



# PhilGEPS

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Philippine Government  
Procurement Opportunities

## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 5788462  
**Procuring Entity** CARLOS HILADO MEMORIAL STATE COLLEGE  
**Title** Design and Build for the Proposed LSAB Building Termination Phase - Talisay Campus, Brgy. Zone 1, Talisay City, Negros Occidental  
**Area of Delivery** Negros Occidental

|  |   |                              |                     |
|--|---|------------------------------|---------------------|
| <b>Solicitation Number:</b>              | CHMSC 18-034-1108-I   | <b>Status</b>                | <b>Pending</b>      |
| <b>Trade Agreement:</b>                  | Implementing Rules and Regulations  | <b>Associated Components</b> | 6                   |
| <b>Procurement Mode:</b>                 | Public Bidding  | <b>Bid Supplements</b>       | 0                   |
| <b>Classification:</b>                   | Civil Works   | <b>Document Request List</b> | 0                   |
| <b>Category:</b>                         | Construction Projects   | <b>Date Published</b>        | 09/11/2018          |
| <b>Approved Budget for the Contract:</b> | PHP 12,500,000.00   | <b>Last Updated / Time</b>   | 08/11/2018 15:35 PM |
| <b>Delivery Period:</b>                  | 330 Day/s   | <b>Closing Date / Time</b>   | 04/12/2018 10:30 AM |
| <b>Client Agency:</b>                    |   |                              |                     |
| <b>Contact Person:</b>                   | Ma. Lorena Fernandez<br>Jugos<br>Administrative Assistant II<br>Mabini Street, Brgy Zone 1<br>Talisay City<br>Negros Occidental<br>Philippines 6115<br>63-34-7128404<br>63-34-7128404<br>chmsc_bacsec@yahoo.com |                              |                     |

#### Description

Republic of the Philippines  
 CARLOS HILADO MEMORIAL STATE COLLEGE  
 Talisay City, Negros Occidental  
 Telefax Nos. (034)712-8404

INVITATION TO BID  
 FOR DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL  
 CHMSC 18-034-1108-I

1. The Carlos Hilado Memorial State College, through the Corporate Budget for the Contract of 2018 approved by the governing Board, intends to apply the sum of TWELVE MILLION FIVE HUNDRED THOUSAND PESOS & 00/100 (Php12,500,000.00) ONLY being the Approved Budget for the Contract (ABC) to payments under the contract for DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL. Bids received in excess of the ABC shall be automatically rejected at bid

opening.

2. The Carlos Hilado Memorial State College now invites bids for DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL pursuant to the technical specifications indicated in the Terms of Reference to be provided. Completion of the Works is required within Three Hundred Thirty (330) calendar days upon receipt of Notice to Proceed. Bidders should have completed, within ten (10) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184, otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least seventy-five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Interested bidders may obtain further information from CARLOS HILADO MEMORIAL STATE COLLEGE and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M.

The BAC Secretariat  
Brgy. Zone I, Mabini St.,  
Talisay City, Negros Occidental

5. A complete set of Bidding Documents may be acquired by interested bidders on November 9 – December 3, 2018 from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty-Five Thousand Pesos (Php 25,000.00) Only.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PHILGEPS) and the website Carlos Hilado Memorial State College, provided that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The CHMSC will hold a Pre-Bid conference on 2:00 P.M., November 19, 2018 at CHMSC Conference Room, 4/F Administration Bldg. Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat at the address below on or before 10:30 A.M., December 4, 2018, All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

Bid opening shall be on 11:00 A.M., December 4, 2018 at CHMSC Conference Room, 4/F Administration Bldg. Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

8. The Carlos Hilado Memorial State College reserves the right to reject any and all bids, declare a failure of bidding, or not to award the contract at any time prior to contract award, in accordance with Section 12 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

9. For further information, please refer to:

PERLA G. GUILLENA  
Head, BAC Secretariat  
Carlos Hilado Memorial State College  
Brgy. Zone 1, Mabini St.,  
Talisay City, Negros Occidental  
Telefax No. (034)712-8404

ROSALINDA S. TUVILLA, LLB  
BAC Chairperson

**Line Items**

| Item No. | Product/Service Name | Description   | Quantity | UOM | Budget (PHP)  |
|----------|----------------------|---|----------|-----|---------------|
| 1        | Design and Build     | for the Proposed LSAB Building Termination Phase - Talisay Campus | 1        | Lot | 12,500,000.00 |

**Pre-bid Conference**

| Date       | Time       | Venue   |
|------------|------------|---|
| 19/11/2018 | 2:00:00 PM | CHMSC Conference Room, 4/F Administration Bldg. Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental |

**Created by** Rowena De la Vida Prado  
**Date Created** 08/11/2018

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| Category     | Description          | Posting Date / Time | Closing Date / Time |
|--------------|----------------------|---------------------|---------------------|
| Construction | Construction Project | 08/11/2018 10:51 AM | 08/11/2018 10:51 AM |
| Construction | Construction Project | 08/11/2018 10:51 AM | 08/11/2018 10:51 AM |

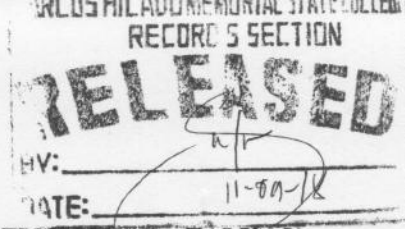
**CONCLUSION**

Republic of the Philippines  
 DIVISION OFFICE - NEGROS OCCIDENTAL COLLEGE  
 Talisay City, Negros Occidental  
 Contact No. (035) 711-0104

**INVITATION TO BID**

FOR DESIGN AND BUILD FOR THE PROPOSED LEAS BUILDING TERMINATION PHASE - TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL  
 CHMSC 12-0-0-1108-1

1- The Division Office, Negros Occidental College, through the Corporate Office for the Division Office approved by the governing board, is hereby inviting the world's TOP FIVE MILLION DOLLAR RATED CONTRACTORS AND FIRMS to submit proposals for the DESIGN AND BUILD FOR THE PROPOSED LEAS BUILDING TERMINATION PHASE - TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL. This is invited in accord with the RFP shall be administratively reviewed at 08/11/2018.



**INVITATION TO BID**  
**FOR DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL**  
**CHMSC 18-034-1108-I**

1. The *Carlos Hilado Memorial State College*, through the *Corporate Budget for the Contract of 2018 approved by the governing Board*, intends to apply the sum of **TWELVE MILLION FIVE HUNDRED THOUSAND PESOS & 00/100 (Php12,500,000.00) ONLY** being the Approved Budget for the Contract (ABC) to payments under the contract for **DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Carlos Hilado Memorial State College* now invites bids for **DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL** pursuant to the technical specifications indicated in the Terms of Reference to be provided. Completion of the Works is required within **Three Hundred Thirty (330) calendar days upon receipt of Notice to Proceed**. Bidders should have completed, within ten (10) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least seventy-five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Interested bidders may obtain further information from CARLOS HILADO MEMORIAL STATE COLLEGE and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M.

The BAC Secretariat  
 Brgy. Zone I, Mabini St.,  
 Talisay City, Negros Occidental

5. A complete set of Bidding Documents may be acquired by interested bidders on **November 9 – December 3, 2018** from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty-Five Thousand Pesos (Php 25,000.00) Only**.

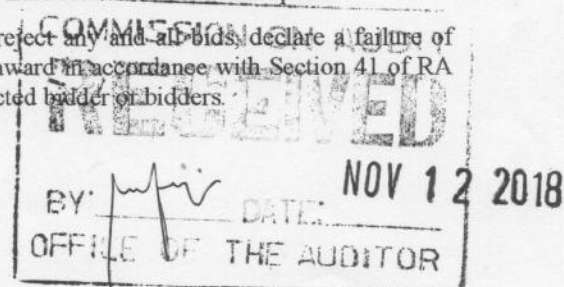
It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website Carlos Hilado Memorial State College, provided that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The CHMSC will hold a **Pre-Bid conference on 2:00 P.M., November 19, 2018** at CHMSC Conference Room, 4/F Administration Bldg. Brgy. Zone I, Mabini St., Talisay City, Negros Occidental, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below on or before **10:30 A.M., December 4, 2018**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 18**.

Bid opening shall be on **11:00 A.M., December 4, 2018** at CHMSC Conference Room, 4/F Administration Bldg. Brgy. Zone I, Mabini St., Talisay City, Negros Occidental. Bids will be opened in the presence of the bidders’ representatives who choose to attend at the address below. **Late bids shall not be accepted.**

8. The Carlos Hilado Memorial State College reserves the right to reject any and all bids, declare a failure of bidding, or not to award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

PERLA G. GUILLENA  
 Head, BAC Secretariat  
 Carlos Hilado Memorial State College  
 Brgy. Zone I, Mabini St.,  
 Talisay City, Negros Occidental  
 Telefax No. (034)712-8404



*Rosalinda S. Tuvilla*  
**ROSALINDA S. TUVILLA, LLB**  
 BAC Chairperson

## *Section III. Bid Data Sheet*

### **Notes on the Bid Data Sheet**

This Section is intended to assist the CHMSC in providing the specific information in relation to corresponding clauses in the ITB included in Section II, and has to be prepared for each specific procurement.

The CHMSC should specify in the BDS information and requirements specific to the circumstances of the CHMSC, the processing of the procurement, the applicable rules regarding bid price and currency, and the bid evaluation criteria that will apply to the Bids. In preparing this Section, the following aspects should be checked:

- (a) Information that specifies and complements provisions of Section II. Instructions to Bidders must be incorporated.
- (b) Amendments and/or supplements, if any, to provisions of Section II. Instructions to Bidders as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

| ITB Clause |   |
|------------|---|
| 1.1        | <p>The Procuring Entity is <b>CARLOS HILADO MEMORIAL STATE COLLEGE</b>.</p> <p>The name of the Contract is <b>DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE– TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL</b>.</p> <p>The identification number of the Contract is: <b>5788462/CHMSC 18-034-1108-I</b></p>   |
| 2          | <p>The Funding Source is:</p> <p>The Government of the Philippines (GoP) through the 2018 Corporate Budget of the College approved by the governing Board, in the amount of <b>TWELVE MILLION FIVE HUNDRED THOUSAND PESOS &amp; 00/100 (Php 12,500,000.00) ONLY</b>.</p> <p>The name of the Project is: <b>DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION PHASE – TALISAY CAMPUS, BRGY. ZONE 1, TALISAY CITY, NEGROS OCCIDENTAL</b>.</p> |
| 3.1        | No further instructions.  |
| 5.1        | No further instructions.  |
| 5.2        | Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.   |
| 5.4 (a)    | No further instructions.  |
| 5.4(b)     | For this purpose, similar contracts shall refer to Building (vertical building), and completed within the period stated in the Invitation to Bid.   |
| 8.1        | <p>“Subcontracting is allowed.”</p> <p>The following works may be subcontracted:</p> <ol style="list-style-type: none"> <li>1. Preparation of the design package as described on the technical Specification Part I</li> <li>2. Mechanical System and Fire Protection</li> <li>3. Electrical Works, Fire Alarm System and Electronics System</li> </ol>   |

|               |  |
|---------------|--|
| 8.2           | The prospective bidder shall submit all the required documents for all the subcontractors it intends to employ for infrastructure projects specified in Clause 12  |
| 9.1           | <p><b>The Procuring Entity will hold a pre-bid conference for this Project on:</b></p> <p><b>DATE: NOVEMBER 19, 2018</b><br/> <b>TIME: 2:00 P.M.</b><br/> <b>VENUE: CHMSC CONFERENCE ROOM, 4/F ADMINISTRATION BUILDING, BRGY. ZONE 1, MABINI ST., TALISAY CITY, NEGROS OCCIDENTAL</b></p>  |
| 10.1          | <p>The Procuring Entity's address is:</p> <p>CARLOS HILADO MEMORIAL STATE COLLEGE<br/> Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental</p> <p>ROSALINDA S. TUVILLA, LLB<br/> BAC Chairperson<br/> Tel. No. (034) 712-8404<br/> <a href="mailto:chmsc_bacsec@yahoo.com">chmsc_bacsec@yahoo.com</a></p>  |
| 10.4          | No further instructions.   |
| 12.1          | <p>In the submission of bids, the first envelope (Technical Proposal) shall contain all the required documents for infrastructure projects under Section 25.2(b) of the IRR of R.A. 9184 and the following additional documents:</p> <ol style="list-style-type: none"> <li>1. Preliminary Conceptual Design Plans in accordance with the degree of details specified by the Procuring Entity;</li> <li>2. Design and Construction Methods;</li> <li>3. List of design and construction personnel, to be assigned to the contract to be bid, with their complete qualification and experience data and;</li> <li>4. Value engineering analysis of design and construction method.</li> <li>5. The conceptual plans and cost estimates of the items specified in clause 5.2.1.12. #10 of the Technical Specification Part 1 must be included on the bids and to be mentioned on the presentation in MS Power Point Format and saved on a CD.</li> </ol> |
| 12.1(a)(iii)  | <p>PCAB Registration/PCAB License</p> <p><b>Small B (up to 15M)</b></p>  |
| 12.1(b)(ii.2) | The minimum work experience requirements for Design key personnel are the following:   |

| Key Personnel                        | General Experience   | Relevant Experience (years) |
|--------------------------------------|--|-----------------------------|
| 1. Licensed Architect                | Registered Architect   | 3                           |
| 2. Structural Engineer               | Registered Civil Engineer<br>Registered Professional Mechanical Engineer | 3                           |
| 3. Professional Mechanical Engineer  | Registered Professional Electrical Engineer                              | 3                           |
| 4. Professional Electrical Engineer  | Registered Master Plumber  | 3                           |
| 5. Master Plumber                    | Registered Professional Electronics Engineer                             | 3                           |
| 6. Professional Electronics Engineer |  |                             |

The minimum work experience requirements for Construction key personnel are the following:

| Key Personnel                               | General Experience                 | Relevant Experience (years) |
|---|------------------------------------|-----------------------------|
| 1. Project Manager                          | Registered Civil Engineer          | 8                           |
| 2. Project Engineer                         | Registered Civil Engineer          | 5                           |
| 3. Materials/Quality Control Engineer       | Licensed Material Engineer         | 5                           |
| 4. Foreman                                  | High School                        | 5                           |
| 5. Construction Safety and Health Personnel | With HSSE Training                 | 5                           |
| 6. Licensed Surveyor                        | Geodetic Engineer                  | 5                           |
| 7. Electrical Practitioner                  | Registered Electrical Practitioner | 5                           |

12.1(b)(iii.3)

The minimum major equipment requirements are the following:

| <u>Equipment</u>      | <u>Capacity</u> | <u>Number of Units</u> |
|-----------------------|-----------------|------------------------|
| 1. Backhoe            | 0.80 cu.m.      | 1                      |
| 2. Dump Truck         | 10 cu.m.        | 2                      |
| 3. Plate Compactor    |                 | 1                      |
| 4. Walk - Behind      |                 | 1                      |
| 5. One - Bagger Mixer |                 | 1                      |
| 6. Water Pump         |                 | 2                      |
| 7. Cutting Outfit     |                 |                        |



|         |  |
|---------|--|
|         | <p>8. Concrete Vibrator 2</p> <p>9. Transit Mixer 3</p> <p>10. Bar Bender 2</p> <p>11. Bar Cutter 1</p> <p>12. Pumpcrete or Truckcrete 1</p> <p>13. Welding Machine 1</p> <p>14. Service Vehicle 1</p>   |
| 13.1    | <p>The Bidder shall:</p> <ol style="list-style-type: none"> <li>1. Fill in the prices for all items of the works described in the Summary of Bids.</li> <li>2. Prepare the Detailed Unit Price Analysis (DUPA) to cover all the items in the works which upon the judgement of the Design/Build Contractor are necessary for the completion of the scope of works defined by the Drawings and Technical Specifications Part I and II.</li> <li>3. The Bidder shall be responsible that all the items described on the drawings as prepared by the Design/Build Contractor shall not claim for payment of works on items specified on the drawings but not included on the DUPA unless approved in writing by the Procuring Entity.</li> <li>4. The Bidder must ensure that the total price included the Summary of Bids prescribed in Clause 15.2.1 shall not be more than the allowable Approved Budget for the Contract (ABC). In the event that the said total calculated cost on the Summary of Bids shall be more than the ABC, the bid shall be automatically rejected.</li> </ol> |
| 13.1(b) | <p>This shall include all of the following documents:</p> <ol style="list-style-type: none"> <li>1) Bid prices in the Bill of Quantities;</li> <li>2) Detailed estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; and</li> <li>3) Cash flow by quarter or payment schedule.</li> </ol>  |
| 13.2    | <p><b>The Approved Budget for the Contract (ABC) is TWELVE MILLION FIVE HUNDRED THOUSAND PESOS &amp; 00/100 (Php 12,500,000.00) ONLY.</b></p> <p>Any bid with a financial component exceeding this amount shall not be accepted.</p>   |

22. No further testimony.

23. No further testimony.

24. The defendant shall be held in custody in the County Jail.

25. No further testimony.

26. The defendant shall be held in custody in the County Jail until such time as the following terms and conditions are met:

1. The amount of bail less than that provided in the sum of \$10,000.00 (ten thousand and no/100ths dollars) in cash, under a promissory note, with a surety bond in the amount of \$10,000.00.
2. The amount of bail less than that provided in the sum of \$10,000.00 (ten thousand and no/100ths dollars).

27. The defendant shall be held in custody in the County Jail until such time as the state of Michigan is notified.

28. The defendant shall be held in custody in the County Jail until such time as the state of Michigan is notified.

29. The defendant shall be held in custody in the County Jail until such time as the state of Michigan is notified.

The State of Michigan Extension  
 1. 2020-01-01  
 2. 2020-01-01  
 3. 2020-01-01  
 4. 2020-01-01

The amount of bail is

\$10,000.00 (ten thousand and no/100ths dollars)  
 \$10,000.00 (ten thousand and no/100ths dollars)

The amount of bail is

The State of Michigan Extension  
 1. 2020-01-01  
 2. 2020-01-01  
 3. 2020-01-01  
 4. 2020-01-01

|         |  |
|---------|--|
|         | <p>The date and time of bid opening is:</p> <p><b>DATE: DECEMBER 4, 2018</b><br/> <b>TIME: 11:00 A.M.</b></p>  |
| 24.2    | No further instructions.   |
| 24.3    | No further instructions.   |
| 27.3    | Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.  |
| 27.4    | No further instructions.   |
| 28.2    | <p>Bidders have the option to submit manually filed tax returns or tax returns filed through the Electronic Filing and Payments System.</p> <p><i>Note: The latest income and business tax returns are those within the last six (6) months preceding the date of bid submission.</i></p>  |
| 31.4(f) | <p>Additional contract documents relevant to the Project:</p> <ol style="list-style-type: none"> <li>1) Construction Schedule/GANTT Chart (MS Project Format) &amp; S-curve</li> <li>2) Manpower Schedule</li> <li>3) Construction Methods</li> <li>4) Equipment Utilization Schedule</li> <li>5) Construction Safety and Health Program (approved by the DOLE)</li> <li>6) PERT/CPM</li> <li>7) Statement of Cash Flow &amp; Payment Schedule</li> <li>8) Soft Copy of all submitted documents in PDF File (submit in CD)</li> <li>9) Organizational Chart</li> </ol> |

## Section V. Special Conditions of Contract

### Notes on the Special Conditions of Contract

Similar to the Section III. Bid Data Sheet, the clauses in this Section are intended to assist the CHMSC in providing contract-specific information in relation to corresponding clauses in the GCC.

The provisions of this Section complement the GCC, specifying contractual requirements linked to the special circumstances of the CHMSC, Philippines, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- (a) Information that complements provisions of Section IV. General Conditions of Contract must be incorporated.
- (b) Amendments and/or supplements to provisions of Section IV. General Conditions of Contract, as necessitated by the circumstances of the specific project, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of Section IV. General Conditions of Contract should be incorporated herein.

# Special Conditions of Contract

| GCC Clause |  |
|------------|--|
| 1.17       | <p>The <b>Intended Completion Date</b> is</p> <p><b>330 calendar days upon receipt of the Notice to Proceed</b></p> <p><i>NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.</i></p>  |
| 1.22       | <p>The <b>Procuring Entity</b> is</p> <p>CARLOS HILADO MEMORIAL STATE COLLEGE<br/>BRGY. ZONE 1, MABINI STREET<br/>TALISAY CITY, NEGROS OCCIDENTAL</p>  |
| 1.23       | <p>The <b>Procuring Entity's Representative</b> is</p> <p>ROSALINDA S. TUVILLA<br/>BAC CHAIRPERSON<br/>CARLOS HILADO MEMORIAL STATE COLLEGE<br/>BRGY. ZONE 1, MABINI STREET<br/>TALISAY CITY, NEGROS OCCIDENTAL</p>  |
| 1.24       | <p>The Project Site is located at CARLOS HILADO MEMORIAL STATE COLLEGE, TALISAY CAMPUS, MABINI STREET, TALISAY CITY, NEGROS OCCIDENTAL.</p>  |
| 1.28       | <p>The <b>Start Date</b> is Upon receipt of Notice to Proceed.</p>   |
| 1.31       | <p>The <b>Works</b> consist of the items defined in the following:</p> <ol style="list-style-type: none"> <li>1. Technical Specifications Part I and</li> <li>2. Technical Specifications Part II</li> </ol>   |
| 2.2        | <p>If different dates are specified for completion of the Works by section ("sectional completion"), these dates should be listed here</p>   |
| 5.1        | <p>The <b>CHMSC</b> shall give possession of all parts of the Site to the Contractor upon receipt of Notice to Proceed by the latter.</p>  |
| 6.5        | <p>The Design and Build Contractor shall employ the following <b>Key Personnel</b>:</p> <p><b>A. Design Firm or Design Key Personnel:</b></p> <ol style="list-style-type: none"> <li>1. Licensed Architect</li> <li>2. Structural Engineer</li> <li>3. Professional Mechanical Engineer</li> <li>4. Professional Electrical Engineer</li> <li>5. Master Plumber</li> <li>6. Professional Electronics Engineer</li> </ol> |

**B. Project/Construction Key Personnel:**

1. Project Manager
2. Project Engineer
3. Materials/Quality Control Engineer
4. Foreman
5. Construction Safety and Health personnel
6. Licensed Surveyor
7. Electrical Practitioner

The Contractor must ensure that nominated and/or approved key personnel will not be demobilized from site unless replacement is duly evaluated and approved by the Procuring Entity through its duly authorized representative.

The non-availability of any of the key personnel for construction from the project site will be subject to penalty/deduction from the next billing:

| No. | Key Personnel                          | Amount of Deduction per Day of Non-appearance |
|-----|--|---|
| 1   | Project Manager                        | Php1,000.00                                   |
| 2   | Project Engineer                       | Php900.00                                     |
| 3   | Materials/Quality Control Engineer     | Php700.00                                     |
| 4   | Foreman                                | Php700.00                                     |
| 5   | Construction Safety & Health Personnel | Php800.00                                     |
| 6   | Licensed Surveyor                      | Php700.00                                     |
| 7   | Sanitary Engineer                      | Php900.00                                     |

The following condition will be ground for withholding of payment for the next billing.

1. Poor Supervision and inaction of the concerned contractor to the items and points included on Project Manager's Instruction (PMI's), Site Observation Reports (SOR's), Official Letters and other form of instructions and reports related to any observed non-conformity and non-compliance to the relevant clauses of the contract and the technical specifications – Php1,000.00/point.
2. Prescribed (PPE's) Personal Protective Equipment
  - 2.a No safety hats – Php500.00/worker/day of occurrence
  - 2.b No safety shoes – Php500.00/worker/day of occurrence
  - 2.c Non-availability or improper use of the body harness and other life-saving equipment on site – Php500.00/worker/day of occurrence.
3. Implementation of critical works without permit such as concrete pouring, installation of devices, wires and conduits without prior samples and approval and other forms of work – Php10,000.00/point.

|            |   |
|------------|---|
|            | <p>4. Non-submission of reports such as but not limited to, Daily Reports and Look Ahead Schedules– Php. 1,000.00/day of occurrence.</p> <p>5. Non-submission of brochures and samples of materials prior to installation at site and installation of unapproved materials – Php. 10,000/point.</p> <p>6. Non-Submission of FCD Plan after completion of the final design – Php. 1,000.00/day of occurrence.</p> <p>The Contractor should show proof of remittances to SSS, BIR, Philhealth and other government agencies for any of the deductions being imposed from its personnel.</p> <p><b>NOTE: The names of the Key Personnel and their designation shall be filled out by winning contractor prior to contract signing.</b></p> |
| 7.4(c)     | No further instructions.  |
| 7.7        | No further instructions.  |
| 8.1        | No further instructions.  |
| 10         | The site investigation reports are:   |
| 12.3       | No further instructions.  |
| 12.5       | In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years.   |
| 13         | All partners to the joint venture shall be jointly and severally liable to the Procuring Entity.  |
| 18.3(h)(i) | No further instructions.  |
| 21.2       | The Arbiter is the Court with appropriate jurisdiction to carry out alternative dispute resolution proceedings to be resorted to only upon exhaustion of remedies under the procurement manuals, rules and regulations.   |
| 29.1       | No dayworks are applicable to the contract.   |
| 31.1       | The Contractor shall submit the Program of Work to the Procuring Entity's Representative within fifteen (15) days of delivery of the <i>Notice of Award</i>   |
| 31.3       | The period of Program of Work updates is every fifteen (15) days.   |

|            |   |
|------------|---|
|            | <p>4. Non-submission of reports such as but not limited to, Daily Reports and Look Ahead Schedules– Php. 1,000.00/day of occurrence.</p> <p>5. Non-submission of brochures and samples of materials prior to installation at site and installation of unapproved materials – Php. 10,000/point.</p> <p>6. Non-Submission of FCD Plan after completion of the final design – Php. 1,000.00/day of occurrence.</p> <p>The Contractor should show proof of remittances to SSS, BIR, Philhealth and other government agencies for any of the deductions being imposed from its personnel.</p> <p><b>NOTE: The names of the Key Personnel and their designation shall be filled out by winning contractor prior to contract signing.</b></p> |
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| 31.3       | The period of Program of Work updates is every fifteen (15) days.   |



|      |   |
|------|---|
|      | The amount to be withheld for late submission of an updated Program of Work is FIFTEEN THOUSAND PESOS (Php15,000.00) only. Other relevant rules and regulations as well as communication protocol shall be discussed during the pre-bid conference and shall form part of the contract. Copy of which given to the contractor on the date for the conduct of the pre-construction conference. |
| 34.3 | The Funding Source is the Government of the Philippines.  |
| 39.1 | The amount of the advance payment is fifteen (15%) percent of the Contract Price, representing mobilization fund. The full mobilization fund shall be recouped from the regular billing of the contractor up to and until 50% of the contract amount are paid to the contractor.  |
| 40.1 | Materials and equipment delivered on the site but not completely put in place shall be included for payment, in so far as it complies with applicable standards and passed the appropriate tests at authorized testing centers.   |
| 51.1 | The date by which operating and maintenance manuals are required during the commissioning of each of the equipment to be installed by the contractor.<br><br>The date by which "as built" drawings are required will be before the processing of the occupancy permit or fifteen (15) calendar days from the final handing over whichever comes earlier.                                      |
| 51.2 | The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is TWENTY-FIVE THOUSAND PESOS (Php25,000.00) ONLY for each requirement.  |

|      |  |
|------|--|
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| 51.2 | The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is TWENTY-FIVE THOUSAND PESOS (Php25,000.00) ONLY for each requirement.   |

**PROJECT TITLE:**

**DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING TERMINATION  
PHASE- TALISAY CAMPUS**

**TECHNICAL SPECIFICATIONS PART I**

**ARTICLE**

- 1 SCOPE OF WORK**
- 2 CONTRACT DOCUMENTS**
- 3 DEFINITIONS**
- 4 D/B CONTRACTOR'S GENERAL RESPONSIBILITIES**
- 5 PRE-CONSTRUCTION PHASE**
  - 5.1 PRE-CONSTRUCTION SERVICES**
    - 5.1.1 General Coordination
    - 5.1.2 Constructability Program
    - 5.1.3 Budget and Cost Consultation
    - 5.1.4 Coordination of Design and Construction Contract Documents
    - 5.1.5 Construction Planning and Bid Package Strategy
    - 5.1.6 Safety
  - 5.2 DESIGN SERVICES**
    - 5.2.1 General Responsibilities
    - 5.2.2 Pre-Design Stage
    - 5.2.3 Schematic Design Stage
    - 5.2.4 Design Development Stage
    - 5.2.5 Construction Documents Stage
    - 5.2.6 Review Drawings
    - 5.2.7 Additional Design Services
- 6 CONSTRUCTION PHASE SERVICES**
  - 6.1 General Responsibilities
  - 6.2 Construction Contract Administration
  - 6.3 D/B Contractor's Personnel and Subconsultants
- 7 PROCURING ENTITY'S RESPONSIBILITIES**
- 8 OWNERSHIP AND USE OF DOCUMENTS**
- 9 TIME**
- 10 ELECTRICAL DESIGN CONCEPTS**

**ARTICLE 1 SCOPE OF WORK**

The Design/Build Contractor has overall responsibility for and shall provide complete Pre-Construction Phase Services and Construction Phase Services and furnish all design services, materials, equipment, tools and labor as necessary or reasonably inferable to complete the Project, or any phase of the Project, in accordance with the Procuring Entity's requirements and the terms of this Agreement.

**ARTICLE 2 CONTRACT DOCUMENTS**

The Contract Documents form the entire and integrated Contract between Design/Build Contractor and supersede all prior negotiations, representations or agreements, written or oral. The Contract Documents consist of:

- 2.1 This Agreement and all attachments hereto;
- 2.2 The Technical Specifications for Building Construction Contracts for Carlos Hilado Memorial State College;
- 2.3 Special Conditions of the Contract prepared by the Procuring Entity;
- 2.4 The Procuring Entity's Design Guidelines;
- 2.5 The Campus Master Plan;
- 2.6 All Addenda issued prior to the Effective Date of this Agreement;
- 2.7 The Subcontracting Plan for Design Phase Services;
- 2.8 The Subcontracting Plan for Construction Phase Services when accepted by the Procuring Entity;

- 2.9 All Additional Services Proposals when accepted by the Procuring Entity;
- 2.10 All Change Orders issued after the Effective Date of this Agreement;
- 2.11 The Drawings and Specifications developed by Design/Build Contractor and accepted by Procuring Entity;
- 2.12 The Drawings and Specifications developed or prepared by Procuring Entity's PPDM and Project Management Team; and
- 2.13 Any other documents listed in this Agreement.

### ARTICLE 3 DEFINITIONS

The terms, words and phrases used in the Contract Documents shall have the meanings given in the General Conditions of Contract Conditions and as follows.

- 3.1 **"PROCURING ENTITY"** means Carlos Hilado Memorial State College.
- 3.2 **"CONTRACT VALUE"** means the maximum monetary amount payable to the Design/Build Contractor for all Construction Phase services, materials, labor and other work required for completion of the Work in accordance with the Contract Documents. The CONTRACT VALUE includes, without limitation, the General Conditions Costs, the Cost of the Work, the Construction Phase Fee and the Design/Build Contractor's Contingency.
- 3.3 **"Construction Services"** means the implementation and execution of the construction work required by the Contract Documents. The construction phase of the Project may be divided into different stages, each with different start and completion dates.
- 3.4 **"Contract Sum"** means the total amount of all compensation payable to the Design/Build Contractor for the Project Any costs that exceed the Contract Sum shall be borne solely by Design/Build Contractor without reimbursement by Procuring Entity.
- 3.5 **"Project Management Team"** or "PMT" means any licensed professionals or firms engaged by Procuring Entity as independent consultants for the Project Improvements. The PMT shall act as the Procuring Entity's representative during the implementation of the project. The Design/Build Contractor shall be informed in writing of the composition of the PMT.
- 3.6 **"Design Services"** means all professional services required to fulfill the Pre-Construction Phase and Additional design obligations of this Agreement, including, but not limited to, programming, schematic design, design development and construction documents.
- 3.7 **"Direct Construction Cost"** means the sum of the amounts that the Design/Build Contractor actually and necessarily incurs for General Conditions Costs, Cost of the Work and Design/Build Contractor's Contingency during the Construction Phase as allowed by this Agreement. Direct Construction Cost does not include Pre-Construction Phase Services Fees or Construction Phase Fees.
- 3.8 **"Direct Salary Expense"** or "DSE" means the actual gross salary, expressed on an hourly wage basis, of Design/Build Contractor's and Project Architect's employees and consultants directly engaged on the Project. For DSE purposes, Project Architect's employees includes, but is not limited to, architects, officers, principals, engineers, designers, job captains, draftspersons, and specifications writers, who are performing consultation, research or design, or who are producing drawings, specifications, plans, or other documents pertaining to the Project, or who are performing services that are directly attributable to and necessary for the Project.
- 3.9 **"Estimated Construction Cost"** means the total cost of all elements of the project, including, without limitation, all alternates, allowances and contingencies, designed and specified by the Design/Build Contractor. The Estimated Construction Cost shall include, at current market rates with a reasonable

9.2 Time limits stated in the Contract Documents are of the essence of this Agreement. The Design/Build Contractor shall be responsible for schedule development, updating and reporting throughout the entire Project, including Pre-Construction Phase Services and Construction Phase Services. The Design/Build Contractor shall comply in all regards with requirements set forth in the Procuring Entity's Project Planning and Scheduling Specifications.

## ARTICLE 10 ELECTRICAL DESIGN CONCEPTS

Design concepts that needs to be incorporated in the design

- a. All lights must be of LED type with sufficient lumens for each occupied or intended space.
- b. Rooms or hallways with 2 or more doors must be provided with 3-way or 4-way switches for each door. This includes both ends of hallways.
- c. Restroom stalls must be provided with individual lights.
- d. Provide power lines going to the proposed location of the 3-phase distribution transformer.
- e. Incoming power must be 3-phase and the single-phase load should be designed to attain balance among the phases.
- f. Number of power outlets should be sufficient without extensively exceeding the power needs of the occupants.
- g. All auxiliary control/monitoring equipment must be located in an air-conditioned room. Equipment such as but not limited to DVR, CCTV monitor, IDF, server or WIFI, PABX, FACP, amplifier, etc.
- h. All office or functional room must be provided with its own data and telephone outlet according to the number of office table or purpose of the room.
- i. CCTV cameras must be provided to monitor all entry/exit points.
- j. Appropriate number of smoke detectors must be provided for each room or hallway.
- k. All smoke detectors must be individually addressable with a Fire Alarm Control Panel (FACP) that could monitor each detector.
- l. Fire alarm bells must be situated in a location which will fully notify the occupants of the building.
- m. Each room and hallway must be provided with a PABGM speaker with its individual volume control.

- n. Location of pumps must be coordinated with the plumbing and sanitary design.
- o. Lightning arrester must be properly grounded and located in an appropriate location on top of the building so as to completely protect the building.
- p. The building must be adequately grounded.
- q. See revised location of air conditioning units based on mechanical conceptual design.
- r. Level controls must be provided on all tanks.

**DESIGN AND BUILD FOR THE PROPOSED LSAB BUILDING  
TERMINATION PHASE**

| ITEM      | DESCRIPTION                          | PROJECT CONSTRUCTION COST |
|-----------|--------------------------------------|---------------------------|
| <b>A.</b> | <b>DESIGN AND PLANS</b>              |                           |
| A.1.      | STRUCTURAL WORKS                     |                           |
| A.2.      | ARCHITECTURAL WORKS                  |                           |
| A.3.      | MECHANICAL WORKS                     |                           |
| A.4.      | FIRE PROTECTION SYSTEM               |                           |
| A.5.      | FIRE DETECTION AND ALARM SYSTEM      |                           |
| A.6.      | ELECTRICAL WORKS                     |                           |
| A.7.      | ELECTRONICS WORKS                    |                           |
| A.8.      | PLUMBING WORKS                       |                           |
| A.9.      | Sub. Total (DESIGN AND PLANS)        |                           |
| <b>B.</b> | <b>CONSTRUCTION</b>                  |                           |
| B.1.      | GENERAL REQUIREMENTS                 |                           |
| B.2.      | STRUCTURAL WORKS                     |                           |
| B.3.      | ARCHITECTURAL WORKS                  |                           |
| B.4.      | MECHANICAL WORKS                     |                           |
| B.5.      | FIRE PROTECTION SYSTEM               |                           |
| B.6.      | FIRE DETECTION AND ALARM SYSTEM      |                           |
| B.7.      | ELECTRICAL WORKS                     |                           |
| B.8.      | ELECTRONICS WORKS                    |                           |
| B.9.      | PLUMBING WORKS                       |                           |
| B.10.     | Sub. Total ( CONSTRUCTION )          |                           |
| <b>C.</b> | <b>TOTAL DIRECT COST (A.7 + B.8)</b> |                           |
| <b>D.</b> | <b>MISCELLANEOUS AND CONSUMABLES</b> |                           |
| <b>E.</b> | <b>OVERHEAD, ADMIN AND PROFIT</b>    |                           |
| <b>F.</b> | <b>TOTAL INDIRECT COST (D+E)</b>     |                           |
| <b>G.</b> | <b>TOTAL COST (C+F)</b>              |                           |

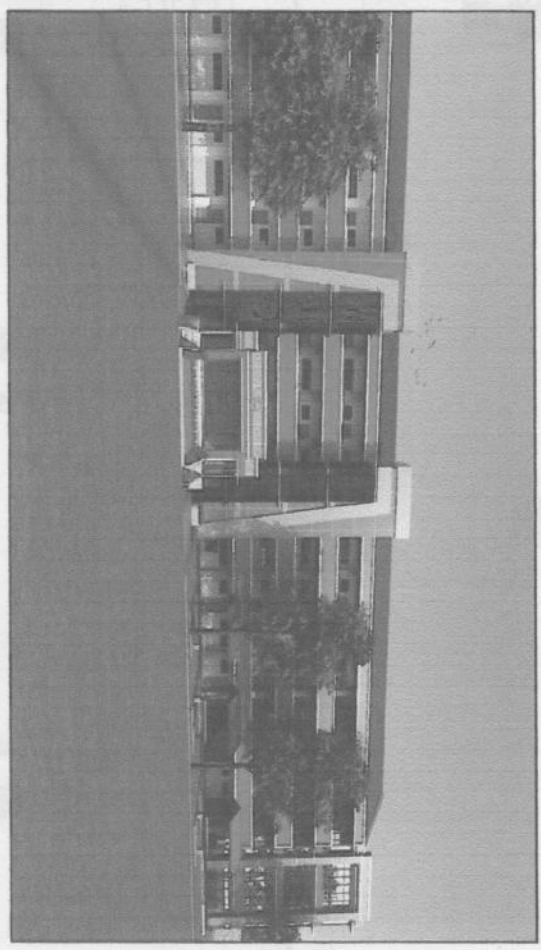
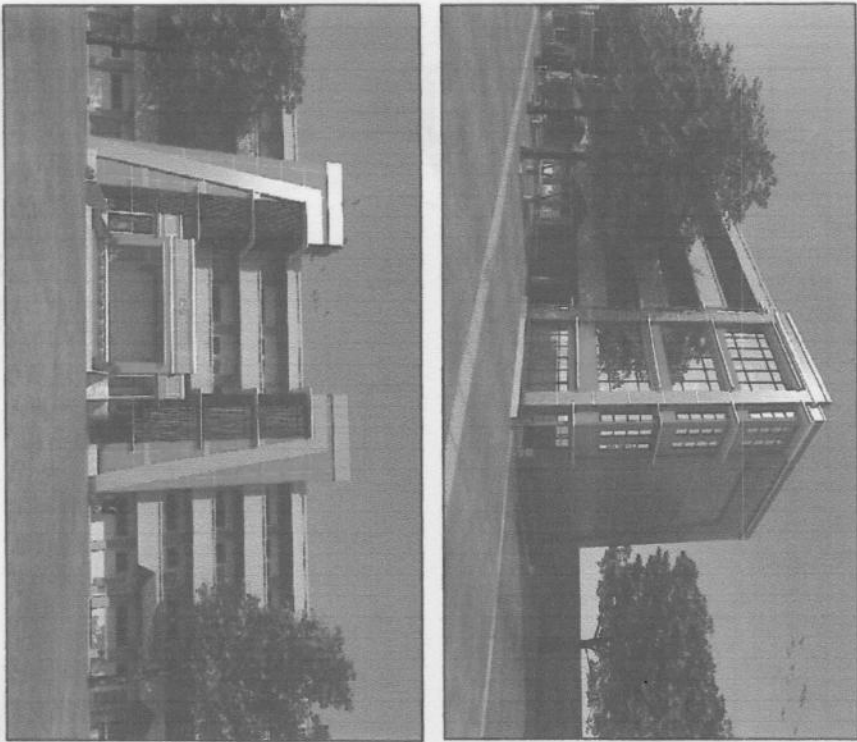
|           |                                       |  |
|-----------|---------------------------------------|--|
| <b>H.</b> | <b>VAT (12% OF ITEM G)</b>            |  |
| <b>I.</b> | <b>GRAND TOTAL PROJECT COST (G+H)</b> |  |

NOTE:

We understand that the total preparation of the design and plans including the signatures and seal for all disciplines for the application of the building and occupancy permits shall not exceed 5% of the total direct cost (Item C Above).

|       | DESCRIPTION                     |  |
|-------|---------------------------------|--|
| A.    | DESIGN AND PLANS                |  |
| A.1.  | Signature of Bidder _____       |  |
| A.2.  | ARCHITECTURAL WORKS             |  |
| A.3.  | Name of Firm _____              |  |
| A.4.  | FIRE PROTECTION SYSTEM          |  |
| A.5.  | Date _____                      |  |
| A.6.  | FIRE DETECTION AND ALARM SYSTEM |  |
| A.7.  | ELECTRICAL WORKS                |  |
| A.8.  | ELECTRONICS WORKS               |  |
| A.9.  | PLUMBING WORKS                  |  |
| A.10. | Sub Total (DESIGN AND PLANS)    |  |
| B.    | CONSTRUCTION                    |  |
| B.1.  | GENERAL REQUIREMENTS            |  |
| B.2.  | STRUCTURAL WORKS                |  |
| B.3.  | ARCHITECTURAL WORKS             |  |
| B.4.  | MECHANICAL WORKS                |  |
| B.5.  | FIRE PROTECTION SYSTEM          |  |
| B.6.  | FIRE DETECTION AND ALARM SYSTEM |  |
| B.7.  | ELECTRICAL WORKS                |  |
| B.8.  | ELECTRONICS WORKS               |  |
| B.9.  | PLUMBING WORKS                  |  |
| B.10. | Sub Total ( CONSTRUCTION )      |  |
| C.    | TOTAL DIRECT COST (A.7 + B.8)   |  |
| D.    | MISCELLANEOUS AND CONSUMABLES   |  |
| E.    | OVERHEAD, ADMIN AND PROFIT      |  |
| F.    | TOTAL INDIRECT COST (D+E)       |  |
| G.    | TOTAL COST (C+F)                |  |





PERSPECTIVE DRAWING





REPUBLIC OF THE PHILIPPINES  
 CARLOS HILADO MEMORIAL STATE COLLEGE  
 OFFICE OF THE PRESIDENT, DEPARTMENT OF EDUCATION  
 PROJECT TITLE:  
 DESIGN AND BUILD FOR THE PROPOSED  
 LEAD BUILDING TERMINATION PHASE  
 PROJECT LOCATION: TALISAY CAMPUS

Prepared by:  
  
 JOHN Y G. JOYE  
 DRAFTSMAN/CAD

Recommending Approval:  
  
 ALBEJO M. DICKSON, UAP  
 ARCHITECT

  
 SERGIO NICOLAS C. SABORINA, PH.D.  
 PRINCIPAL DIRECTOR

  
 ANTONIO L. DEBRAUN, PH.D., T.M.  
 VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

Approved By:  
  
 RENATO M. SOROLLA, PH.D.  
 VICE PRESIDENT III

SHEET NO.



REPUBLIC OF THE PHILIPPINES  
 DEPARTMENT OF EDUCATION  
 CARLOS HILADO MEMORIAL STATE COLLEGE  
 OFFICE OF ARCHITECTURE & REVISIONS OFFICE  
 PROJECT TITLE:  
 DESIGN AND BUILD FOR THE PROPOSED  
 LAB BUILDING TERMINATION PHASE  
 PROJECT LOCATION: CHASC TALIAYAN CAMPUS

Prepared by:  
 JOHANNY G. JOVEL  
 DRAFTSMAN-DIT

Recommending Approval:  
 ALBERTO A. DEASON, UAP  
 ARCHITECT

PCEN DIRECTOR:  
 SERGIO NICOLAS C. SORRENTA, Ph.D.

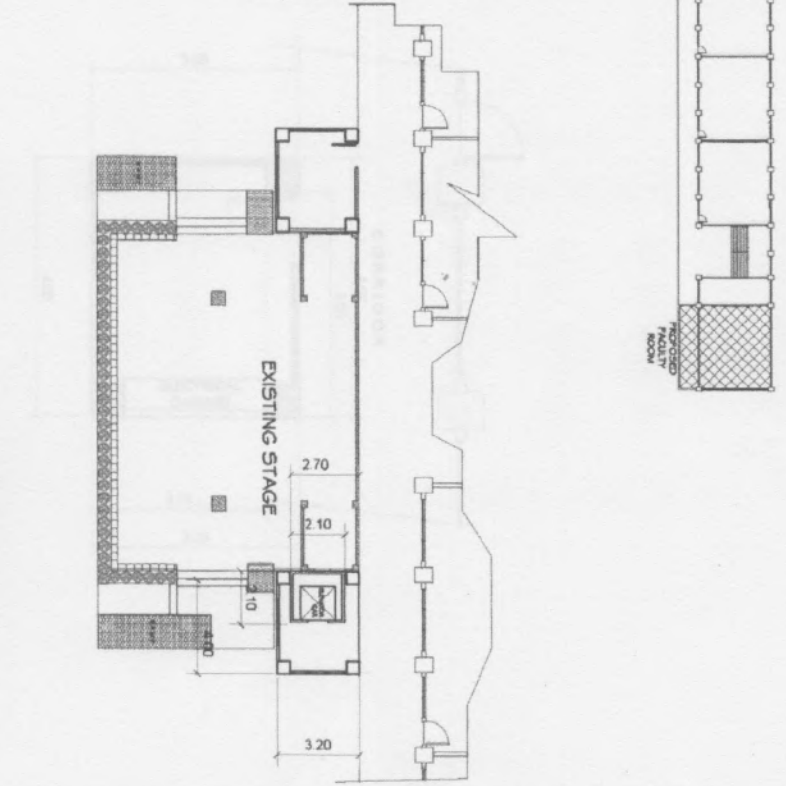
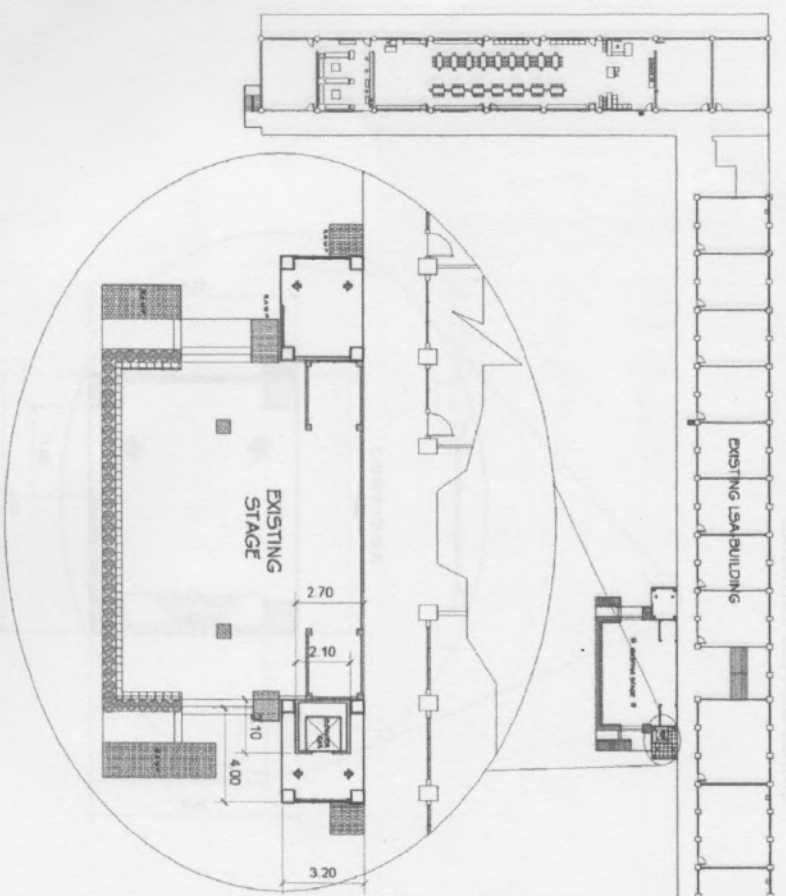
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE:  
 ANTONIO L. DEVALA, Ph.D., FPA

Approved By:  
 ANATOLIO M. SOROLLA, Ph.D.,  
 SUC PRESIDENT II

SHEET NO.

**ELEVATOR SHAFT GROUND FLOOR PLAN**  
 SCALE 1:250M

**ELEVATOR SHAFT SECOND TO FOURTH FLOOR PLAN**  
 SCALE 1:250M





REPUBLIC OF THE PHILIPPINES  
 CARLOS HILADO MEMORIAL STATE COLLEGE  
 OFFICE OF PHYSICAL DEVELOPMENT & MANAGEMENT OFFICE  
 PROJECT TITLE:  
 DESIGN AND BUILD FOR THE PROPOSED  
 LEAD BUILDING TERMINATION PHASE  
 PROJECT LOCATION: CHARG. TALENG CAMPUS

Prepared by:  
 JOHNNY G. JORGE  
 DRAFTSMAN-CIT

Recommending Approval:  
 ALONDRA A. USON, UAP  
 ARCHITECT

Approved by:  
 SERGIO M. OROS C. GONZALEZ, PH.D.  
 FROM DIRECTOR

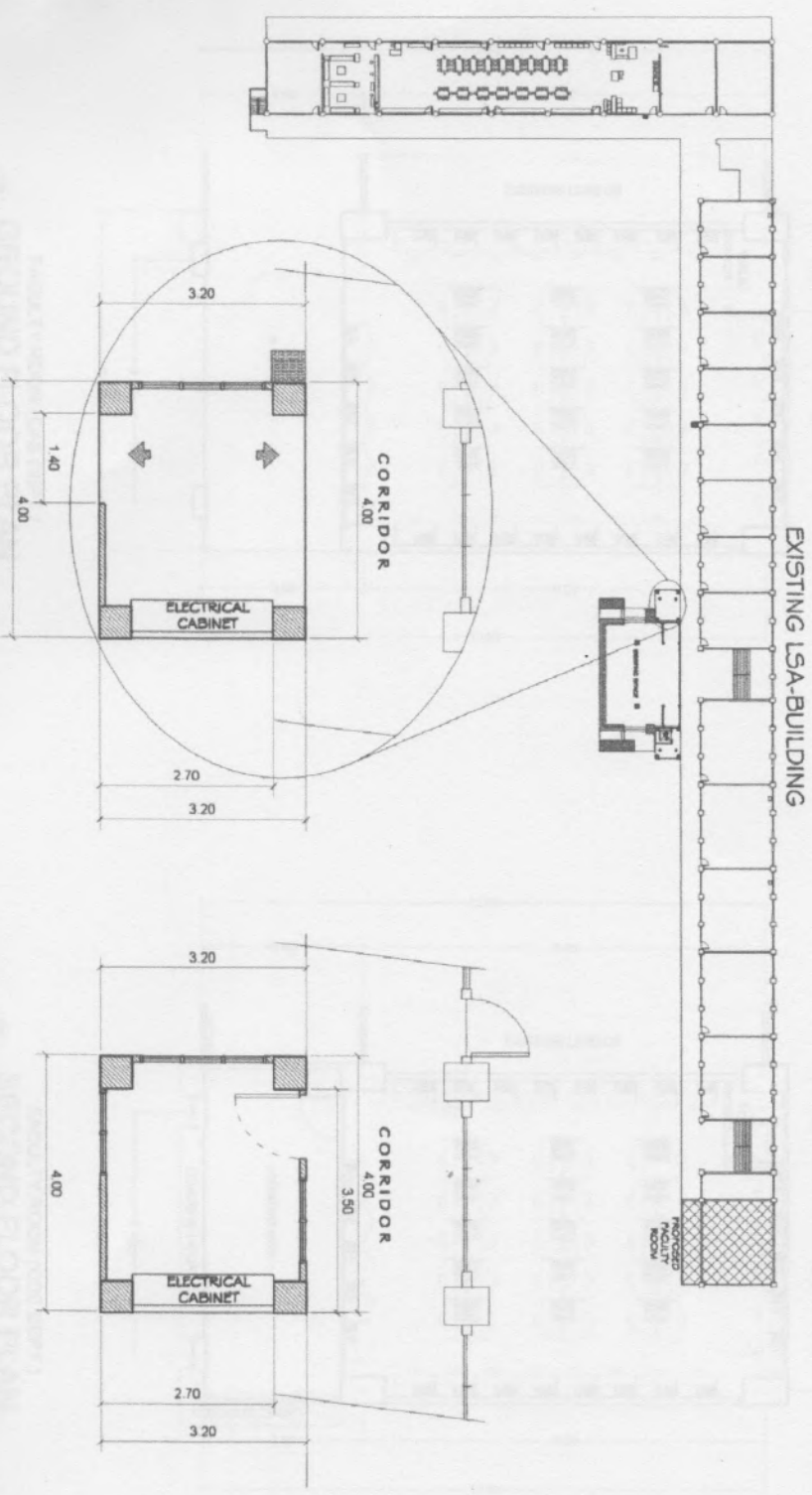
Approved by:  
 ANTONIO L. DESAÑA, PH.D., S.M.  
 VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

Approved by:  
 RENANCIO M. SOROLLA, PH.D.  
 VICE PRESIDENT I

SHEET NO.

**FUTURE OFFICES GROUND FLOOR PLAN**  
 SCALE 1:400M

**FUTURE OFFICES SECOND TO FOURTH FLOOR PLAN**  
 SCALE 1:400M





REPUBLIC OF THE PHILIPPINES  
 DEPARTMENT OF EDUCATION  
 OFFICE OF THE PRINCIPAL AND SUPERVISOR  
 PROJECT TITLE  
 DESIGN AND BUILD FOR THE PROPOSED  
 LSAB BUILDING TERMINATION PHASE  
 PROJECT LOCATION TALISAY CAMPUS

Prepared by:  
 JOHNNY G. JOVEL  
 DEPARTMENT

Recommending Approval:  
 ALBERTA A. LACSON, UAP  
 ARCHITECT

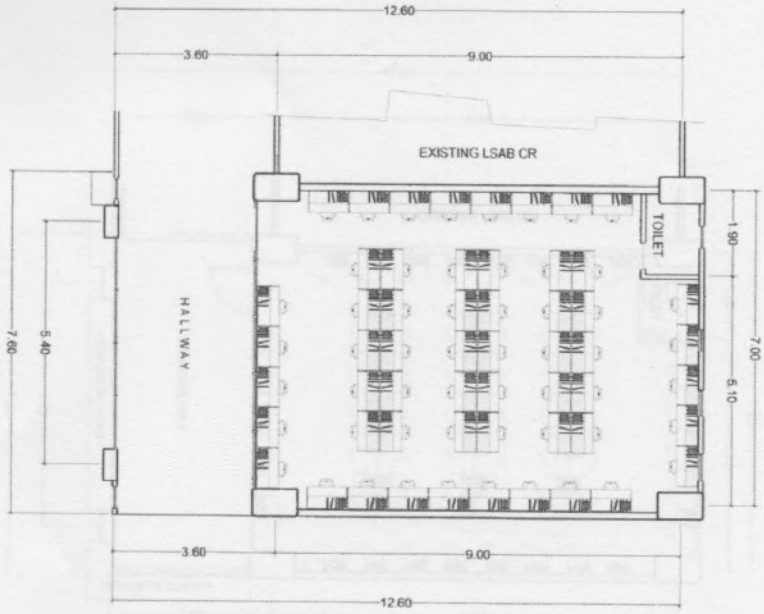
PROJ. DIRECTOR  
 ERIC NICOLAS C. SERRERENA, PH.D.

VICE PRESIDENT FOR ADMINISTRATION AND FINANCE  
 ANTONIO L. DEKALAN, PH.D., M.A.

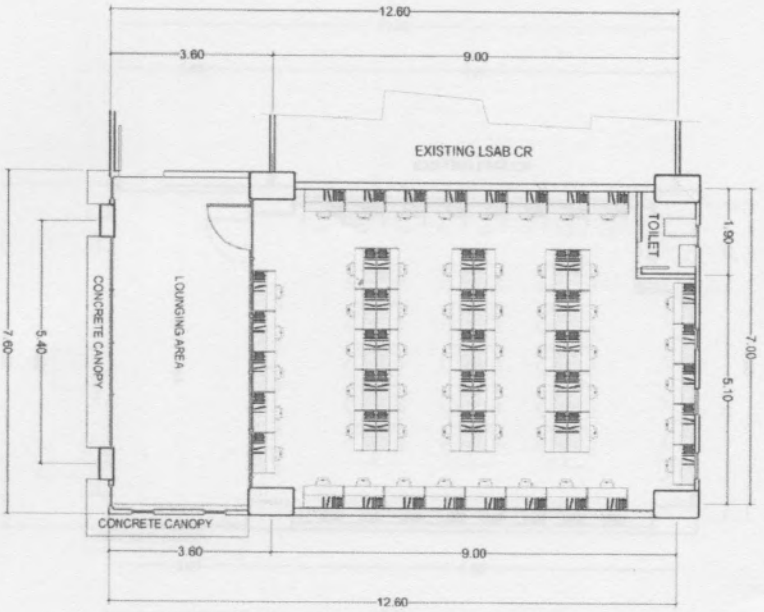
Approved By:  
 RENATO M. SOROLLA, PH.D.  
 SAC/RESIDENT II

SHEET NO.

FACULTY ROOM (CAS DEPT.)  
 GROUND FLOOR PLAN  
 SCALE 1:150 M



FACULTY ROOM (COE DEPT.)  
 SECOND FLOOR PLAN  
 SCALE 1:150 M





REPUBLIC OF THE PHILIPPINES  
 CARLOS HILADO MEMORIAL STATE COLLEGE  
 OFFICE OF THE PRESIDENT, PLANT PRODUCTION AND MANAGEMENT  
 PROJECT TITLE  
 DESIGN AND BUILD FOR THE PROPOSED  
 LEAD BUILDING - TERMINATION PHASE  
 PROJECT LOCATION: TALIBAY CAMPUS

Prepared by:  
 ENGINEER G. JOVEL  
 DRAFTSMAN-01

Recommending Approval:  
 ARCHITECT

PROV. DIRECTOR

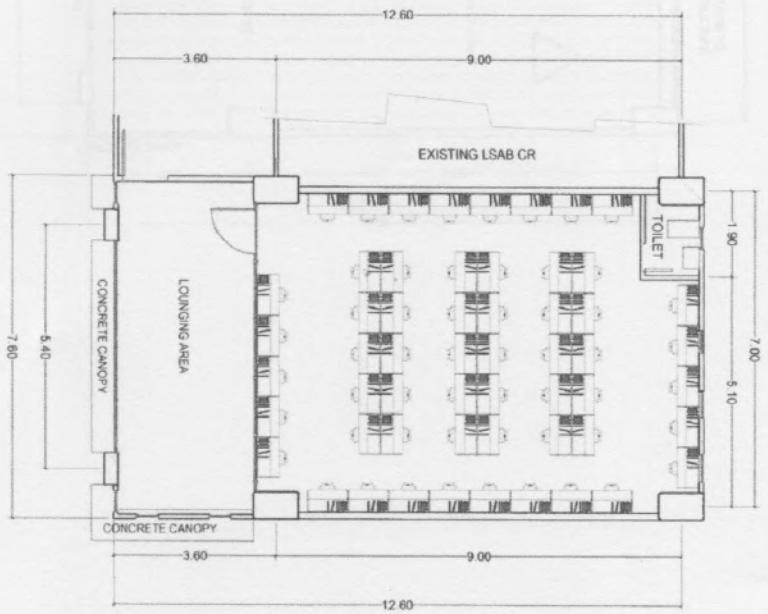
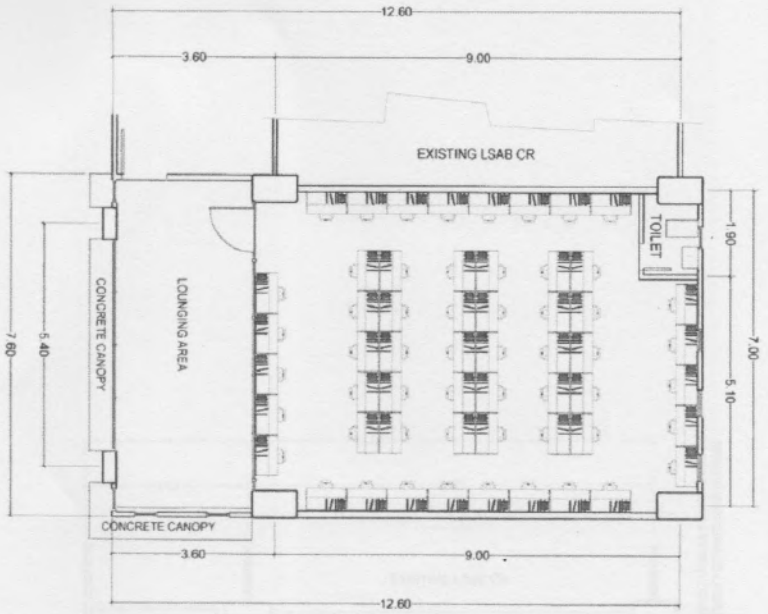
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

Approved By:  
 EDUC. M. SOROLLA, PH.D.  
 EDUC. PRESIDENT II

SHEET NO.

FACULTY ROOM (CIT DEPT.)  
 THIRD FLOOR PLAN  
 SCALE 1:150 M

FACULTY ROOM (CIT DEPT.)  
 FOURTH FLOOR PLAN  
 SCALE 1:150 M





REPUBLIC OF THE PHILIPPINES  
 OFFICE OF THE PUBLIC PLANT OPERATIONS AND MAINTENANCE  
 PROJECT TITLE:  
 DESIGN AND BUILD FOR THE PROPOSED  
 LEAD BUILDING TERMINATION PHASE  
 PROJECT LOCATION: TALISAY CAMPUS

Prepared by:  
 JOHNNY G. JOVEL  
 DRAFTSMAN/CIT

Recommending Approval:  
 ROBERT A. JOSEPH, UAP  
 ARCHITECT

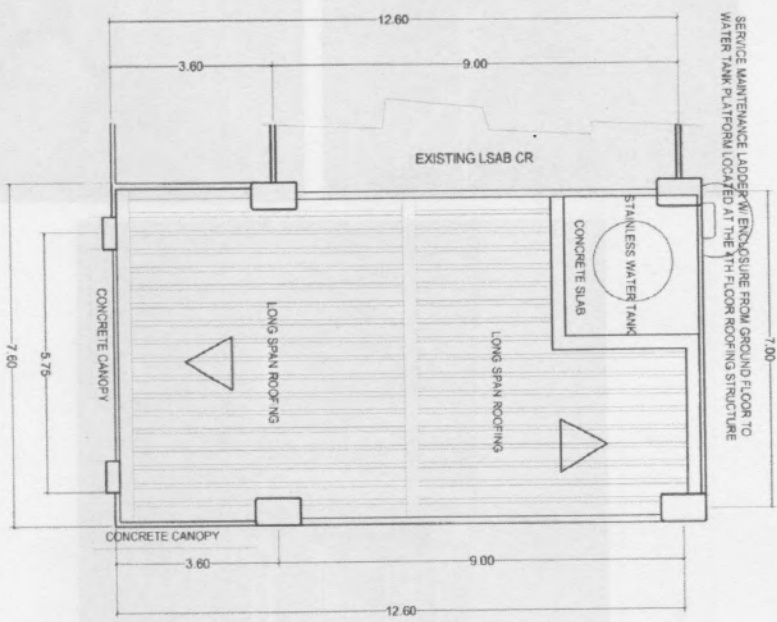
FERDINAND SORRENTA, PH.D.  
 FROM DIRECTOR

ANTONIO L. DERRA, PH.D., T.N.  
 VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

Approved By:  
 RENATO M. SOROLA, PH.D.  
 SAC PRESIDENT III

SHEET NO.

4th FLOOR ROOF PLAN WITH WATER TANK PLATFORM  
 SCALE 1:150 M



DRAWING