ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

PHILIPPINE BIDDING DOCUMENTS

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

Sixth Edition
July 2020

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(ISAT U MC INFRA-2025-10-23)

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BAGONG PILIPINAS

Invitation to Bid for the CONSTRUCTION OF UNIVERSITY CAFETERIA

1. The **Iloilo Science and Technology University – Miagao Campus**, through **FY 2025-Fund 164** intends to apply the sum of **TWO MILLION FIVE HUNDRED THOUSAND PESOS ONLY (Php 2,500,000.00)** as the Approved Budget of Contract (ABC) to payments under the contract for the **Construction of University Cafeteria** with Project Reference No. **ISAT U MC-INFRA-2025-10-23**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **ISAT U Miagao Campus** invites bidders for the above procurement project. Delivery of Services is required within **150 Calendar Days upon the receipt of the Notice to Proceed**. Bidders should have completed within the **last five (5) 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 non-discretionary "*pass/fail*" criterion as specified in the RA 12009 or the New Government Procurement Act".

4. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

5. Interested bidders may obtain further information from **ISAT U Miagao Campus** and inspect the Bidding Documents at the address given below during **office hours from 7:30 am to 4:00 pm.**

6. A complete set of Bidding Documents may be acquired by interested bidders on **October 29, 2025 – November 10, 2025,** in the address stated below upon payment of the applicable fee for the Bidding Documents. Pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos (Php 5,000.00) only.** It may also be downloaded free of charge from the website of the Philippine Government Electronics Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than abovementioned deadline.

7. The **ISAT U Miagao Campus** shall allow the bidder to present its proof of payment for the fee by emailing a copy of the official receipt at miagao.bac@isatu.edu.ph or presentation of the official receipt in person.

8. The **ISAT U Miagao Campus** will hold a Pre-Bid Conference **at 8:30 AM, on October 28, 2025** at the **BAC Conference Room of ISAT U Miagao Campus and via videoconferencing application** which shall be open to prospective bidders. All interested bidders are advised to contact the BAC Secretariat through email or landline, in advance or prior to the scheduled procurement activity for the Google application meeting.

9. Bids must be duly received by the BAC Secretariat through manual submission at the address below on or before, **November 11, 2025 at 5:00 PM**. Late bids shall not be accepted. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 17.

10. Bid opening shall be on **November 12, 2025** at **8:30 AM** at the **BAC Conference Room of ISAT U Miagao Campus and via videoconferencing application.** Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

    We kindly enjoin bidders of the requirement to have at least one (1) representative physically present/virtually during the Bid Opening at the ISAT U Miagao Campus, Igtuba, Miagao Campus. It is important to note that submitted bids without a representative during the Bid Opening will still be evaluated. However, please be aware that if any questions or clarifications arise from the BAC, bidders who did not have a representative present will not permitted to contest or provide further input.

11. **The ISAT U Miagao Campus** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 64 and 70 of the IRR of RA 12009, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

MS. WENEFREDA N. NOLADA
BAC Secretariat Section
ISAT U – Miagao Campus
Igtuba, Miagao, Iloilo
Tel No.: 315-8164 loc 121
Email: miagao.bac@isatu.edu.ph
Fax: (033) 315-9755
Website: www.miagao.isatu.edu.ph
FB Page: Bac Isatu Miagao Campus

SOLIMAR F. MORADAS, DIT
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **Iloilo Science and Technology University - Miagao Campus** wishes to receive Bids for the **Construction of University Cafeteria** with Project Identification Number **ISAT U MC-INFRA-2025-10-23.**

The Procurement Project referred to herein as the "Project" is composed **one (1) lot**, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **FY 2025** in the amount of **Two Million Five Hundred Thousand Pesos Only** (**Php 2,500,000.00).**

2.2. The source of funding is:

a. NGA, the National Expenditure Program.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

ISAT U Miagao Campus required the bidder to use the prescribe form or template of the Program of Works and Bill of Quantities. Likewise, it is required to provide a detailed estimate which includes labor and equipment.

ISAT U Miagao Campus requesting the Bidder to use the **A4** size of bond paper in all bidding documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

7. Subcontracts

The Procuring Entity has prescribed that:

b. <u>Subcontracting is not allowed.</u>

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address stated below as indicated in paragraph 7 of the **IB.**

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in ***Section IX (Checklist of Technical and Financial Documents)***.

10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.

10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.

10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in ***Section IX (Checklist of Technical and Financial Documents)***. If possible, all financial documents or forms should be entered computerized.

11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation,

except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

14.2. Payment of the contract price shall be made in:

a. Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **120 Calendar Days.** Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

ISAT U Miagao Campus is requesting for additional two (2) hard copies of the Bid which shall be marked as "Copy 1" and "Copy 2". (Please see attached "Annex A").

Failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 8 of the **IB.**

18. Opening and Preliminary Examination of Bids

18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

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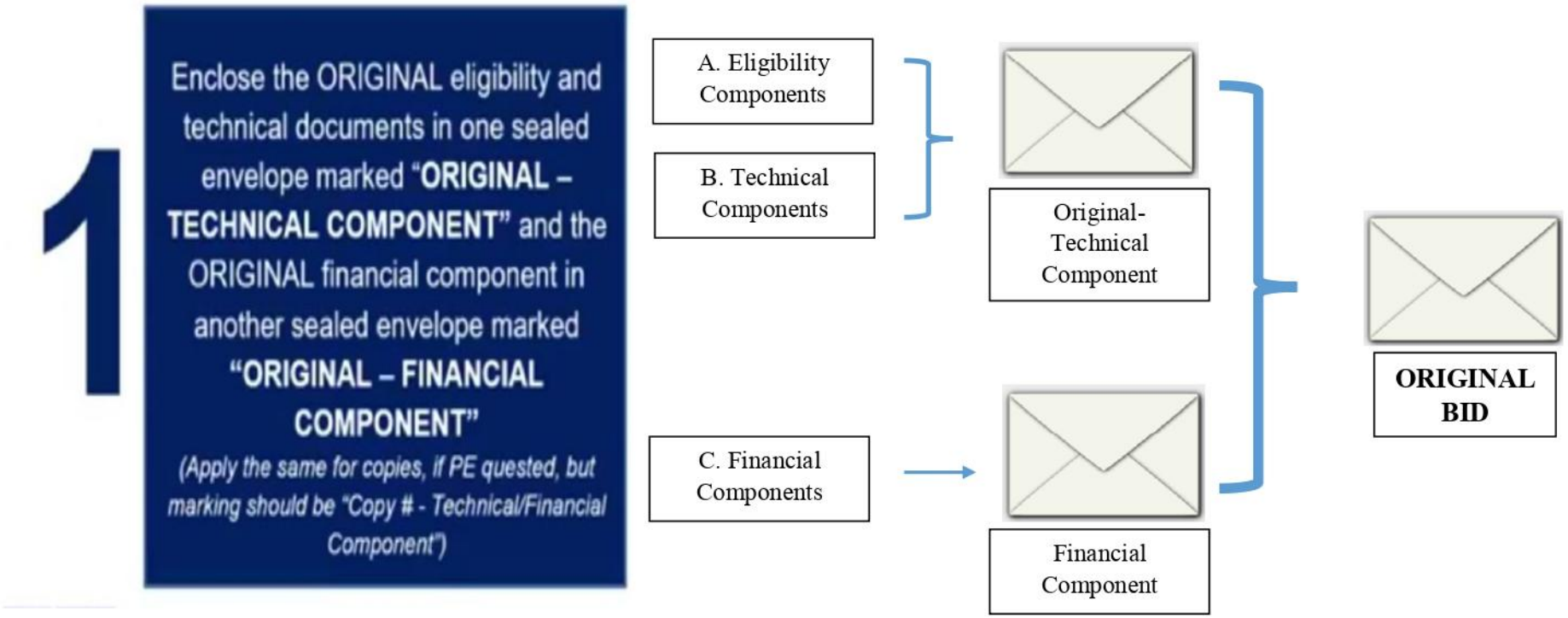
SEALING AND MARKING OF BIDS "Annex A"



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SEALING AND MARKING OF BIDS "Annex A"

2 Seal both envelopes in an outer envelope marked **"ORIGINAL BID"**

(Apply the same for copies, if PE requested, but marking should be "Copy # of Original Bid")

3 The ORIGINAL Technical/Financial Envelope and the COPY Envelopes, if any, shall be CONTAINED in **ONE ENVELOPE**

ORIGINAL BID

COPY 1

COPY 2

MAIN ENVELOPE

Republic of the Philippines
Iloilo Science and Technology University
Miagao Campus
Miagao, Iloilo
Trunkline: (+6333) 315-8164 | Telefax: (+6333) 315-9755
https://www.miagao.isatu.edu.ph

SEALING AND MARKING OF BIDS “Annex A”

Sample:

CONSTRUCTION OF UNIVERSITY CAFETERIA

Project Reference No. ISAT U MC-INFRA-2025-10-23

Company Name

Address

OFFICE OF THE BIDS AND AWARDS COMMITTEE

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY

Miagao Campus

Miagao, Iloilo

Section III. Bid Data Sheet

ITB Clause	
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: **Construction of University Cafeteria**
7.1	Subcontracting is not allowed. **No further instructions.**
10.4	The key personnel must meet the required minimum years of experience set below: <u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u> Architect 5 years minimum Construction Project Project Engineers 5 years minimum Construction Project Materials Engineers 5 years minimum Construction Project Foreman 5 years minimum Construction Project
10.5	The minimum major equipment requirements are the following: **Project Duration 150 calendar days upon the receipt of the Notice to Proceed** To Supply necessary materials, provision of labor, equipment and all necessary work for the project as specified with plans and scope of work
12	**No further instructions.**
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than **<u>Php 50,000.00</u>**, if bid security is in cash, casier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than **<u>Php 125,000.00</u>**, if bid security is in Surety Bond.
17	Online Submission is **NOT** allowed. **No further instructions.**
19.2	Partial bids are **NOT** allowed. **No further instructions.**
20	Not applicable. **No further instructions.**
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

2. Sectional Completion of Works

If sectional completion is specified in the Special Conditions of Contract (SCC), references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

3.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the SCC, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with ITB Clause 10.3 and specified in the BDS, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in Cash or Cashier's or Manager's Check issued by a bank pursuant to Section 68.4 of the IRR of RA No. 12009.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

7.1. From the time project construction commenced up to final acceptance, the contractor shall assume full responsibility for the following:

a. Any damage or destruction of the works except those occasioned by force majeure; and
b. Safety, protection, security, and convenience of its personnel, third parties, and the public at large, as well as the works, equipment, installation and the like to be affected by its construction work.

7.2. One (1) year from project completion up to final acceptance or the defects liability period:

a. The contractor shall undertake the repair works, at its own expense, of any damage to the infrastructure on account of the use of materials of inferior quality, defects in the construction, or due to any violation of the terms of the contract, within ninety (90) calendar days from the time the HoPE has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the Procuring Entity shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.
b. The defects liability period shall be covered by the performance security of the contractor required in Section 68 of this IRR, which shall guarantee that the contractor performs its responsibilities stated in the immediately preceding Section. If the contractor fails to comply with its obligations under Section 90.2.2 (a) of this IRR, the Procuring Entity shall forfeit its performance security, subject its properties to attachment or garnishment proceedings, and may impose the appropriate penalty under Sections 99, 100, and 101 of this IRR. All payables of the GoP in its favor shall be offset to recover the costs.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.
If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined prima facie by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.

11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the SCC, subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the SCC, materials and

equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the SCC.

15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the SCC from payments due to the Contractor.

Section V. Special Conditions of Contract

GCC Clause	
2	**Completion of the Works by Section/Sectional completion does not apply.**
4	Condition does not apply, project site is turned over to contractor in full upon issuance of NTP until completion of the project.
7.2	Condition does not apply, Defects liability period is 1 year after Certificate of Acceptance. (only for new construction)
8	Upon the specified end of contract duration, liquidated damages shall be computed in the amount equal to 1/10th of 1% of the cost of the unperformed portion of the scope of works for everyday of delay. *In the event the Contractor refuses or fails to satisfactorily complete the work within the specified contract time, plus any time extension duly granted, and is in default with the agreement, the Contractor agrees to pay the Procuring Entity/Implementing Agency for liquidated damages. The Procuring Entity/Implementing Agency shall have the option to deduct the liquidated damages from payment or any money due or which my become due to the Contractor and /or collect such liquidated damages from the retention money or other securities posted by the Contractor whichever is convenient to the Procuring Entity/ Implementing Agency. Once the cumulative amount reaches ten percent (10%) of the amount of the contract, the Procuring Entity/Implementing Agency may rescind the agreement without prejudice to other courses of action and remedies open to the Procuring Entity/lmplementing Agency.*
10	Day works are applicable at the rate shown in the contractors original bid.
11.1	Not applicable, Program of Works and Bill of Quantities are already included in Bid Documents and form part of the contract.
11.2	**No further instructions.**
13	15% of the total Contract Price, shall be released upon mobilization of manpower and equipment.
14	Materials and equipment delivered on the site but not completely put in **place shall not be included for payment**. Minimum of **20%** physical accomplishment is required to request for first partial payment.
15.1	Not applicable.

Section VI. Specifications

Project: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location: **ISATU MIAGAO CAMPUS, MIAGAO, ILOILO**

I. GENERAL CONDITIONS

A) SCOPE AND PURPOSE

These General Conditions form an integral part of the construction contract and apply to all sections of the specifications. They define the rights, responsibilities, and relationships of the parties involved in the project: the Owner, the Architect/Engineer, and the Contractor. These conditions should govern the execution, performance, and completion of the work.

The work to be done shall be of the highest quality workmanship and unless otherwise specified by the Architect or the Owner, shall be executed in conformity with the approved standard practice of construction.

B) PLANS AND SPECIFICATIONS

The plans and specifications are complementary documents. Any item mentioned in the specifications but not shown on the drawings or shown on the drawings/plan but not mentioned in the specifications, shall be considered as if included in both, provided no numerical dimensions are indicated on the plans.

All drawings must be followed carefully according to scale. However, when numerical dimensions are provided, those figures shall take precedence over the scaled measurements.

In the event of any discrepancies between the figures and the drawings, the issue must be reported to the Architect immediately, and no adjustments shall be made without the Architect's prior approval.

C) CLEARING CORNER STAKES, BASE LINES AND GRADES

The Contractor shall clear the building site up to a distance of three (3) meters in all directions from the building line, unless otherwise indicated in the plans or specified in the contract, and shall do so without additional compensation. However, if an existing street is located less than three (3) meters from the building line, the Contractor shall not be required to clear beyond the edge of that street.

II. EARTHWORKS

A) EXCAVATIONS AND BACKFILLING

All excavation shall be conducted using appropriate equipment and techniques to avoid disturbance to surrounding structures and utilities. The work shall include excavation for foundations, footings, trenches, pits, and other structures. Footings shall not be placed on fill. Any excavation carried below the specified grade without approval shall be corrected at the Contractor's expense, including the use of approved compacted backfill or concrete as directed.

B) FILLING MATERIALS

1. Common fill - Approved excavated material free of roots, stumps, debris, and large stones (usually not exceeding 100 mm in diameter). Imported fill may be required if excavated material is unsuitable.
2. Select fill -shall be gravel, crushed gravel, crushed rocks or their combinations, free from undesirable matters.

C) PLACING FILL

1. The subgrade or surface upon which fill is to be placed shall be properly prepared, cleared of loose material, debris, and organic matter.
2. Soft, spongy, or unstable areas shall be removed and replaced with approved fill or stabilized as directed by the Engineer.
3. If required, the surface shall be scarified and compacted to ensure proper bond with the first layer of fill.
4. Fill shall be placed in horizontal layers not exceeding 200 mm in loose thickness (or as specified).
5. Each layer shall be spread evenly and compacted before placing the next.

D) FINISH GRADING

1. Finish grading shall be performed after the completion of all excavation, filling, backfilling, and compaction activities.
2. The surface shall be brought to the required lines, grades, elevations, and slopes as indicated in the plans.
3. The area shall be smooth, uniform, and free from irregularities, soft spots, loose material, debris, and standing water.

E) TOP SOIL

Materials from excavations suitable for topsoil shall be deposited in piles separate from other excavated materials and shall be protected and maintained until needed.

F) BATTERBOARDS

Pest free lumber shall be used for battering board

Second class, pest free lumber assembled and rendered secure for proper delineation of building lines and grades. (Stock materials from the owner)

III. CONCRETE WORKS

A) MATERIALS

1. **Cement -** shall meet the requirements for Portland cement with regards to strength, soundness and setting time. Use Union, APO cement, Mindanao cement or approved equal. Must be approved by Engineer from accredited supplier
2. **Reinforcing steel bars** - shall be of quality grade and billet steel bars as specified. Use steel conforming to ASTM standards, deformed, for concrete and masonry reinforcements. Use GA. 16 G.I. Tie wires at joints or laps and mechanical splice per structural plan or ACI 318
3. **Fine aggregates** - shall consist of clean, hard, durable particles free from clay, silt, salt, and organic matter. Use 38 mm. (1 1/2") maximum for slabs and 19 mm. (3/4") for columns and beams.
4. **Coarse aggregates** - shall consist of crushed or clean stone or gravel
5. **Water** - clean, free from injurious amounts of oil, acids, alkali, organic materials and other deleterious substances.
6. **Sand** - clean washed sand, strong, durable and free from organic materials.
7. **Forms** - for exposed interior and exterior concrete surfaces shall be of plywood thoroughly cleaned and tied together with approved corrosion resistant devices, for hidden concrete surfaces thick plywood shall be used, the inside of forms shall be coated with oil thoroughly wetted with clean water.

B) CONCRETE MIXTURE PROPORTIONS

1. **Class A – 1:2:4**

   Strength: 20.7 MPa (3,000 psi)

   Application: For footings, beams, columns, and suspended slabs.

2. **Class B – 1:2½:5**
   Strength: 17.2 MPa (2,500 psi)
   Application: For slabs on fill.
3. **Class C – 1:3:6**
   Strength: 13.8 MPa or (2,000 psi)
   Application: Generally

C) PLACING OF CONCRETE:

Place concrete within 90 minutes of batching .Concrete shall be deposited as nearly as practicable on its final position to avoid segregation due to re-handling and flowing. Once concreting has started it shall be carried on its continuous operation until the placing of the section or panel is completed or to cut on its construction joints as determined by the Architect or the Architect or Engineer. The top surface shall be generally level. Use mechanical vibrators for thorough compaction.

IV. MASONRY WORKS

A) MATERIALS

1. Concrete hollow blocks (CHB) - Use 100 mm. (4") and 150 mm. (6") thickness as indicated in the plans. Blocks must be well-cured and free from cracks or defects.
2. Mortar proportions- consist of one part cement and two parts of sand.

B) INSTALLATION

This specification covers the materials, workmanship, and construction requirements for Concrete Hollow Block (CHB) laying, including alignment, jointing, reinforcement, and curing.

CHBs shall be laid true to line, level, and plumb, and vertical and horizontal reinforcement shall be installed as indicated in the structural drawings. Reinforced block cores shall be filled with grout or concrete (1:2:4 mix) in proper lifts to avoid cold joints. Block laying shall begin at corners and proceed toward the middle using a running bond pattern with vertical joints staggered. Mortars shall be applied to both bed and head joints, ensuring a joint thickness of 10mm ± 2mm. Lastly, Reinforcement bars shall be layered horizontally and 0.60m vertical and horizontal spacing as shown in the plans.

V. CARPENTRY WORKS

A) MATERIALS

All carpentry works shall be executed in accordance with the latest applicable building codes, project drawings, and specifications. Materials used shall be of the best quality and suitable for their intended purpose.

1. **Lumber** - shall be properly seasoned, straight-grained, free from warping, sapwood, cracks, and insect infestation.
2. **Plywood**
   a. All plywood used in construction shall conform to the requirements of the National Building Code of the Philippines (NBCP) and relevant Philippine National Standards (PNS).
   b. 6.5 mm. thick marine plywood - for ceiling panels and interior partitions.
3. **Hardwares and fasteners** - All hardware and fasteners used in the project shall be of first-class quality, durable, and appropriate for their intended use, subject to the approval of the Architect or Engineer.

B) ROUGH CARPENTRY

All works shall be fitted and accurately get and rigidly secured in place. Cutting and fitting to accommodate other works shall be done as required and in good workmanship.

VI. ROOFING

A) MATERIALS

1. Pre-painted long span Rib type Roofing and Accessories-for main roofing
2. Steel trusses - for roof framing as indicated in the plans

VII. DOORS

1. **Panel door** - the panels door shall be a solid core wood door constructed with a durable hardwood frame and engineered stiles and rails to provide stability and resistance to warping. The door shall feature raised or recessed panels, crafted from either solid wood or high-quality plywood, designed to meet the specified architectural style. The core shall be a high-density particleboard, polystyrene, or honeycomb cardboard core for interior doors, or solid wood or mineral core for exterior doors, providing strength, sound insulation, and fire resistance as required. The door surface shall be finished with a smooth veneer or painted finish according to project requirements. The Architect shall approve main door design.
2. **Flush type door** (kitchen door, double action swing) - all framing, solid cores, lock blocks, ribs, edging, core veneers and face veneers shall be of selected grade tangle and free from loose and unsound knots or other imperfections that may impair its strength and appearance. Plywood shall be 6 mm. (1/4") thick face veneers of selected grades and color. Use marine plywood on both faces.

   Double action hinges shall be high-quality, heavy-duty hinges designed to allow doors to swing in both directions and return to a closed position automatically. The hinges shall be manufactured from stainless steel (grade 304 or 316) or brass with a corrosion-resistant finish suitable for interior or exterior applications. Each hinge shall consist of two leaf plates connected by a double pivot mechanism with adjustable tension springs to control the closing force.
3. **Dutch door** - shall be a two-part horizontal split door designed to allow the top half to open independently of the bottom half. The door shall be fabricated from solid hardwood or engineered wood with a minimum thickness of 35mm (1-3/8 inches), unless otherwise specified. The door construction shall include a robust frame and stile assembly, with mortise-and-tenon joints or equivalent joinery to ensure strength and durability. Panels shall be recessed or flush, as per design requirements, and finished smoothly.
4. **PVC Door** - VC (Polyvinyl Chloride) doors shall be factory-manufactured, pre-finished, and ready for installation, designed for use in interior spaces such as toilets. The door shall be made from rigid, high-impact uPVC material, with a thickness of not less than 24mm to 30mm, depending on manufacturer’s design and usage classification. The door panel shall be hollow-core or honeycomb-core reinforced with internal ribs or stiffeners to prevent warping or deformation. Surfaces shall be smooth, non-porous, waterproof, termite-proof, corrosion-resistant, and easy to clean.

VIII. WINDOWS

Windows are as indicated in the schedule of doors and windows.
Use gray glass panels on ”Analoc” aluminum frame.

IX. FINISHINGS AND PAINTING WORKS

1. Plain cement finish - consisting of one (1) part of cement and two (2) parts of clean, washed sand. Workmanship shall be even, clean, plumb and true to line. For building exterior and portions in the interior as directed by the Architect.
2. Special Finishes
   - Quality tiles – for areas specified in the plans
3. Painting - All painting works shall be carried out in accordance with the approved architectural plans. Only first-class, brand-new, and approved materials shall be used. Paints shall be supplied in the manufacturer's original sealed containers, clearly labeled with type, color, batch number, and date of manufacture. The type of paint to

be used shall be appropriate for the substrate and exposure conditions — acrylic latex paint for concrete and masonry walls.

a. Mix paint with proper consistency. Apply paints evenly and brush efficiently to minimize brush marks.
b. Stir paint thoroughly to keep pigment in even suspension when paint is being applied.
c. Except as otherwise directed by the Architect, apply paints in three coats (priming, body and finish). Allow each coat to dry thoroughly before the succeeding coat is applied. In general, unless otherwise instructed by the Architect, provide not less than 48 hours as the time between the applications of succeeding coats. Let the Architect or his representative inspect and approve each coat before the succeeding coat is applied.
d. If surfaces are not fully covered or cannot be satisfactorily finished in the number of coats specified, apply subsequent coats to attain the desired evenness of paint without extra cost to the Owner.
e. Touch up knots, pitch streaks, sappy spots, etc. where finish calls for interior paint or enamel. For exteriors, use an approve sealer.
f. Sand smooth woodwork to be finished with enamel or varnish. Use fine sand paper between coats of enamel or varnish applied to wood or metal to produce an even smooth surface.
g. Do not paint exterior while surface is damp or during rainy or damp weather.
h. Do necessary puttying of nail holes, cracks, etc. after the prime coat has been applied. Bring putty flush with adjoining surface in a neat, workmanlike manner.
i. Tint undercoats of paint or enamel to same or approximate shade of final coat.
j. Protect to remove hardwares, hardware accessories, plates, lighting fixtures and other similar items during the painting operation and reinstall them after completion of work. Use top quality or first-class paint brand or approved equal.

ELECTRICAL SPECIFICATIONS

E-101

All electrical works shall be carried out in accordance with the latest edition of the National Electrical Code (NEC) or local electrical regulations, as applicable. The electrical system shall include, but not be limited to, the supply and installation of conduits, wiring, switchgear, panelboards, lighting, power outlets, earthing, and all necessary accessories for a complete and operational system. All materials and workmanship shall be new, of high quality, and approved by relevant authorities (UL-listed or equivalent).

E-102

All Electrical works shall be done in accordance with the Rules and Regulations and Ordinances of the local enforcing authorities and the requirements of the Local Power Company.

E-103

All materials and workmanship shall be new, of the highest quality, and approved by Technical Working Group (TWG) and the designated supervising personnel. Materials shall be UL-listed or possess an equivalent certification where applicable.

E-104

All duplex convenience outlets and lighting pole switches shall be “Flush Type” rated for the FF

- Lighting outlets – 10 A
- Convenience outlets – 20A
- SPO (Special Purpose Outlets), Refrigerator/Freezer, Range outlets – 30A

E-105

Mounting heights of Panel boards, switches and outlets shall be suited according to requirements indicated and location shall be in accordance with the plan, unless certain changes may apply, the changes will be subjected for approval of TWG and the Architect/Engineer.

E-106

All terminations shall be done on junction boxes with cover of approved type.

E-107

All Circuit Breakers shall have proper voltage rating and ampacity rating according to usage and of approved type according to Philippine Standards and National Electrical Code.

E-108

All fluorescent lamp shall be provided with normal power factor ballast on industrial type frame unless otherwise specified by the Supervising Electrical Engineer in conformity with the latest edition of the Philippine Electrical Code.

E-109

Convenience outlets – must be of quality, white, flush type plates, with amperage as required.

E-110

Switches – must be of quality, white, flush type plates, with amperage as required.

E-111

Wires - All electrical wires used in the project shall be copper conductors, soft-drawn, and 99.9% pure, complying with the latest edition of the Philippine Electrical Code (PEC). Wires shall be insulated with thermoplastic high-heat resistant nylon-coated (THHN/THWN) or equivalent, suitable for use in dry and damp locations.

E-112

Conduits - All non-metallic conduit installations shall utilize polyvinyl chloride (PVC) conduits, designed for electrical installations. PVC conduits shall conform to the applicable provisions of the Philippine Electrical Code
(PEC)

E-113

Provide adequate and effective grounding system.

GENERAL PLUMBING NOTES

A) GENERAL

1. All plumbing works herein shall be done in accordance with the latest edition of the Plumbing Code of the Philippines and existing local ordinance shall be done under the direct supervision of a duly licensed Sanitary Engineer or Master Plumber.
2. It is not intended that the drawing shall show every pipe fitting valve, and appliances, furnish and install, if necessary, all such items whether specifically mentioned or not, or indicated on drawings, to complete system in accordance with the best practice of the plumbing trade.
3. All soil and waste pipes shall be properly aligned and installed at a uniform slope of not less than 2% (i.e., a minimum of 20 mm per meter) to ensure efficient drainage and to prevent sediment buildup or blockage. Pipes shall be securely anchored with supports at intervals not greater than 1500 mm, and in no case shall the spacing between supports exceed 2000 mm.

4. All sewer, soil and wastepipe lines shall be PVC pipes (SCH40), waterlines shall be P.P.R. pipes (PN20).
5. Pipes shall be installed as indicated, any relocation required for proper execution of other trades shall be with prior approval of the Master Plumber.
6. All vent-thru roof pipes shall have a clear roofing elevation of at least 300m.
7. All plumbing works shall be done under the direct supervision of the Master Plumber.
8. Septic vault should be located at a safety distance from a water source of potable water (i.g.) deep well to prevent contamination and preferably 25m away as per section 13(B) PD 856.
9. Septic vault shall be constructed watertight/waterproof to eliminate seepage.
10. Outflow from the septic vault shall be discharged directly to the street drainage. Drain pipe and catch basin discharging outflow from the septic vault shall also be constructed watertight/waterproof to prevent leakage to percolate to the ground.
11. As stated on PD 1096, otherwise known as the National Building Code of the Philippines, section 902. Water supply system: (a) whenever available, the potable water requirements for a building used for human habitation shall be supplied from existing municipal or city works system.
12. Materials and equipment necessary for work to be done under a permit when placed or stored on public properly shall not obstruct, free and convenient approach to and use of catch basins or manhole shall not interfere with any drainage of any street or alley.

B) TRAPS

1. Except for the presence of grease interceptor and other devices where the trap is an integral part of the equipment with a trap every fixture and other equipment requiring connection to the drainage system.
2. Set each trap as close as possible to the fixtures served and render level with respect to their water seal.

C) PIPE INSTALLATIONS

1. Pipes shall never be installed through structural elements such as columns, footings, beams, or other critical load-bearing members unless such penetrations are clearly indicated in the approved construction drawings or are supported by written approval from the Master Plumber and Engineer.
2. Support rigidly all piping along surfaces by means of approved support piping to maintain required position and pitching of line to prevent vibration and to secure piping in place arrange so as to provide for expansion and constructions.
3. Support exposed vertical runs of pipe with wrought iron clamps or collar spaced not over 3m. Apart. For risers, use heavy duty blacksmith construction friction clamps at their base on floors.

D) PLUMBING FIXTURES

Install all plumbing fixtures free and open in a manner to afford access for cleaning furnish with brackets cleats, plates and anchor required supporting the fixtures rigidly in place.

E) TAPPING TO FIXTURE

1. Make connection between fixtures and flanged and soil pipe absolutely gas free and water tight and sealed with an approved setting compound.
2. For pipe terminals intended to be tapped to fixtures, practice care and precision in determining outlet or inlet locations during the pipe installation stage and considering the specific finished space housing such fixtures.

3. For an array of fixtures in one space and where distance between fixture and fixtures to walls are critical, use guide templates in locating the exact sitting of fixtures that tapping point location supply drain pipes are pinpointed.
4. Tapping points shall be located as indicated in the approved plumbing layout, ensuring accessibility for installation, maintenance, and future servicing.

F) WATER PIPES, FITTINGS AND CONNECTION

1. Install all piping in strict accordance with the manufacturing instructions and specifications.
2. Make all run of water, piping as indicated in the drawing, cut all pipes accurately to measurements and works into place without wrinkling or forcing, nor causing structural portions of the building to weaken. Never bury any water piping in floors unless especially in the drawings or approved by the Master Plumber.
3. Keep away at a sufficient distance but not less than 1/2 inch (125mm) all service pipes, valves fitting from surface and location which may require finish coats or covering.
4. Extend the piping to all fixtures, outlet and equipment from required gate valves installed in each branch near risers.
5. Where branch serves more than one fixture, increase the size of the branch proportionally.
6. Caps or plug end of pipe and outlet, and leave ready for future connections.

G) OTHERS

1. Pipe shall be installed as indicated. Any relocation required for proper execution of other trade shall be prior for approval of the engineer.
2. All slopes for horizontal branch (sewer) shall maintain 2% minimum unless noted otherwise.
3. All fixtures shall be vented, unless otherwise indicated.
4. The contractor shall determine the actual location depth, and invert elevation of existing pipes and structure to conform to the proposed sanitary utilities.
5. Refer to technical specifications for detailed material and equipment specifications.

SUGGESTED SIZE OF SEPTIC TANKS IN METERS

NUMBER OF	INSIDE DIMENSION OF DIGESTION CHAMBER			
PERSON SERVED	D=DEPTH	W=WIDTH	L=LENGTH	Volume
10	1.20 M.	0.90 M.	1.80 M.	1.944 CU. M.
15	1.20 M.	1.10 M.	2.20 M.	2.904 CU. M.
20	1.2OM.	1.25 M.	2.50 M.	3.750 CU.M.
25	1.20 M.	1.40 M.	2.80 M.	4.704 CU.M.
30	1.30 M.	1.50 M.	3.00 M.	5.85 CU.M.
35	1.30 M.	1.60 M.	3.20 M.	6.65 CU.M.
40	1.40 M.	1.65 M.	3.30 M.	7.623 CU.M.
45	1.40 M.	1.75 M.	3.50 M.	8.57 CU.M.
50	1.50 M.	1.80 M.	3.60 M.	9.72 CU.M.
60	1.50 M.	1.95 M.	3.00 M.	11.4075 CU.M.
70	1.50 M.	2.00 M.	4.00 M.	12.00 CU.M.
80	1.60 M.	2.20 M.	4.40 M.	15.488 CU.M.
90	1.80 M.	2.30 M.	4.60 M.	19.044 CU.M.
100	1.80 M.	2.50 M.	5.00 M.	22.5 CU.M.

H) LOCATION/ FEATURES

1. Septic tanks should be located not less than 15m. away from potable water to prevent contamination.
2. Where there is public sewer pipe septic tanks are not allowed.

3. No septic tank shall be installed within or under a house.
4. The inlet and outlet are submerged so as not to disturb the sludge or scum.
5. The bottom of the tank should slope (1:10) minimum towards the manhole in the center to facilitate cleaning.
6. To cover and the manhole are usually extended 15cm. above the surface of soil to overcome surface water infiltration.

TECHNICAL DATA IN DETERMINING VOLUME OF SEPTIC TANK

1. Minimum width = 0.90 m.
2. Minimum width = 1.50 m.
3. Minimum depth = 1.20 m.
4. For residential = allocate 0.14 to 0.17 cubic of liquid per person.
5. To serve 12 persons = not more than 2.0 cu.m.
6. For school industrial establishment = volume should not be less than 0.057cu.m. or more than 0.086 cu.m. per person

VICINITY MAP

SCALE NTS

PERSPECTIVE

SITE DEVELOPMENT PLAN

SCALE NTS

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIALS

MIAG-AO, ILOILO

LAND USE & ZONING

LINE & GRADE

ARCHITECTURAL

STRUCTURAL

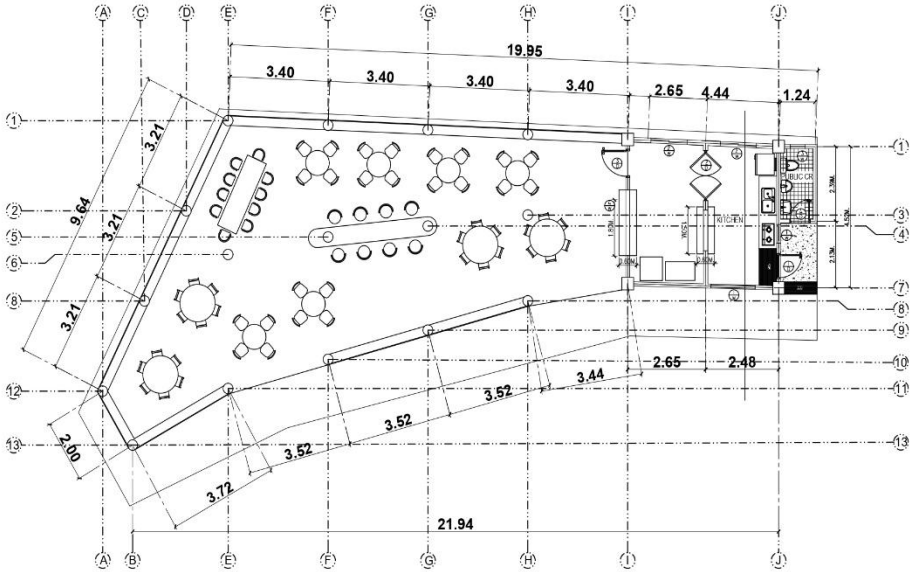
SANITARY

ELECTRICAL

MECHANICAL

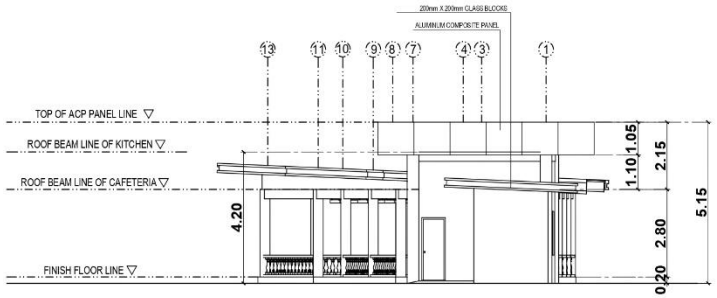
DONE IN THE OFFICE OF: REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPUS** MIAGAO, ILOILO	CERTIFIED BY: PTR NO.: REG NO.: ISSUED ON: VALID UNTIL: ISSUED AT: T.I.N.:	**NOTE:** These drawing instrument of service, are the property and documents of the author. It shall be unlawful for any person without the written consent of the authors of the said documents, to duplicate or copy of said document. **RA 9266 SEC. 33-34**	PROJECT TITLE: CONSTRUCTION OF UNIVERSITY CAFETERIA	RECOMMENDING APPROVAL: ELMER S. SEALONGO HEAD, PDAS	RECOMMENDING APPROVAL: RAMON N. EMMANUEL, JR.,Ph. D. CAMPUS ADMINISTRATOR	APPROVED BY: GABRIEL M. SALISTRE, JR., PEE, DIT SUC PRESIDENT III	SHEET CONTENT: AS SHOWN DRAWN BY: DATE START: DATE FINISH: REV NO.:	SHEET NO.: CS 01

LOCATION: ISAT U MIAGAO CAMPUS, ILOILO



FLOOR PLAN

SCALE 1:100MTS.



RIGHT SIDE ELEVATION

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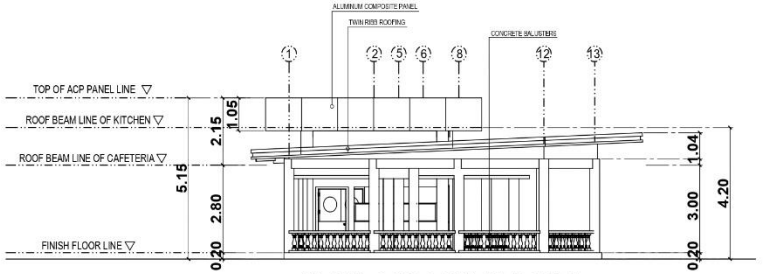

LEFT SIDE ELEVATION

SCALE 1 : 100M

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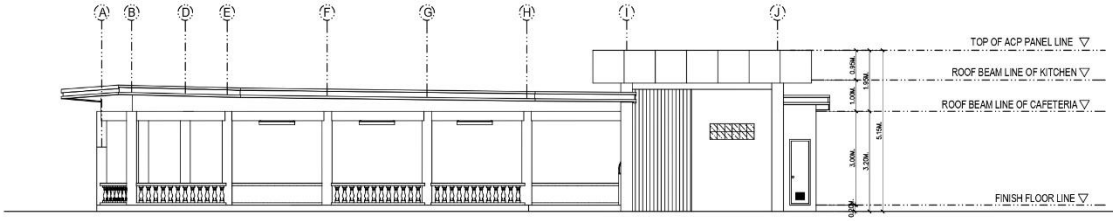
BUILDING OFFICIAL

ARCHITECTURAL



FRONT ELEVATION

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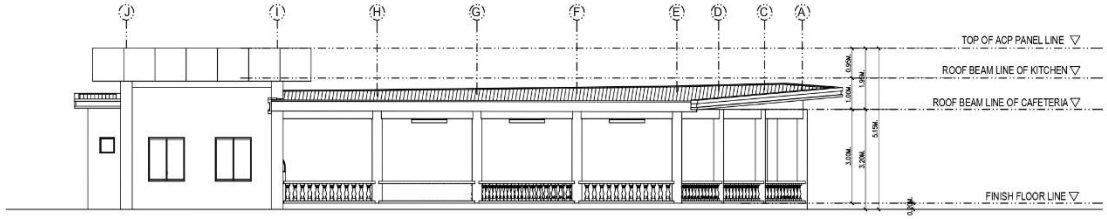
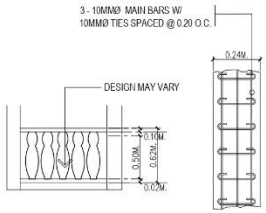


REAR ELEVATION

SCALE 1 : 100M



BALUSTERS DETAIL

SCALE NTS

SCHEDULE OF DOORS AND WINDOWS					
MARK	NO. OF PCS.	ELEV. FROM FLR. FIN.	SIZE		REMARK
			WIDTH	HEIGHT	
W-1	1	2.10M	1.50 M	0.50 M	GLASS BLOCKS
W-2	2	0.90M	1.20 M	1.40 M	ALUM FRAME W/ GLASS SLIDING WINDOW
W-3	1	1.80M	0.50 M	0.50 M	ALUM FRAME W/ GLASS AWNING WINDOW
W-4	1	0.90M	1.50 M	1.50 M	ROLL UP
D-1	1	0.00M	0.90 M	2.10 M	PANEL DOOR
D-2	1	0.00M	1.60 M	2.10 M	DOUBLE ACTION FLUSH (DOUBLE DOOR)
D-3	1	0.00M	0.90M	2.10 M	DUTCH DOOR
D-4	1	0.00M	0.70M	2.10 M	PVC DOOR

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REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPUS** MIAGAO, ILOILO				CONSTRUCTION OF UNIVERSITY CAFETERIA	ELMER S. SEALONGO	RAMON N. EMMANUEL, JR.,Ph. D.	GABRIEL M. SALISTRE, JR., PEE, DIT	AS SHOWN	A - 1
	PTR NO.:	REG NO.:		LOCATION: ISAT U MIAGAO CAMPUS, ILOILO				DRAWN BY:	
	ISSUED ON:	VALID UNTIL:						DATE START:	02
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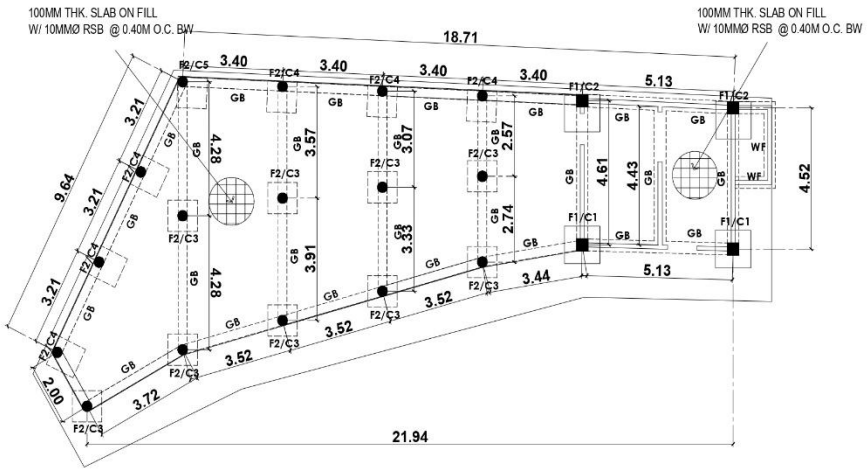
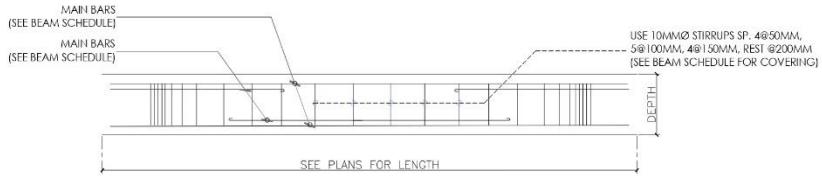


FOUNDATION PLAN

SCALE 1:100MTS.



BEAM DETAIL

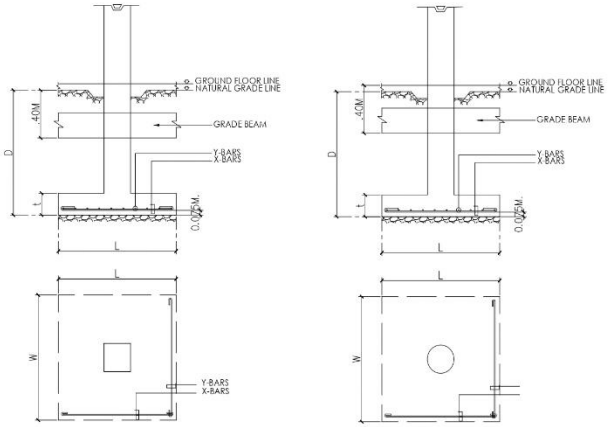
SCALE NTS

BEAM SCHEDULE

BEAM DESIGNATION	WIDTH MM	DEPTH MM	COVERING MM	LEFT - SUPPORT	MIDSPAN	RIGHT - SUPPORT	STIRRUPS
GRADE BEAM	250	300	50	WIDTH / DEPTH: 2-16MMØ DRSB, 3-16MMØ DRSB	WIDTH / DEPTH: 3-16MMØ DRSB, 2-16MMØ DRSB	WIDTH / DEPTH: 2-16MMØ DRSB, 3-16MMØ DRSB	10MMØ DRSB SP. 5@50MM, 5@75MM, 7@100MM,REST @150MM

COLUMN SCHEDULE

LEVEL	C1	C2	C3	C4	C5
GROUND FLOOR LEVEL TO ROOF LEVEL	MAIN BAR: 8 - 16mmØ; TIES: 10mmØ	MAIN BAR: 8 - 16mmØ; TIES: 10mmØ	MAIN BAR: 6 - 16mmØ; TIES: 10mmØ	MAIN BAR: 6 - 16mmØ; TIES: 10mmØ	MAIN BAR: 6 - 16mmØ; TIES: 10mmØ
TIES	10MMØ DRSB SP. 5@50MM, 8@75MM, 7@100MM, REST @150MM	10MMØ DRSB SP. 5@50MM, 8@75MM, 7@100MM, REST @150MM	10MMØ DRSB SP. 5@50MM, 5@75MM, 8@100MM, REST @150MM	10MMØ DRSB SP. 5@50MM, 8@75MM, 7@100MM, REST @150MM	10MMØ DRSB SP. 5@50MM, 8@75MM, 7@100MM, REST @150MM
REMARKS	CONCENTRIC FOOTING	EDGE FOOTING	CONCENTRIC FOOTING	EDGE FOOTING	CORNER FOOTING



SECTION OF F-C

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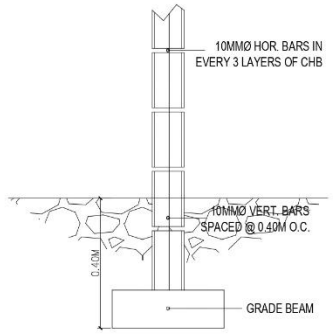
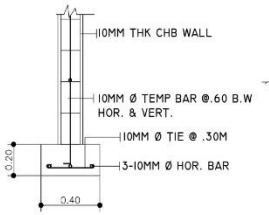


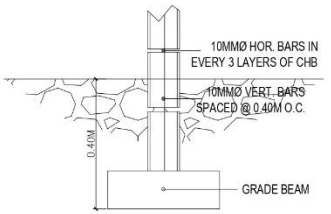
KITCHEN/PREPARATION AREA

FOOTING MARK	FOOTING DIMENSIONS (mm)				REINFORCEMENT		REMARK
	LENGTH (L)	WIDTH (W)	DEPTH (D)	THICKNESS (t)	BAR X	BAR Y	
F - 1	1200	1200	1500	300	9 - 16mmØ	9 - 16mmØ	SQUARE FOOTING
F - 2	1000	1000	1500	300	8 - 16mmØ	8 - 16mmØ	SQUARE FOOTING

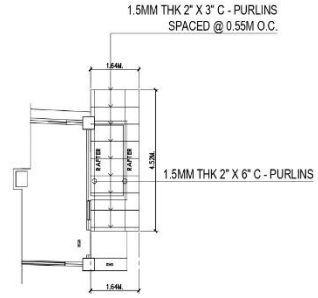


WALL FOOTING

SCALE 1:20M



CANTEEN AREA



CR ROOF FRAMING PLAN

SCALE 1:100MTS.

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DONE IN THE OFFICE OF:	CERTIFIED BY:		PROJECT TITLE:	RECOMMENDING APPROVAL:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.:
REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPU** MIAGAO, ILOILO	PTR NO.: / REG NO.: ISSUED ON: / VALID UNTIL: ISSUED AT: / T.I.N.:	**NOTE:** These drawing instrument of service, are the property and documents of the author. It shall be unlawful for any person without the written consent of the authors of the said documents, to duplicate or copy of said document. **RA 9266 SEC. 33-34**	CONSTRUCTION OF UNIVERSITY CAFETERIA LOCATION: ISAT U MIAGAO CAMPUS, ILOILO	ELMER S. SEALONGO HEAD, PDAS	RAMON N. EMMANUEL, JR.,Ph. D. CAMPUS ADMINISTRATOR	GABRIEL M. SALISTRE, JR., PEE, DIT SUC PRESIDENT III	AS SHOWN DRAWN BY: DATE START: DATE FINISH: REV NO.:	S - 1 03

CONSTRUCTION NOTES:

A. GENERAL NOTES:

1. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL COORDINATE WITH THE AR, ME, SE, FE, AND OTHER UTILITIES AND EQUIPMENT PLANS FOR THE EXACT SIZE, NUMBER AND LOCATIONS OF ALL SLEEVES OR OPENINGS THRU FLOOR SLABS, BEAMS AND WALLS AND ALSO BUILDING DIMENSIONS.
3. ALL REINFORCED CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI - 318 - 14 BUILDING CODE, AND ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS (LATEST EDITION) IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENTS.
4. ALL SLABS, BEAMS, GIRDERS AND OTHER STRUCTURAL ELEMENTS WHICH ARE NOT INDICATED, DETAILED, DESIGNATED OR INADVERTENTLY OMITTED BUT ARE NECESSARY TO BE COORDINATED WITH ARCHITECTURAL AND OTHER ALLIED ENGINEERING PLANS AS WELL AS TO COMPLETE THE STRUCTURAL WORKS IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT UP DURING PRE BIDS/MEETINGS/ NEGOTIATIONS. IT IS UNDERSTOOD THAT THE CONTRACTOR HAS PROVIDED AND INCLUDED ALL THESE ITEMS IN THEIR BID.

B. NOTES ON CONCRETE MIXES AND PLACING

1. UNLESS OTHERWISE INDICATED IN PLANS OR NOTED IN THE SPECIFICATIONS THE MINIMUM 28-DAYS CYLINDER COMPRESSIVE STRENGTH OF CONCRETE f'c, SHALL BE AS FOLLOWS:
   - 1.1 FOOTINGS: 21.00 Mpa. (3000 psi)
   - 1.2 PEDESTAL: 21.00 Mpa. (3000 psi)
   - 1.3 FOOTING TIE BEAM: 21.00 Mpa. (3000 psi)
2. CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, RE-HANDLING OR FLOWING. PLACING SHALL BE DONE PREFERABLY WITH BUGGIES, BUCKETS OR WHEEL BARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUGGIES, WHEEL BARROWS OR BUCKETS, IN WHICH CASE, THEY SHALL NOT EXCEED SIX THOUSAND (6000mm) IN AGGREGATE LENGTH.
3. NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATION IS EXTREMELY DIFFICULT TO ACCOMPLISH.

C. NOTES ON REINFORCING STEEL BARS

1. ALL REINFORCING STEEL BARS SHALL BE NEW BILLET, HOT ROLLED, WELDABLE, DEFORMED BARS CONFORMING TO THE SPECIFICATIONS OF PNS 49: 2022 (ASTM 615) WHOSE GRADE IS SHOWN ON TABLE 1.

TABLE-1	
GRADE	BAR DIAMETER
GRADE 414 (fy = 60 ksi)	25, & 28MM
GRADE 275 (fy = 40 ksi)	10 to 28 mm

2. THE SUPPLEMENTARY REQUIREMENTS OF WELDABLE DEFORMED REINFORCING BARS SHALL BE AS FOLLOWS:
   - 2.1 THE MAXIMUM YIELD STRENGTH OF WELDABLE BARS = 540 MPa.
   - 2.2 THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.
3. ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS, SECURED IN THE REQUIRED LOCATION IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE BUILDING CODE AND THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI - 315.
4. ALL REINFORCING BARS SHALL BE CLEANED THOROUGHLY OF ALL LOOSE RUST, SOIL OR OTHER MATERIAL IMMEDIATELY PRIOR TO PLACING CONCRETE.
5. THE REQUIRED LENGTH OF LAP FOR TENSION SPLICES IS BASED ON THE DEVELOPMENT LENGTH, Ld, SHOWN IN TABLE 2 AND TABLE 3 FOR RC BEAMS AND GIRDERS, RESPECTIVELY AND ON THE FOLLOWING CLASSIFICATIONS:

	TENSION SPLICE CLASSIFICATION	SPLICE LENGTH
CLASS B	CLASS A	1.0 Ld
	CLASS B	1.3 Ld

TABLE-2 DEVELOPMENT LENGTH, Ld, in TENSION						
BAR SIZE (mm)	f'c = 21.0 MPa (3,000psi)		f'c = 28.0 MPa (4,000psi)		f'c = 34.5 MPa (5,000psi)	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
16	390	300	390	300	390	300
20	750	600	650	500	580	450
25	1110	880	1010	780	910	700
28	1370	1080	1270	980	1140	870
32	1460	1300	1360	1200	1030	930

6. TOP BARS ARE HORIZONTAL BARS WITH AT LEAST 300 mm OF CONCRETE CAST BELOW IT.

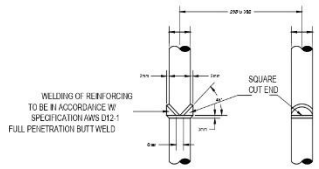
TABLE-3 DEVELOPMENT LENGTH, LD, IN TENSION FOR R.C. GIRDERS (PRISMATIC & NON-PRISMATIC)						
BAR SIZE (mm)	f'c' = 21 MPa		f'c' = 28 MPa		f'c' = 35 MPa	
	TOP BARS (mm)	BOTTOM BARS (mm)	TOP BARS (mm)	BOTTOM BARS (mm)	TOP BARS (mm)	BOTTOM BARS (mm)
16Ø	390	390	390	390	390	390
20Ø	650	650	580	580	580	580
25Ø	1130	1130	1010	1010	910	910
28Ø	1390	1390	1270	1270	1140	1140
32Ø	1860	1860	1660	1660	1480	1480
36Ø	2770	2770	2570	2570	2300	2300

NOTE: FOR BUNDLE BARS (3 BUNDLE) MULTIPLY ABOVE TABLE BY 1.3

7. THE REQUIRED LENGTH OF LAP FOR COMPRESSION SPLICES SHALL BE AS SHOWN IN TABLE 4.

TABLE-4 LENGTH OF LAP COMPRESSION SPLICES(mm)			
BAR SIZE (in/m)	f'c = 21.0 MPa (3,000psi)	f'c = 28.0 MPa (4,000psi)	f'c = 34.5 MPa (5,000psi)
16	320	320	320
20	600	600	600
25	750	750	750
28	820	820	820
32	950	950	950
36	1050	1050	1050

8. - A FULL WELDED SPLICES SHALL HAVE BARS BUTTED AND WELDED TO DEVELOP IN TENSION AT LEAST 125 PERCENT OF THE SPECIFIED YIELD STRENGTH fy, OF THE BAR. (SEE FIGURE 1)



TYPICAL WELDED SPLICE DETAILS FOR BARS 25Ø TO 36Ø

FIGURE 1

9. ALL WELDING OF REINFORCEMENT SHALL CONFORM TO THE PROVISIONS OF THE STRUCTURAL WELDING CODE-REINFORCING STEEL, ANS D1.4
10. A FULL MECHANICAL CONNECTION (REBAR SPLICER) SHALL DEVELOP IN TENSION OR COMPRESSION, AS REQUIRED, 125 PERCENT OF THE SPECIFIED YIELD STRENGTH fy, OF THE BAR. IF USED, SUBMIT SAMPLE FOR APPROVAL OF THE STRUCTURAL ENGINEER.
11. CLEAR CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:
    - 1) CONCRETE CAST AGAINST EARTH - 75 mm
    - 2) CONCRETE EXPOSED TO EARTH OR WEATHER-
      - 20 mm TO 36 mm BARS - 50 mm
      - 16 mm BARS AND SMALLER - 40 mm
    - 3) CONCRETE NOT EXPOSED TO EARTH OR WEATHER-
      - SLABS, WALLS, JOINTS - 20 mm
      - BEAMS AND COLUMNS - 40 mm

D. NOTES ON FOUNDATION

1. THE FOUNDATION IS DESIGNED FOR AN ASSUMED NET ALLOWABLE SOIL BEARING PRESSURE OF 144 KPa (3000 psf) AT MINIMUM DEPTH OF 1.5 METERS FROM THE NATURAL GRADE LEVEL.
2. NO FOOTING SHALL REST ON FILL. FOOTINGS FOR CHB WALLS AND OTHER MINOR STRUCTURES SHALL BE EMBEDDED AT LEAST 750mm FROM THE NATURAL GRADE LEVEL.
3. PROVIDE TEMPORARY REMOVAL OF WATER FROM ANY SOURCE DURING CONSTRUCTION. DEWATERING SHALL BE CAREFULLY AND PROPERLY PERFORMED TO AVOID DISTURBING THE FOUNDATIONS AND SLAB BEARING SURFACES.
4. CONTRACTOR SHALL DESIGN, INSTALL AND MONITOR EXCAVATIONS RETENTION SYSTEMS, AS REQUIRED FOR PROTECTION OF ADJACENT PROPERTIES AND PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO MINIMIZE SETTLEMENT AND PREVENT DAMAGE TO ADJACENT EXISTING OR NEW CONSTRUCTION.
5. PREPARE CONDITIONS OF CONCRETE SUPPLY AND PLACEMENT OF THE COMPLETE FOUNDATION FOR THE FULL THICKNESS AS A CONTINUOUS MONOLITHIC CASTING.
6. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL GROUND FLOOR SLABS HAVE BEEN PLACED AND THE CONCRETE HAS ATTAINED THE REQUIRED STRENGTH.
7. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS, REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING AND OTHER TRADES FOR SUBSOIL DRAINAGE SYSTEM, MACHINERY ANCHORS AND OTHER EMBEDDED ITEMS, DEPRESSIONS, FINISHES, DOWELS FOR MASONRY WALLS, CURBS, ETC.
8. SEE SEPERATE NOTES ON FOUNDATION FOR TOPICS WHICH WAS NOT INCLUDED HERE/IN.

E. NOTES ON SLAB-ON-GRADE

1. THE SOIL SUBGRADE AND FILL LAYERS BELOW ALL SLABS ON GRADE, PAVING AND PIT SLABS SHALL BE MECHANICALLY COMPACTED IN LAYERS TO A MINIMUM OF 95 PERCENT OF THE MODIFIED PROCTOR DENSITY, PER ASTM D1557.
2. ALL SLABS-ON-GRADE SHALL BE PROVIDED WITH A MINIMUM OF 100mm THK COMPACTED CLEAN GRAVEL BED.
3. UNLESS OTHERWISE NOTED, ALL BEDDED SLABS SHALL BE REINFORCED WITH 10mm BARS AT 250mm O.C. EACHWAY AT THE CENTER OF SLAB.
4. PLACE CONCRETE FOR ALL SLABS-ON-GRADE IN CHECKERBOARD FASHION BETWEEN CONSTRUCTION JOINTS IN AREAS NOT TO EXCEED 300 SQ. METERS WITH A MINIMUM OF 24 HOURS BETWEEN ADJACENT AREAS OF PLACEMENT. CONSTRUCTION JOINTS SHALL NOT BE FARTHER APART THAN 8.00 METERS IN ANY DIRECTION. ALL SLABS ON GRADE SHALL BE SAW CUT ON EACH GRID LINE AND MID BAY LINE (IN BOTH DIRECTIONS) WITHIN 24 HOURS AFTER CASTING.

F. NOTES ON CONCRETE WALLS

1. ALL WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF WALL REINFORCEMENT UNLESS OTHERWISE INDICATED IN THE PLANS. (REFER TO TABLE-5)

TABLE-5 SCHEDULE OF WALL REINFORCEMENT				
WALL THICKNESS (mm)	REINFORCEMENT		REMARKS	VERTICAL SECTION
	HORIZONTAL	VERTICAL		
100	10mm @ 250 o.c.	10mm at 300 o.c.	HORIZONTAL BAR AT CENTER VERTICAL BARS STAGGERED OUTSIDE	
125	10mm at 200 o.c.	10mm at 250 o.c.	DITTO	
150	12mm at 288 o.c.	12mm at 250 o.c.	DITTO	
175	20mm at 250 o.c.e.f.	12mm at 200 o.c.e.f.	DITTO	
200	10mm at 288 o.c.e.f.	10mm at 250 o.c.e.f.	BOTH FACES HORIZONTAL SPACE BE OUTSIDE	
225	12mm at 200 o.c.e.f.	12mm at 228 o.c.e.f.	DITTO	
250	12mm at 250 o.c.e.f.	12mm at 300 o.c.e.f.	DITTO	
275	12mm at 228 o.c.e.f.	12mm at 250 o.c.e.f.	DITTO	
300	12mm at 200 o.c.e.f.	12mm at 250 o.c.e.f.	DITTO	
350	12mm at 180 o.c.e.f.	12mm at 200 o.c.e.f.	DITTO	
400	16mm at 330 o.c.e.f.	16mm at 350 o.c.e.f.	DITTO	

2. REINFORCING BARS SHALL HAVE 25mm MINIMUM CLEAR DISTANCE FROM WALL FACE EXCEPT FOR WALLS DEPOSITED AGAINST THE GROUND WHERE A MINIMUM OF 63mm SHALL BE PROVIDED AND FOR EXPOSED FACES OF FORMED WALLS WHERE THE MINIMUM SHALL BE 50mm, CLEAR FOR BARS LARGER THAN 16mm, AND 38mm FOR 16mm BARS OR SMALLER.
3. CARRY VERTICAL BARS AT LEAST 600mm ABOVE FLOOR LEVEL TO PROVIDE FOR SPLICES WHEN NECESSARY. STOP AT 50mm BELOW TOP OF THE SLAB OR SOLID BAND WHERE THE WALLS END. HORIZONTAL AND VERTICAL BARS SHALL BE SPLICED BY LAPPING A DISTANCE EQUAL TO 40 DIAMETER AND WIRED SECURELY WITH NO. 16 G.I. WIRE PROVIDED THAT SPLICES IN ADJACENT BARS ARE STAGGERED AT LEAST 1520mm ON CENTER. (See FIGURE 3)

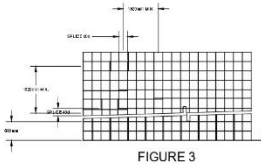
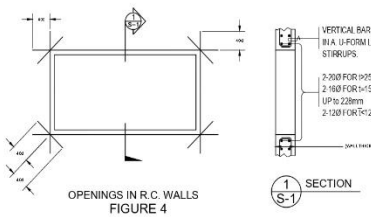


FIGURE 3

4. UNLESS OTHERWISE NOTED IN THE PLANS ALL OPENINGS IN WALLS 250mm OR THICKER SHALL BE REINFORCED AROUND WITH 2-20mm BARS, FOR 225mm-, 200mm-, 175mm-, 150mm THICK WALLS, USE 2-16mm BARS. FOR 125mm THICK WALLS, USE 2-12mm BARS. (See FIGURE 4)

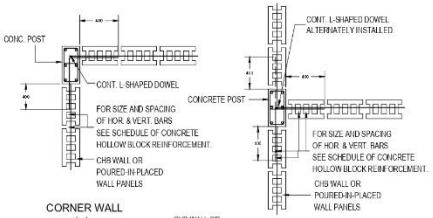
   ALL WALLS OPENING SHALL HAVE VERTICAL REINFORCEMENT BENT TO A U-FORM LIKE STIRRUPS AND SPACED ACCORDING TO THE SCHEDULE UNLESS OTHERWISE NOTED. (REFER TO SECTION 1 ON FIGURE 4)
   ALL CONCRETE WORKS SHALL BE REINFORCED WITH BARS OF AREA AT LEAST EQUAL TO THAT SPECIFIED IN ACI 318-89 BUILDING CODE.

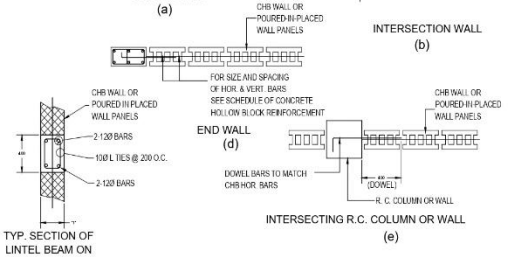


OPENINGS IN R.C. WALLS
FIGURE 4

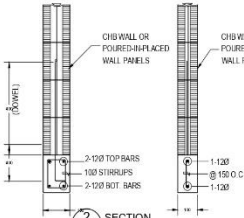
6. FOR TYPICAL CONNECTION DETAILS ON MASONRY UNITS, REFER TO FIGURES 5, 6 & 7 RESPECTIVELY.

TABLE-6 SCHEDULE OF CONCRETE HOLLOW BLOCK REINFORCEMENT			
BLOCK THICKNESS mm	REINFORCEMENT		NOTE
	HORIZONTAL	VERTICAL	
100	10Ø @ 600mm o.c.	10mm at 400mm O.C.	A. MINIMUM LAP SPLICES = 30 DIA. B. PROVIDE 1-16Ø VERTICAL BAR @ CORNERS, INTERSECTIONS, END OF WALLS, AND EACH SIDE OF OPENING. C. WHERE CHB WALLS ADJOIN COLUMNS RC BEAMS & WALLS DOWELS WITH THE SAME SIZE AS VERTICAL OR HORIZONTAL REINFORCEMENT SHALL BE PROVIDED. D. LINTEL BEAMS SHALL REAR AT LEAST 16 INCHES (400 mm) ON EACH SIDE OF MASONRY WALL OPENING.
150	12Ø @ 600mm o.c.	12mm at 400mm O.C.	
200	12Ø @ 600mm o.c.	12mm at 400mm O.C.	

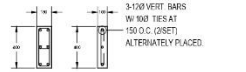




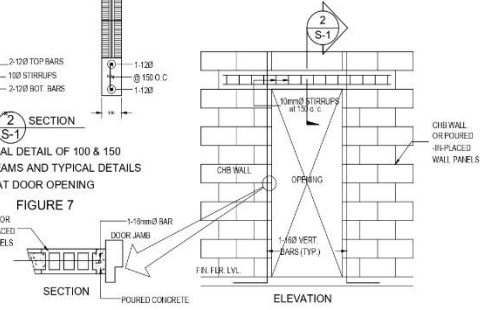
TYPICAL CONNECTION DETAILS OF CONCRETE MASONRY UNITS AT COLUMN AND/OR WALLS
FIGURE 5



TYPICAL DETAIL OF 100 & 150 LINTEL BEAMS AND TYPICAL DETAILS AT DOOR OPENING
FIGURE 7



TYPICAL DETAIL OF 100 & 150 CHB CONCRETE POSTS
FIGURE 6



G. NOTES ON MASONRY WALLS

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND UNIFORM BUILDING CODE.
2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 GRADE N.
3. MORTAR AND GROUT FOR ALL REINFORCED MASONRY SHALL CONFORM TO ASTM 270-TYPE M AND SHALL HAVE A MINIMUM 28-DAYS STANDARD CYLINDER COMPRESSIVE OF 21 MPa
4. ALL MASONRY WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF CONCRETE HOLLOW BLOCK REINFORCEMENT UNLESS OTHERWISE INDICATED IN THE PLANS.
5. ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT (3000 PSI)

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REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPUS** MIAGAO, ILOILO	PTR NO.:	REG NO.:		CONSTRUCTION OF UNIVERSITY CAFETERIA	ELMER S. SEALONGO	RAMON N. EMMANUEL, JR.,Ph. D.	GABRIEL M. SALISTRE, JR., PEE, DIT	AS SHOWN	S - 2
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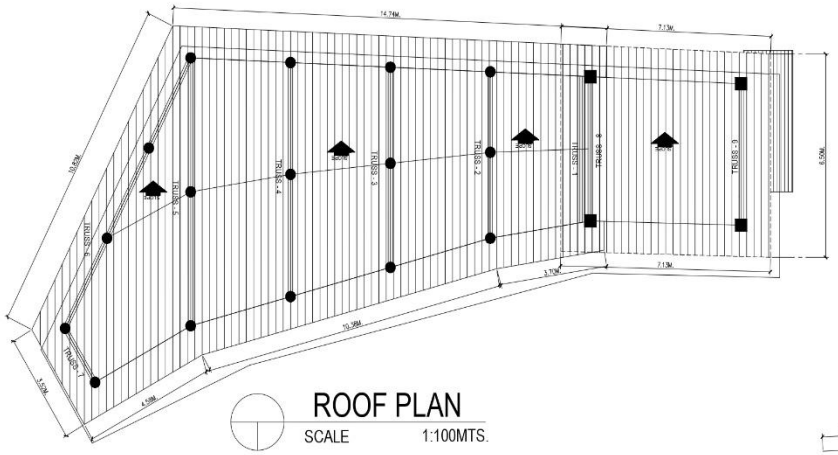
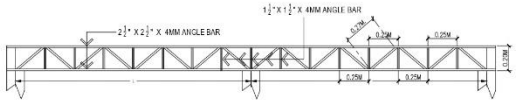
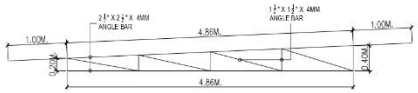


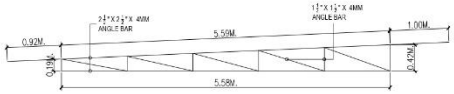
ROOF PLAN
SCALE 1:100MTS.



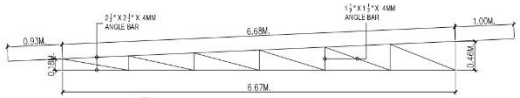
ROOF BEAM WEB DETAIL
SCALE 1:25 MTS



ROOF TRUSS - 1
SCALE NTS



ROOF TRUSS - 2
SCALE NTS



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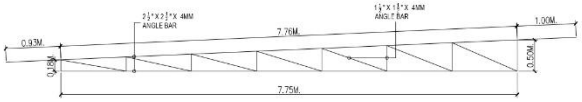

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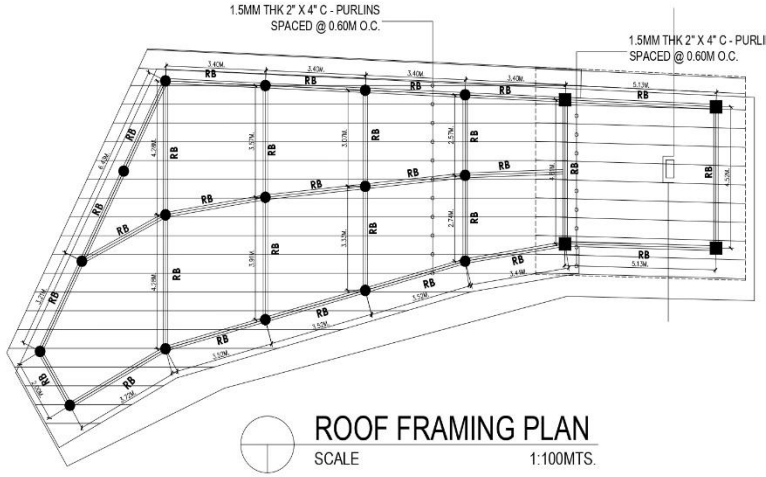
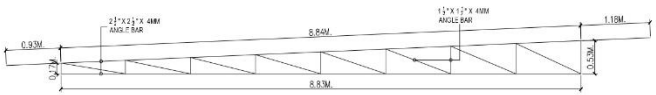
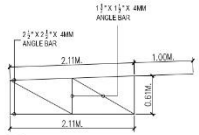
SCALE NTS



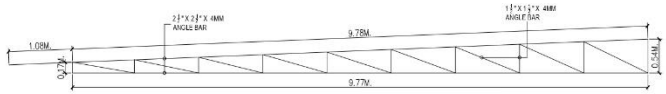
ROOF FRAMING PLAN
SCALE 1:100MTS.



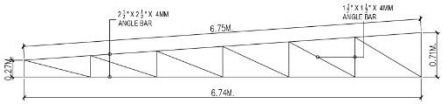
ROOF TRUSS - 5
SCALE NTS



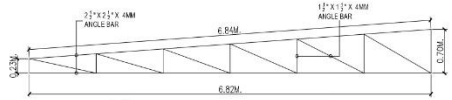
ROOF TRUSS - 7
SCALE NTS



ROOF TRUSS - 6
SCALE NTS



ROOF TRUSS - 9
SCALE NTS



ROOF TRUSS - 8
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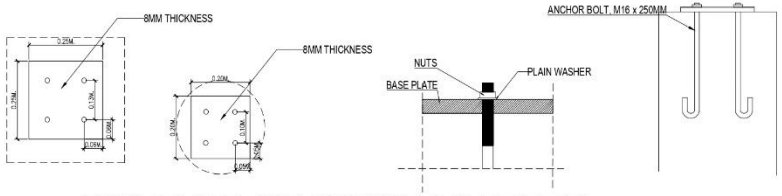
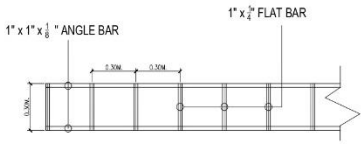
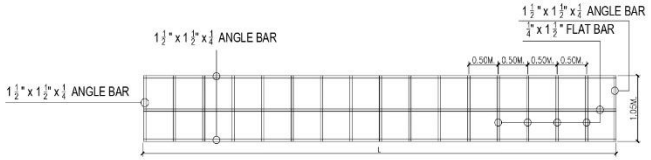


BASE PLATE AND ANCHOR BOLT DETAIL
SCALE NTS



FASCIA FRAMING DETAIL
SCALE NTS



ACP FRAMING DETAIL
SCALE NTS

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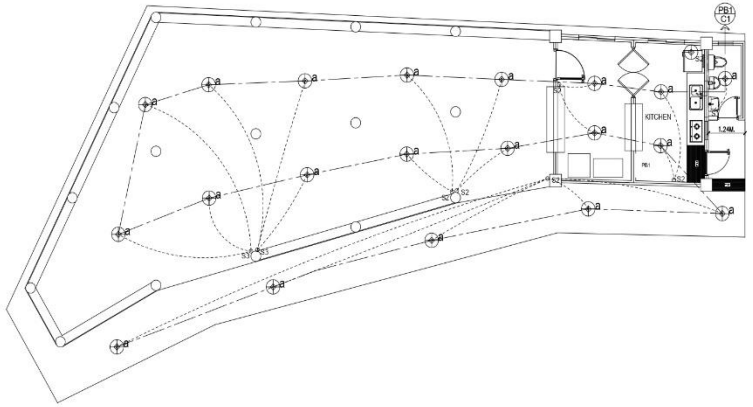
REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPUS** MIAGAO, ILOILO				CONSTRUCTION OF UNIVERSITY CAFETERIA	ELMER S. SEALONGO	RAMON N. EMMANUEL, JR.,Ph. D.	GABRIEL M. SALISTRE, JR., PEE, DIT	AS SHOWN	S - 3
	PTR NO.:	REG NO.:		LOCATION: ISAT U MIAGAO CAMPUS, ILOILO	HEAD, PDAS	CAMPUS ADMINISTRATOR	SUC PRESIDENT III	DRAWN BY: DATE START: DATE FINISH:	05
	ISSUED ON:	VALID UNTIL:						REV NO.:	
	ISSUED AT:	T.I.N.:							

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIAL
MUNICIPALITY OF MIAGAO

BUILDING OFFICIAL

ELECTRICAL



LIGHTING LAY-OUT
SCALE NTS

CIRCUIT 1 : 20-15W LED LIGHT
I = (20x15w)=1.6305A
230(0.8)
VA= 1.6305 x 230 =375.02 VA
IC= 1.6305 x 1.25 = 2.04 A

USE: 1-2.0 mm² THHN Cu. wire 1-2.0 mm2
THHN Cu. wire (GROUND)
IN 20mm dia. RIGID PVC CONDUIT
CIRCUIT PROTECTION:
15A, 2P MCB, "PLUG-IN"

CIRCUIT 2 : 10 DUPLEX C.O. @ 180VA/OUTLET
I = (10x180)2 =19.57A
230(0.80)
VA= 19.57 x 180 = 3522.60 VA
Ic= 19.57 x 1.25 = 24.462 A

USE: 2-3.5 mm² THHN Cu. wire 1-3.5 mm2
THHN Cu. wire (ground)IN ¾ " ø RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P MCB, "PLUG-IN"

CIRCUIT 3 : 3 DUPLEX GCFI C.O. @ 180VA/OUTLET
I = (3x180)2 =5.87A
230(0.80)
VA= 5.87A x 180 = 1056.50 VA
Ic= 5.87A x 1.25 = 7.340 A

USE: 2-3.5 mm² THHN Cu. wire 1-3.5 mm2
THHN Cu. wire (ground)IN ¾ " ø RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P MCB, "PLUG-IN"

CIRCUIT 4 : Refrigerator
500 / 230 (0.8)
I = 2.72A
VA= 2.72 x 230 = 625.6 VA
IC= 2.72 x 1.25 = 3.4 A

USE: USE: 2-5.0 mm² THHN Cu. wire
USF: 1-5.0 mm2
THHN Cu. wire (ground)
IN 20mm dia. RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P CB, "PLUG-IN"

CIRCUIT 5 : Refrigerator
500 / 230 (0.8)
I = 2.72A
VA= 2.72 x 230 = 625.6 VA
IC= 2.72 x 1.25 = 3.4 A

USE: USE: 2-5.0 mm² THHN Cu. wire
USF: 1-5.0 mm2
THHN Cu. wire (ground)
IN 20mm dia. RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P CB, "PLUG-IN"

CIRCUIT 6 : Refrigerator
500 / 230 (0.8)
I = 2.72A
VA= 2.72 x 230 = 625.6 VA
IC= 2.72 x 1.25 = 3.4 A

USE: USE: 2-5.0 mm² THHN Cu. wire
USF: 1-5.0 mm2
THHN Cu. wire (ground)
IN 20mm dia. RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P CB, "PLUG-IN"

CIRCUIT 11 : Refrigerator
500 / 230 (0.8)
I = 2.72A
VA= 2.72 x 230 = 625.6 VA
IC= 2.72 x 1.25 = 3.4 A

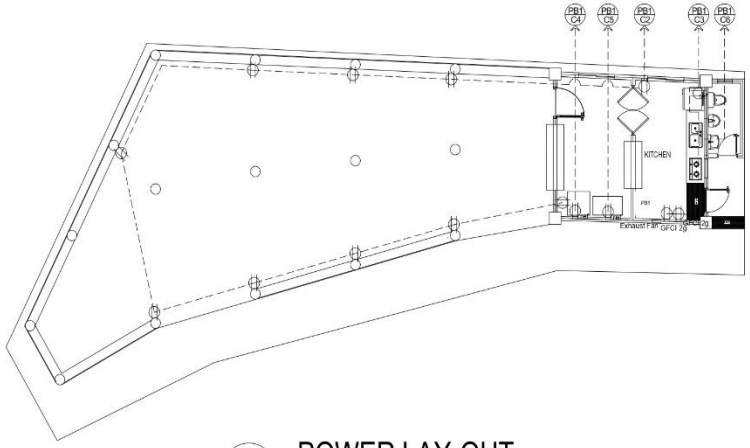
USE: USE: 2-5.0 mm² THHN Cu. wire
USF: 1-5.0 mm2
THHN Cu. wire (ground)
IN 20mm dia. RIGID PVC CONDUIT
CIRCUIT PROTECTION:
20A, 2P CB, "PLUG-IN"

LEGEND & SYMBOLS

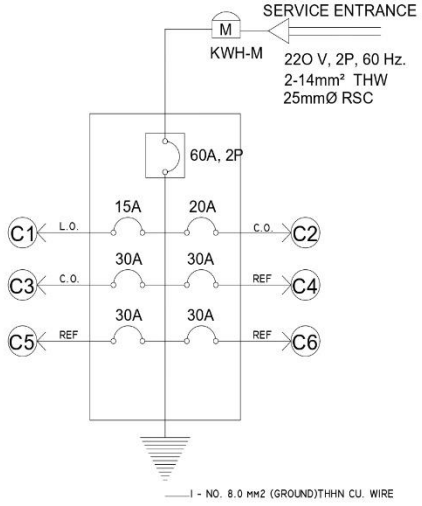
	CIRCUIT BREAKER
	DUPLEX CONVENIENCE OUTLET
Ex	WALL EXHAUST FAN
ref	REFRIGERATOR OUTLET
spo	SPECIAL PURPOSE OUTLET
	BULB LIGHT
Sab	TWO-GANG ONE-WAY SWITCH
Sabc	THREE-GANG ONE-WAY SWITCH
	POWER CIRCUIT LINE
	LIGHTING CIRCUIT LINE

SCHEDULE OF LOADS PANEL BOARD 1

CKT. NO.	LOAD DESCRIPTION	OUTLETS			SWITCHES				AMP CKT	V.A.	CKT. PROT.	SIZE & TYPE OF WIRE	SIZE OF CONDUIT
		LO	CO	3PT-HERS	S1	S2	S3	S3W					
1	LIGHTING OUTLET	19					2		1.6305	1900	15A	2-2.0mm² THHN Cu WIRE	20mmØ CONDUIT
2	CONVENIENCE OUTLET		10						19.57	3522.60	20A	2-3.5mm² THHN Cu WIRE	20mmØ CONDUIT
3	CONVENIENCE OUTLET		3						5.87	1056.5	20A	2-3.5mm² THHN Cu WIRE	20mmØ CONDUIT
4	REF OUTLET			1					2.72	625.6	30A	2-5.5mm² THHN Cu WIRE +NO. 1-3.5mm² THHN Cu WIRE	20mmØ CONDUIT
5	REF OUTLET			1					2.72	625.6	30A	2-5.5mm² THHN Cu WIRE +NO. 1-3.5mm² THHN Cu WIRE	20mmØ CONDUIT
6	REF OUTLET			1					2.72	625.6	30A	2-5.5mm² THHN Cu WIRE +NO. 1-3.5mm² THHN Cu WIRE	20mmØ CONDUIT
TOTAL		19	9	3		7	9		35.23	8355.9	60A	2-14.0mm² THHN Cu WIRE +NO. 1-8.0mm² THHN Cu WIRE	25mmØ CONDUIT



POWER LAY-OUT
SCALE NTS



1. THE ELECTRICAL INSTALLATION SHOWN ON THE PLANS SHALL CONFORM WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRIC CODE, RULES AND REGULATIONS OF THE LOCAL ELECTRIC COMPANY AND THE LOCAL GOVERNMENT WHERE THE PROJECT WILL BE CONSTRUCTED
2. ALL ELECTRICAL MATERIALS AND EQUIPMENT TO BE USED IN THIS PROJECT SHALL BE BRAND-NEW AND OF APPROVED QUALITY AND BRAND.
3. THE ELECTRICAL WIRINGS INSIDE THE BUILDING SHALL BE THROUGH PVC CONDUIT PIPES NOT SMALLER THAN 20MM DIAMETER, SCHEDULE 40.
4. THERE SHALL BE ONLY ONE SERVICE DROP FROM THE NEAREST ELECTRIC COMPANY POLE TO THE PROPOSED BUILDING.
5. WIRES TO BE USED INSIDE THE BUILDING SHALL NOT BE SMALLER THAN 3.5MM2 WITH 600V INSULATION.
6. THE TYPE OF POWER SERVICE TO BE SUPPLIED SHALL BE SINGLE PHASE 220V, A.C.
7. MOUNTING HEIGHT SHALL BE AS FOLLOWS:

Panel Board	1.40m above finished floor level
Convenience Outlet	0.30m above finished floor level
Wall Switches	1.40m above finished floor level
Others	as indicated in the plan

8. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED PROFESSIONAL ELECTRICAL ENGINEER.

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	PTR NO.:	REG NO.:		LOCATION: ISAT U MIAGAO CAMPUS, ILOILO				DRAWN BY:	ELECTRICAL
	ISSUED ON:	VALID UNTIL:						DATE START:	
	ISSUED AT:	T.I.N.:	RA 9266 SEC. 33-34		HEAD, PDAS	CAMPUS ADMINISTRATOR	SUC PRESIDENT III	DATE FINISH:	06
								REV NO.:	

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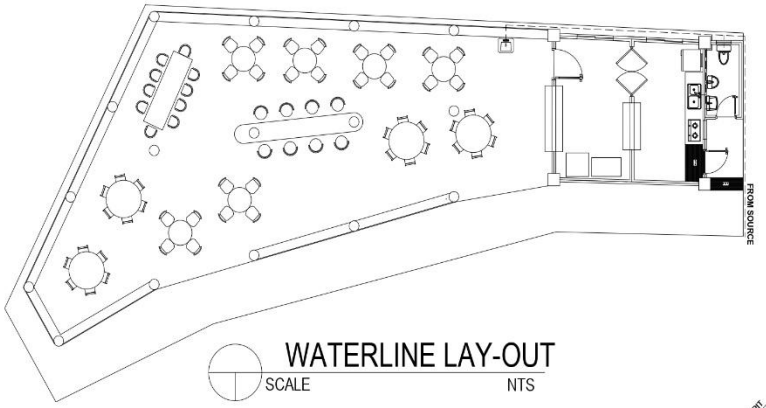
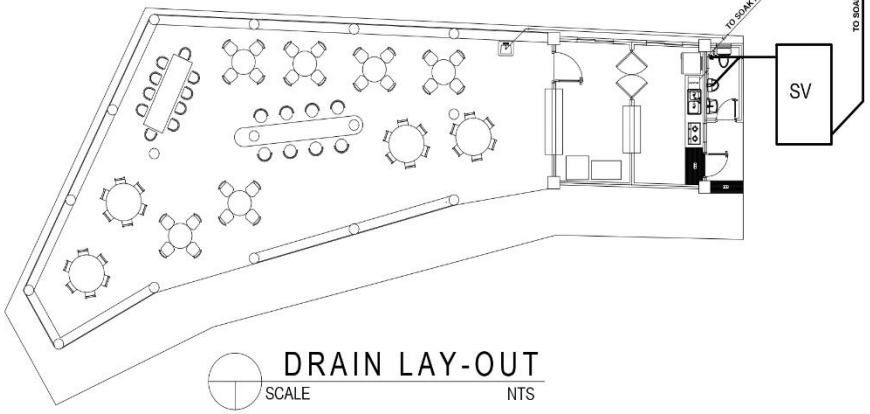
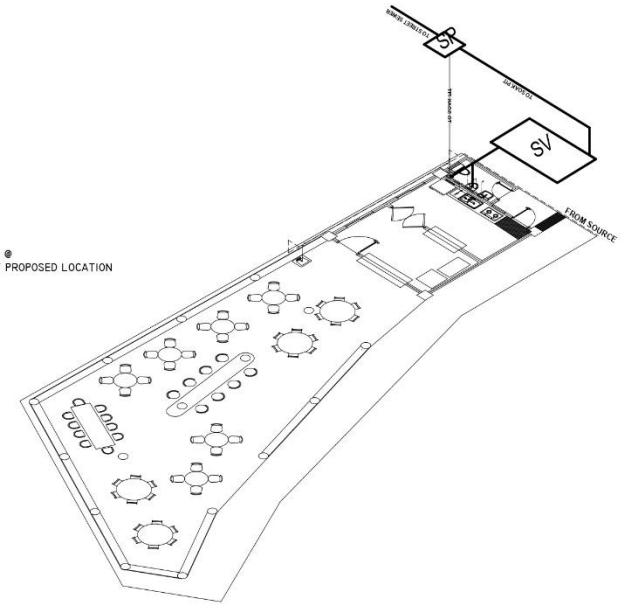
PLUMBING



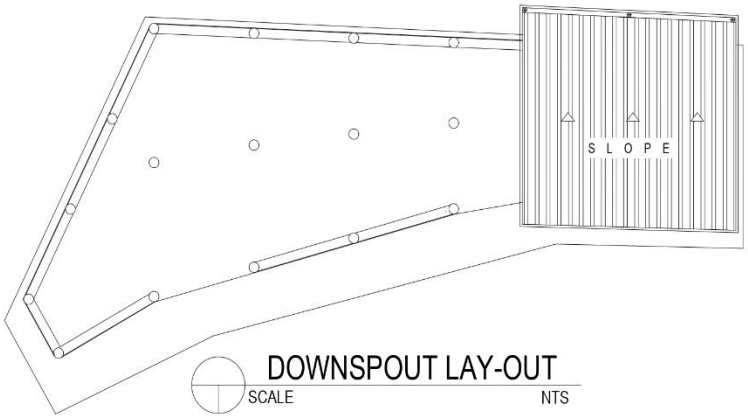
WATERLINE LAY-OUT
SCALE NTS



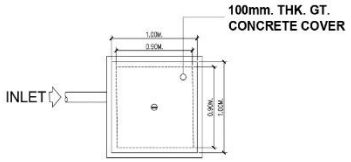
DRAIN LAY-OUT
SCALE NTS

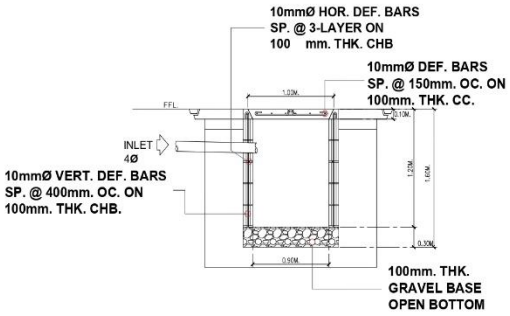


PLUMBING ISOMETRIC LAY-OUT PLAN
SCALE NTS



DOWNSPOUT LAY-OUT
SCALE NTS





SOAK PIT DETAIL
SCALE NTS

LEGEND & SYMBOLS

	DOWN SPOUT
	WATER SUPPLY PIPE LINE
	SANITARY PIPE LINE
	VENT THRU ROOF

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REPUBLIC OF THE PHILIPPINES **ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY** **MIAGAO CAMPUS** MIAGAO, ILOILO				CONSTRUCTION OF UNIVERSITY CAFETERIA	ELMER S. SEALONGO	RAMON N. EMMANUEL, JR.,Ph. D.	GABRIEL M. SALISTRE, JR., PEE, DIT	AS SHOWN	P - 1
	PTR NO.:	REG NO.:		LOCATION: ISAT U MIAGAO CAMPUS, ILOILO				DRAWN BY:	
	ISSUED ON:	VALID UNTIL:						DATE START:	
	ISSUED AT:	T.I.N.:			HEAD, PDAS	CAMPUS ADMINISTRATOR	SUC PRESIDENT III	DATE FINISH:	07
								REV NO.:	

Republic of the Philippines
Iloilo Science and Technology University
Miagao Campus
Miagao, Iloilo
Trunkline: (+6333) 315-8164 | Telefax: (+6333) 315-9755
https://www.miagao.isatu.edu.ph

PROGRAM OF WORKS

Project:	**CONSTRUCTION OF UNIVERSITY CAFETERIA**	
Location:	ISAT U Miagao Campus, Miagao, Iloilo	
Physical Target: 145 sq.m.		
Approved Budget for the Contract	**Php**	2,500,000.00
Total Project Cost	**Php**	

Project Category: Buildings-General Construction	**Implementation Mode:**	Public Bidding
Project Description: To supply necessary materials, labor and technical supervision for the CONSTRUCTION OF UNIVERSITY CAFETERIA as per Program of Works (POW), Approved Budget for Contract (ABC) and/or Detailed Estimates (DE), Plans and Specifications.	**Contract Duration:**	150 calendar days
	Start of Implementation	10 Calendar Days upon receipt of NTP

Minimum Equipment/Tool Requirement				**Technical Personnel Required**	
Description	Qty	Description	Qty	Description	Qty
Dump truck	1	Water Pump/Submersible Pump	0	Project Engineer/Architect	1
Tower Crane	0	Concrete Vibrator	1	Safety Officer and First-Aider	1
Crawler Crane	0	Air compressor w/ Spray Gun	0	Materials Engineer	1
Truck mounted Crane	0	Cut-off Machine/Circular Saw	1	Structural Engineer	1
Road Grader	0	Bar Bender	1	Master Plumber	1
Road Roller	0	Concrete Mixer	1	Electrical Engineer	1
Payloader	0	Plate Compactor	1	Mechanical Engineer	0
Water truck	0	Jack Hammer	0	Electronics Engineer	0
Backhoe with breaker	0	Electric Drill/Sander/Tile Cutter	1	Foreman	1
Vibro-Hammer	0	Service Truck	1	Skilled and Unskilled Laborers	12

ESTIMATED COST OF PROPOSED WORK

Item no.	SCOPE OF WORK	% WT	Qty	Unit	Unit Cost	Amount
I.	**GENERAL REQUIREMENTS** Includes Temporary facilities (Electricity and Water, Safety and Health Requirements), Professional Fees and Permits including Testing and Commissioning of Installed equipments (Sign and Seal of Plans, Final Inspection Certificates and Completion, Building and Occupancy Permits (Fire code fees, Fines and Other fees)), As-built plans (Architectural, Structural, Electrical, Sanitary/ Plumbing, Mechanical and Electronics) and Testing of materials		**1**	**LOT**		
II.	**SITEWORKS** Include Supply of necessary materials, labor and equipment for Field Office, Bunkhouse and Temporary Toilet; Mobilization, Site Clearing, Layout and Demobilization including Hauling of debris; Excavation and Backfill; Structural Backfill and Gravel/Boulder Fill as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
III.	**CONCRETE WORKS** Includes supply of necessary materials, labor and equipment for the concreting of Foundations (Column Footings, Grade beams and Wall footings); Columns (Footing- Roof Beams), Ground Floor slabs, Concrete Balusters and Balusters Seat as specified in the POW, ABC and/or DE, Plans and Specifications including Reinforcing Steel Bars and Formworks		**1**	**LOT**		

IV.	**MASONRY WORKS** Includes supply of necessary materials, labor and equipment for laying or installation of CHB on exterior and interior walls/partitions with size and thickness as specified in the POW, ABC and/or DE, Plans and Specifications including Reinforcing Steel Bars, Grout and Mortar		**1**	**LOT**		
V.	**METAL WORKS** Includes supply of necessary materials, labor and equipment for Roof Framing; Roof Truss, Roof Beam and Fascia Framing as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
VI.	**WOOD, PLASTICS AND COMPOSITES** Includes supply of necessary materials, labor and equipment for Ceilings as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
VII.	**THERMAL AND MOISTURE PROTECTION** Includes supply of necessary materials, labor and equipment for Roofing and Insulation as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
VIII.	**OPENINGS/DOORS, WINDOWS AND GLAZING** Includes supply of necessary materials, labor and equipment for Doors, Windows and Glass Blocks as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
IX.	**FINISHES** Includes supply of necessary materials, labor and equipment for Cement Plaster Finishes; Painting of exterior, interior, ceiling; and Countertop, Tile works, Aluminum Composite Panel Cladding as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
X.	**PLUMBING WORKS** Includes supply of necessary materials, labor and equipment for Storm Drainage System, Sanitary Pipes and Fittings; Water Supply Pipes and Fittings; Fixtures and Hardwares; Grease Trap, Soak Pit and Septic Vault as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
XI.	**ELECTRICAL WORKS** Includes supply of necessary materials, labor and equipment for Power Distribution System; Lighting Fixtures; Wiring Devices; Wiring Conductors and Conduits, Boxes and Fittings as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
XII.	**ELECTRONICS WORKS** Includes supply of necessary materials, labor and equipment for Fire Detection and Alarm System (FDAS); Exhaust Fan as specified in the POW, ABC and/or DE, Plans and Specifications		**1**	**LOT**		
TOTAL PROJECT COST						

BREAKDOWN OF ESTIMATED COST OF PROPOSED WORK

Direct Cost	Total Materials Cost	
	Total Labor Cost	
	Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)	
	Total Direct Cost	
Indirect Cost	Overhead,Contingencies, Misc. and Profit	
	Tax	
	Total Indirect Cost	
TOTAL PROJECT COST		

Total Bid Cost in words: _____

_____

Submitted by:

_____ Contractor/Bidder

_____ Address

_____ Owner/Representative

_____ Date

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Miagao, Iloilo
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Project: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location: ISAT U Miagao Campus, Miagao, Iloilo

DETAILED ESTIMATES

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
I.	**GENERAL REQUIREMENTS Includes Temporary facilities (Electricity and Water, Safety and Health Requirements), Professional Fees and Permits including Testing and Commissioning of Installed equipments (Sign and Seal of Plans, Final Inspection Certificates and Completion, Building and Occupancy Permits (Fire code fees, Fines and Other fees)), As-built plans (Architectural, Structural, Electrical, Sanitary/Plumbing, Mechanical and Electronics) and Testing of materials**				
	A. Temporary Facilities	***1***	***l.s.***		
	Electricity and Water	1	lot		
	Safety and Health (PPE, Uniform & Signages)	1	lot		
	Direct Cost	*Total Direct Cost*			
	Indirect Cost	*Tax*			
	Sub Total				
	Unit Cost				
	B. Professional Fees and Permits	***1***	***l.s.***		
	Sign and Seal of Plans, Final Inspection Certificates and Completion, As-Built Plans (for Building and Occupancy Permit)	1	lot		
	Building and Occupancy Permits	1	lot		
	Direct Cost	*Total Direct Cost*			
	Indirect Cost	*Tax*			
	Sub Total				
	Unit Cost				
	C.Testing of Materials	***1***	***l.s.***		
	Concrete/CHB/RSB Testing	1	lot		
	Soil Poisoning Treatment (Certified Pest Control Company)	1	lot		
	Direct Cost	*Total Direct Cost*			
	Indirect Cost	*Tax*			
	Sub Total				
	Unit Cost				
TOTAL ITEM NO. I					
II.	**SITEWORKS Include Supply of necessary materials, labor and equipment for Field Office, Bunkhouse and Temporary Toilet; Mobilization, Site Clearing, Layout and Demobilization including Hauling of debris; Excavation and Backfill; Structural Backfill and Gravel/Boulder Fill as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Field Office, Bunkhouse and Temporary Toilet	***1***	***l.s.***		
	Ga. 24 Corrugated G.I. Sheet (14')	6	sheets		
	2" x 3" x 10' Form Lumber	30	pcs		
	1/4" thk X 4' x 8' Ordinary Plywood	11	pcs		
	3/4" thk X 4' x 8' Marine Plywood	5	pcs		
	Hardware and accessories (nails, hinges, screws etc)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
II.	**Indirect Cost**	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				

	A.2 Grade Beam				
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	65	bags		
	Washed Sand (passing 1/4" sieve)	4.2	cu.m.		
	Screened Gravel (passing 1" sieve)	8.5	cu.m.		
	16mmØ x 6m, Grade 40 Deformed Bars	95	pcs		
	10mmØ x 6m, Grade 40 Deformed Bars	174	pcs		
	#16, G.I. Tie wire	9	kgs		
	Ordinary Plywood (1/2" x 4' x 8')	15	shts		
	2" x 2" x 12' Form Lumber	80	pcs		
	Hardware and accessories	1	lot		
	A.3 Wall Footing				
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	3	bags		
	Washed Sand (passing 1/4" sieve)	0.2	cu.m.		
	Screened Gravel (passing 1" sieve)	0.3	cu.m.		
	10mmØ x 6m, Grade 40 Deformed Bars	6	pcs		
	#16, G.I. Tie wire	1	kgs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B. Columns (From Footing to Roof Beams), 3000 psi	***1***	***l.s.***		
	B.1 Square Columns				
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	33	bags		
III.	Washed Sand (passing 1/4" sieve)	1.9	cu.m.		
	Screened Gravel (passing 3/4" sieve)	3.7	cu.m.		
	16mmØ x 6m, Grade 40 Deformed Bars	32	pcs		
	10mmØ x 6m, Grade 40 Deformed Bars	48	pcs		
	#16, G.I. Tie wire	4	kgs		
	Ordinary Plywood (1/2" x 4' x 8')	6	shts		
	2" x 2" x 12' Form Lumber	30	pcs		
	Hardware and accessories (wire nails, concrete nails, etc.)	1	lot		
	B.2 Circular Columns				
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	46	bags		
	Washed Sand (passing 1/4" sieve)	2.5	cu.m.		
	Screened Gravel (passing 3/4" sieve)	5	cu.m.		
	16mmØ x 6m, Grade 40 Deformed Bars	87	pcs		
	10mmØ x 6m, Grade 40 Deformed Bars	80	pcs		
	#16, G.I. Tie wire	7	pcs		
	Formworks	1	lot		
	Hardware and accessories (wire nails, concrete nails, etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	C. Ground Floor Slabs	***1***	***l.s.***		
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	140	bags		
	Washed Sand (passing 1/4" sieve)	8	cu.m.		
	Screened Gravel (passing 3/4" sieve)	15	cu.m.		

	10mmØ x 6m, Grade 40 Deformed Bars	125	pcs		
	#16, G.I. Tie wire	8	kgs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
III.	**D. Concrete Balusters, Balusters Seat**	***1***	***l.s.***		
	Portland Cement (40kgs.,BPS Marked)/ Ready-mix Concrete, 4000 psi	36	bags		
	Washed Sand (passing 1/4" sieve)	2	cu.m.		
	Screened Gravel (passing 3/4" sieve)	4	cu.m.		
	10mmØ x 6m, Grade 40 Deformed Bars	30	pcs		
	#16, G.I. Tie wire	4	kgs		
	Ordinary Plywood (1/2" x 4' x 8')	10	shts		
	Balusters	130	pcs		
	Hardware and accessories (nails, hinges, screws etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. III				
IV.	**MASONRY WORKS Includes supply of necessary materials, labor and equipment for laying or installation of CHB on exterior and interior walls/ partitions with size and thickness as specified in the POW, ABC and/or DE, Plans and Specifications including Reinforcing Steel Bars, Grout and Mortar**				
	A. 6" CHB	***132.24***	***sq.m.***		
	6" CHB	1653	pcs		
	Portland Cement (40kgs.,BPS Marked)	201	bags		
	Washed Sand (passing 1/4" sieve)	15	cu.m.		
	10mmØ x 6m, Grade 40 Deformed Bars	120	pcs		
	#16, G.I. Tie wire	5.3	kgs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. IV				
V.	**METAL WORKS Includes supply of necessary materials, labor and equipment for Roof Framing; Roof Truss, Roof Beam and Fascia Framing as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Roof Framing	***1***	***l.s.***		
	A.1 Roof Truss				
	4mm thk x 1 1/2" x 1 1/2" x 6m Angle Bar	14	pcs		
	4mm thk x 2 1/2" x 2 1/2" x 6m Angle Bar	22	pcs		
	1.2mm thk x 2" x 4" x 6m C- Purlin	48	pcs		

	1.2mm thk x 2" x 6" x 6m C- Purlin	2	pcs		
	10mmØ x 6m, Grade 40 Deformed Bars	3	pcs		
	4" Cutting Disk	5	pcs		
	Epoxy primer	4	gal		
	Epoxy reducer	1	gal		
	#120 Sand Paper	20	ft		
	3" Paint Brush	5	pcs		
	Base Plate (250mm x 250mm x 8mm)	4	pcs		
	Base Plate (200mm x 200mm x 8mm)	16	pcs		
	Cast-in-place J-type Anchor Bolt, M16 x 250 mm, complete with nut and washer	80	pcs		
	120d Welding Rod	15	kgs		
	Hardware and accessories	1	lot		
	A.2 Roof Beam				
	4mm thk x 1 1/2" x 1 1/2" x 6m Angle Bar	34	pcs		
	4mm thk x 2 1/2" x 2 1/2" x 6m Angle Bar	36	pcs		
	4" Cutting Disk	6	pcs		
	Epoxy primer	5	gal		
V.	Epoxy reducer	1	gal		
	#120 Sand Paper	30	shts		
	3" Paint Brush	5	pcs		
	120d Welding Rod	15	kgs		
	Hardware and accessories	1	lot		
	A. 3 Fascia Frame				
	1" x 1" x 1/8"x 6m Angle Bar	20	pcs		
	1" X 1/4" x 6m Flat bar	11	pcs		
	120d Welding Rod	6	kgs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. V				
	WOOD, PLASTICS AND COMPOSITES Includes supply of necessary materials, labor and equipment for Ceilings as specified in the POW, ABC and/or DE, Plans and Specifications				
	A. Ceiling	***1***	***l.s.***		
	1/4" thk x 4' x 8' fiber cement board	10	shts		
	1/4" thk x 4' x 8' marine plywood	72	shts		
	0.5mm thk x 1/2" x 1 1/2" x 5m carrying channel (Including Suspension)	42	pcs		
	0.40mm thk x 1" x 2" x 5m metal Furring	96	pcs		
	.50mm thk x .1" x 1" x 3m wall angle	77	pcs		
	W-clips	175	pcs		
VI.	Hardware and accessories(c clips, blind rivets, tek screw, etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. VI				

VII.	**THERMAL AND MOISTURE PROTECTION Includes supply of necessary materials, labor and equipment for Roofing and Insulation as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Roofing & Insulation	***205***	***l.m.***		
	Pre-Painted Metal Roofing Sheet GA 26 Long Span 1m effective coverage	210	lm		
	0.5mm x 0.52m x 2.44m pre painted end flashing	13	pcs		
	0.5mm x 0.6m x 2.44m pre painted wall flashing	5	pcs		
	0.5mm x 0.3m x 2.44m pre painted fascia cover	28	pcs		
	0.5mm x 0.5m x 2.44m pre painted gutter	4	pcs		
	Hardware and accessories (screws, rivets, washer etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. VII				
VIII.	**OPENINGS/DOORS, WINDOWS AND GLAZING Includes supply of necessary materials, labor and equipment for Doors, Windows and Glass Blocks as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Doors	***1***	***l.s.***		
	D1 - 2.1 x 0.9 swing solid wood panel door with solid wood jamb and with complete accessories	1	set		
	D2 - 2.1 x 1.6 Wood Double action flash double door with complete accessories	1	set		
	D3 - 2.1 x 0.9 wood plain dutch door with in wood jamb and with complete accessories	1	set		
	D4 - 2.1 x 0.7 pvc door in pvc jamb with louver and complete accessories	1	set		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B. Windows	***1***	***l.s.***		
	W1 - 0.5m x 1.5m glass block window, 250 × 250 × 100 mm clear wave, mortar set with joint reinforcement, perimeter sealing with complete accessories	1	set		
	W2 - 1.2m x 1.4m sliding aluminum window, black, 1.2mm thk, 2-panel sliding, 6mm tinted glass, with complete accessories	2	sets		
	W3 - 0.5m x 0.5m aluminum awning window, black, 1.2mm thk, 6mm tinted glass, top-hinged with friction stays & cam lock, with complete accessories	1	set		
	W4 - 1.5m x 1.5m Roll-Up Window Shutter, corrugated galvanized steel, 0.5 mm slats, manual push-up/pull-down, complete with barrel, side tracks, hood cover, bottom bar with lock, primer & finish coat.	2.25	sq.m.		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. VIII				

IX.	**FINISHES Includes supply of necessary materials, labor and equipment for Cement Plaster Finishes; Painting of exterior, interior, ceiling; and Countertop, Tile works, Aluminum Composite Panel Cladding as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Cement Plaster	***1***	***l.s.***		
	Portland Cement (40kgs., BPS Marked)	37	bags		
	Washed Sand (passing 1/4" sieve)	3	cu.m.		
	Hardware and Accessories (nails etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B. Painting				
	B.1 Interior Wall Paint	***1***	***l.s.***		
	Skimcoat	12	gal		
	Concrete Primer & Sealer	5	gal		
	Masonry Putty	5	gal		
	Semi Gloss Latex Paint	8	gal		
	Paint Thinner	1	liter		
	#100 water proof sand paper	20	ft		
	Hardware and Accessories (paint brush, roller etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B.2 Exterior Wall Paint	***1***	***l.s.***		
	Cementitious Water Proofing	15	gal		
	Acrylic Primer	4	gal		
	Masonry Putty	4	gal		
	Acrylic Latex Paint (semi gloss)	6	gal		
	Thinning Solvent for Putty	2	liter		
	#100 water proof sand paper	15	ft		
	Hardware and Accessories (paint brush, roller etc.)	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B.3 Ceiling Paint	***1***	***l.s.***		
	Patching Compound	5	gal		
	Concrete Primer & Sealer	2	gal		
	Marine epoxy	4	liters		
	Fiber Glass Mesh Tape Self-Adhesive 48mm x 90m	3	roll		
	Flat-Acrylic Latex Paint	14	gal		
	Hardware and Accessories (paint brush, roller etc.)	1	lot		

	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	C. Tileworks				
	C.1 Floor Tiles	***1***	***l.s.***		
	60 cm x 60 cm anti slip Porcelain Tiles	75	pcs		
	60 cm x 60 cm Ceramic Tiles	320	pcs		
	Tile adhesive	67	bags		
	Tile grout	30	bags		
	C.2 Balusters				
	30 cm x 30 cm Ceramic Tiles	120	pcs		
	Tile adhesive	7	bags		
	Tile grout	3	bags		
	Hardware and Accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
IX.	**Unit Cost**				
	D. Countertop	***1.38***	***sq.m.***		
	Portland Cement (40kgs., BPS Marked)/ Ready-mix Concrete, 4000 psi	4	bags		
	Washed Sand (passing 1/4" sieve)	0.25	cu.m.		
	Screened Gravel (passing 3/4" sieve)	0.5	cu.m.		
	10mmØ x 6m, Grade 40 Deformed Bars	12	pcs		
	#16, G.I. Tie wire	2	kgs		
	4" CHB	24	pcs		
	60 cm x 60 cm Ceramic Tiles	6	pcs		
	Tile adhesive	1	bags		
	Tile grout	1	bags		
	Hardware and Accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	E. Aluminum Composite Panel Cladding	***28.62***	***sq.m.***		
	3mm thk x 1 1/2" x 1 1/2" x 6m angle bar	12	pcs		
	6mm thk x 1 1/2" x 6m flat bar	12	pcs		
	0.40mm thk x 4' x 8' Aluminum Composite Panel	15	sheets		
	0.4mm thk x 4' x 8' G.I. Plain Sheet	15	sheets		
	4" Cutting Disk	5	pcs		
	120d Welding Rod	7	kgs		
	Hardware and accessories (screws, rivets, washer etc.)	1	lot		

IX.	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. IX				
X.	**PLUMBING WORKS Includes supply of necessary materials, labor and equipment for Storm Drainage System, Sanitary Pipes and Fittings; Water Supply Pipes and Fittings; Fixtures and Hardwares; Grease Trap, Soak Pit and Septic Vault as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Storm Drainage System, Sanitary Pipes and Fittings	***1***	***l.s.***		
	3" PVC Pipe	10	lgth		
	3" x 90° PVC Elbow	7	pcs		
	3" PVC coupling	7	pcs		
	3" P-trap	2	pcs		
	3" Tee	1	pcs		
	Floor drain	2	pcs		
	300ml PVC solvent cement	2	can		
	Hardware and Accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B. Water Supply Pipes and Fittings	***1***	***l.s.***		
	PPR Waterlines 25mmø, PN20	15	m		
	PPR Fittings - Socket, Elbow, Tee	1	lot		
	Hardware and Accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	C. Fixtures and Hardwares	***1***	***l.s.***		
	Double-Basin Stainless Steel Kitchen Sink with Faucet with complete accessories	1	set		
	Water Closet including fittings and accessories	1	set		
	Lavatory including fittings and accessories	1	set		
	Urinal including fittings and accessories	1	set		
	Stainless Steel Handwashing Sink, with Stand, Faucet and complete accessories	1	set		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			

X.	**Sub Total**				
	Unit Cost				
	D. Grease Trap ,Soak Pit & Septic Vault (Including Finishing)	***1***	***l.s.***		
	Portland Cement (40kgs., BPS Marked)/ Ready-mix Concrete, 4000 psi	45	bags		
	Washed Sand (passing 1/4" sieve)	4	cu.m.		
	Screened Gravel (passing 3/4" sieve)	2	cu.m.		
	10mmØ x 6m, Grade 40 Deformed Bars	28	pcs		
	12mmØ x 6m, Grade 40 Deformed Bars	7	pcs		
	#16, G.I. Tie wire	6	kgs		
	4" CHB	260	pcs		
	4" PVC Pipe	7	pcs		
	4" x PVC Clean Out	2	pcs		
	4" PVC Tee	2	pcs		
	300ml PVC solvent cement	3	cans		
	Cementitious Water Proofing	4	gals		
	Steel Commercial Grease Trap 10GPM, 300mm(Length) x 395mm + 80mm(Width) x 275mm(Height) with complete accessories	1	set		
	Hardware and Accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor Cost			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
TOTAL ITEM NO. X					
XI.	**ELECTRICAL WORKS Includes supply of necessary materials, labor and equipment for Power Distribution System; Lighting Fixtures; Wiring Devices; Wiring Conductors and Conduits, Boxes and Fittings as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Power Distribution System	***1***	***l.s.***		
	Main Panel Board, 6-poles, with 60A Main 2P Circuit Breaker (bolt-on type), complete with 5 branch circuit breakers: 1-2P/15A, 1–2P/20A, and 4–2P/30A	1	set		
	Direct Cost	*Total Materials Cost*			
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	B. Lighting Fixtures	***1***	***l.s.***		
	Surface Mounted Downlight with Round Casing	20	pcs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				

XI.	**C. Wiring Devices**	***1***	***l.s.***		
	Two Gang One-Way Switch	3	pcs		
	Three Gang One-Way Switch	2	pcs		
	Duplex Convenience Outlet Flush Type Grounding Type	12	pcs		
	GFCI Duplex Safety Outlet	2	pcs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	D. Wiring Conductors	***1***	***l.s.***		
	2.0mm² THHN Cu. Wire	1.5	box		
	3.5mm² THHN Cu. Wire	1	box		
	5.5mm² THHN Cu. Wire	1	box		
	14.0mm² THHN Cu. Wire	80	meters		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	E. Conduits and Boxes	***1***	***l.s.***		
	PVC Conduit Pipe (20 mmD x 3m)	80	pcs		
	2"x 4" utility box PVC	10	pcs		
	4"x 4" junction box PVC	25	pcs		
	Hardware and accessories	1	lot		
	Direct Cost	*Total Materials Cost*			
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning			
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)			
		Total Direct Cost			
	Indirect Cost	*O.C.M. & Profit*			
		Tax			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. XI				
XII.	**ELECTRONICS WORKS Includes supply of necessary materials, labor and equipment for Fire Detection and Alarm System (FDAS); Exhaust Fan as specified in the POW, ABC and/or DE, Plans and Specifications**				
	A. Exhaust Fan, Fire Alarms	***1***	***l.s.***		
	1 - Fire Alarm Bell 10" & 2 - Manual Switch button	1	set		
	12" in and out Industrial Wall Mounted metal Exhaust Fan	1	set		

XII.	Direct Cost	*Total Materials Cost*	
		Total Labor & Engineering Cost including Termination, Testing, & Commissioning	
		Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)	
		Total Direct Cost	
	Indirect Cost	*O.C.M. & Profit*	
		Tax	
	Sub Total		
	Unit Cost		
	TOTAL ITEM NO. XII		
TOTAL PROJECT COST			

BREAKDOWN OF DETAILED ESTIMATES

DIRECT COST	Total Materials Cost	
	Labor Cost	
	Total Equipment Cost (Including Fuel, Oil and Lubricants; Minor Tools)	
	Total Direct Cost	
INDIRECT COST	Overhead, Contingencies, Miscellaneous & Profit	
	Tax	
	Total Indirect Cost	
TOTAL PROJECT COST		

Prepared by:

Contractor/Bidder

Address

Reviewed by:

Owner/Authorized Representative

Date

Section IX. Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or

☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and

☐ (c) Mayor's or Business Permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and

☐ (d) Tax Clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (f) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**

☐ (g) Philippine Contractors Accreditation Board (PCAB License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**

☐ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

(i) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid;

☐ b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;

☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**

☐ (j) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (k) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years forms the date of bid submission; **and**

☐ (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

☐ (m) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

☐ (n) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

☐ (o) Original of duly signed Bid Prices in the Bill of Quantities; **and**

☐ (p) Duly accomplished Detailed Estimates Form, including a summary shee indicating the unit prices of construction materials, labor rates, and equipmen rentals used in coming up with the Bid; **and**

☐ (q) Cash Flow by Quarter.

Other documents under technical specifications

1. Construction Schedule and S-curve
2. Manpower Utilization Schedule
3. Construction Method
4. Equipment Utilization Schedule
5. Affidavit of Site Inspection
6. Construction Safety and Health Program
7. PERT/CPM or other acceptable tools of project scheduling for infrastructure projects

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

List of all Ongoing Government and Private Cosntruction Contracts including contracts awarded but not yet started

Business Name: _____
Business Address: _____

Name of Contract/ Location Project Cost	a. Owner's Name b.Address c.Telephone Nos.	Nature of Work	Contractor's Role		a.Date Awarded: b.Date Started: c.Date of Completion:	% of Accomplishment		Value of Outstanding Works
			Description	%		Planned	Actual	
Government:								
Private:								
						Total Cost		

Note: this statement shall be supported with:
1. Notice of Award and/or Contract
2. Notice to proceed issued by the Owner
3. Certificate of Accomplishments signed by the Owner or Project Engineer

Submitted by: _____
(Printed Name and signature)
Designation: _____
Date: _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Maigao, Iloilo

BIDS AND AWARDS COMMITTEE

Statement of all Completed Government & Private Construction Contracts which are similar in nature

Contract Reference Number: _____
Business Name: _____
Business Address: _____

Name of Contract/Location Project Cost	a. Owner's Name b.Address c.Telephone Nos.	Nature of Work	Contractor's Role		a.Amount of Award b.Amount of Completion c.Duration	a.Date Awarded: b.Contract Effectivity c.Date Completed
			Description	%		
Government:						
Private:						

Note: this statement shall be supported with:

1. Contract
2. CPES rating sheets and/or Certificate of Completion
3. Certificate of Acceptance

Submitted by: _____
(Printed Name and signature)
Designation: _____
Date: _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Maigao, Iloilo

BIDS AND AWARDS COMMITTEE

Statement identifying the bidder's Sinlge Largest Completed Contract (SLCC) similar to the Contract to be Bid within the last five (5) years

Business Name: _____
Business Address: _____

Name of Contract	a. Owner's Name b.Address c.Telephone Nos.	Nature of Work	Contractor's Role		a.Amount of Award b.Amount of Completion c.Duration	a.Date Awarded: b.Contract Effectivity c.Date Completed
			Description	%		
Government:						
Private:						

Note: this statement shall be supported with:

1. Contract
2. CPES rating sheets and/or Certificate of Completion
3. Certificate of Acceptance

Submitted by: _____
(Printed Name and signature)
Designation: _____
Date: _____

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No.: *[Insert number]*

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:

    a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
    b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
    c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month] [year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the Contract: **ISAT U – Miagao Campus, Miagao, Iloilo**

Contractor's Organizational Chart for the Contract

Submit copy of the Organizational Chart that the contractor intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Project Manager, Project Engineers, Materials Engineer and Foreman, and other key Engineering Personnel.

Attached the required Organizational Chart for the Contract as stated above.

1 This organizational chart should represent the Contractor's Organization "required for the Project, and not the organizational chart of the entire firm.
2 The Bidders shall comply with the submitted sample form SF-INFRA-46 for each of such key personnel.
3 Each such nominated engineer/key personnel shall comply with and submit sample forms SF-INFRA-47 and SF-INFRA-48
4 All these are required to be in the Technical Envelope of the Bidder.

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Statement of Availability of Personnel

_____
Date

DR. RAMON N. EMMANUEL, JR.
Campus Administrator
Iloilo Science and Technology University - Miagao Campus
Miagao, Iloilo

Attention: **The Chairperson**
Bids and Awards Committee

Dear Sir:

In compliance with the requirements of the Iloilo Science and Technology University – Miagao Campus, Bids and Awards Committee for the bidding of the _____, we certify that the following are key staff of _____.

Name and Title	Degree	Years with Firm	Age
1			
2			
3			
4			
5			
6			

Very truly yours,

_____
Name of Representative of Bidder

_____
Position

_____
Name of the Bidder

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the Contract: **ISAT U - Miagao Campus, Miagao, Iloilo**

Qualification of Key Personnel Proposed to be Assigned to the contract

Business Name : _____
Business Address : _____

	Project Manager/Engineer	Materials Engineer	Foreman	Construction Safety and Health Personnel	Other positions deemed required by the applicant for this project
1 Name					
2 Address					
3 Date of Birth					
4 Employed since					
5 Experience					
6 Previous Employment					
7 Education					
8 PRC License					

Minimum Requirements : Project Manager / Engineer
: Materials Engineer
: Construction Safety & Health Officer
: Foreman
:

Note: : Attached individual resume and PRC License of the (professional) personnel.

Submitted by : _____
Printed Name & Signature
Designation : _____
Date : _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY - MIAGAO CAMPUS
Miagao, Iloilo
BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the Contract: **ISAT U - Miagao Campus**

KEY PERSONNEL
(FORMAT OF BIO- DATA)

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project:

- Authorized Managing Officer / Representative
- Sustained Technical Employee

1 Name : _____
2 Date of Birth : _____
3 Nationality : _____
4 Education and Degrees : _____
5 Specialty
6 Registration
7 Length of Service with the Firm : _____ Year from _____(months) _____ year
to _____(months) _____ year
8 Years of Experience : _____
9 If Item 7 is less than ten (10) years, give name and length of service with previous employers for a ten (10) years period (attached additional sheet/s, if necessary:

Name and Address of Employer	Length of Service			
_____	_____	years(s)	from _____	to _____
_____	_____	years(s)	from _____	to _____

10 Experience
This should cover the past ten (10) years of experience. (Attached as many pages as necessary to show involvement of personnel in projects using the format below)

1 Name : _____
2 Name and Address of Owner : _____
3 Name and Address of the Owner's Engineer (consultant) : _____
4 Indicate the Features of Project (Particulars of the project components and any other particulars interest connected with the project) _____
5 Contract Amount Expressed in Philippine Currency : _____
6 Position : _____
7 Structures for which the Employee was responsible _____
8 Assignment Period : from _____ (Months) _____ (years)
to _____ (Months) _____ (years)

Name and signature of employee

It is hereby certified that the above personnel can be assigned to this project, if the contract is awarded to our company.

_____ _____
(Place and Date) (The Authorized Representative)

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARD COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the contract: **ISAT U - Miagao Campus, Miagao, Iloilo**

List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the proposed Project

Business Name: _____
Business Address: _____

signation	Model/year	Capacity/Performance/Size	Plate No.	Motor No./ Body No.	Location	Condition	Proof of Ownership
A. Owned							
i							
ii							
iii							
iv							
v							
B. Leased							
i							
ii							
iii							
iv							
v							
C. Under the Purchase Agreement							
i							
ii							
iii							
iv							
v							

List of minimum equipment required for the project:

Submitted by: _____
(Printed Name & Signature)
Designation: _____
Date: _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

   [If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

   [If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

   [If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

   [If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

   [If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

    a. Carefully examining all of the Bidding Documents;
    b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
    c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
    d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the Contract: **ISAT U – Miagao Campus, Miagao, Iloilo**
Subject: Financial Document for Eligibility Check

A. The values of the bidder's current assets and current liabilities shall be based on the data submitted to the BIR, through its Electronic Filling and Payment System (EFPS).

B. The computation of the prospective bidder's NFCC must be at least equal to the ABC the project to be bid calculated as follows:

		Year 20____
1	Total Assets	
2	Current Assets	
3	Total Liabilities	
4	Current Liabilities	
5	Net Worth (1 - 3)	
6	Net Working Capital (2 - 4)	

C. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:
NFCC = [(current Asset minus current liabilities)(15)] minus value of all outstanding or uncompleted portion of the projects undergoing contracts including awarded contracts yet to be started coinciding with the contract to be bid.
NFCC = P _____
K = 15 for a contract duration of one year or less, 15 for more than one year up to two years and 20 for more than two years.
or
Commitment from a licensed bank to extend to it a credit line if awarded the contract in the amount of at least 10% of the proposed project to be bid.

Name of Bank:_____ Amount:_____

Herewith attached are certified true copies of the financial statements based on the data submitted to the BIR, through its Electronic filling and Payment System. (EFPS) for the immediately preceding year and the certificate of commitment from a licensed bank to extend a credit line.

Submitted by:

_____
Name of Firm/Contractor

_____
Signature of Authorized Representative
Date:_____

NOTE:

1. If partnership or joint venture, each Partner or Member of firm of Joint Venture shall submit the above requirements.

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into By and Between _____ of legal age, _____, owner/proprietor of _____ and a resident
(Civil Status)
of _____.

-and-

_____, of legal age, _____, owner/proprietor of _____ a resident of _____.

THAT both parties agree to join together their manpower, equipment, and what is need to facilitate the Joint Venture to participate in the Eligibility, Bidding and Undertaking of the here-under stated project to be conducted by the Iloilo Science and Technology University – Miagao Campus.

_____NAME OF PROJECT_____ _____CONTRACT AMOUNT_____

That both parties agree to be jointly and severally liable for the entire assignment.

That both parties agree that _____ and/or _____ shall be the Official Representative of the Joint Venture, and is granted full power and authority to do, execute and perform any and all acts necessary and/or to present the Joint Venture in the bidding as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation.

That this Joint Venture Agreement shall remain in effect only for the above stated Projects units terminated by both parties.

Done this _____ day of _____, in the year of our Lord.

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

AUTHORITY OF SIGNATORY
SPECIAL POWER OF ATTORNEY

I, _____, President of _____ a corporation incorporated under the laws of _____ with its registered Office _____, by virtue of Board Resolution No. _____ dated and lawful _____ has made, constituted and appointed _____ true attorney, for its and its name, place and stead, to do, execute and perform any and all acts necessary and/or represent _____ in the bidding of _____ as fully and effectively as corporation might do if personally present with full power of substitution and revocation and hereby confirming all that said representative shall lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2025 at _____.

Signed in the Presence of:

_____ _____

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)
_____ CITY) SS.

BEFORE ME, a Notary Public for and in _____, Philippines, this _____ day of 2025, personally appeared:

NAME	CTC NO.	ISSUED AT/ON
_____	_____	_____
_____	_____	_____

known to me and know how to be the same person who executed the foregoing instrument consisting of _____ ( ) pages, including the page whereon the acknowledgements is written and acknowledged before me that the same is his free and voluntary act and deed and that of the corporation her represents.

WITNESS MY HAND AND NOTARIAL SEAL, at the place and on the date first above written.

Notary Public:
Until 31 December _____
PTR No. _____
Issued at _____
Issued on _____
TIN

Doc. No. _____
Page. No. _____
Book No. _____
Series of _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

AUTHORITY OF SIGNATORY
SECRETARY'S CERTIFICATE

(For Corporation)

I, _____ a duly elected and qualified Corporate Secretary of _____
(name of representative) *(name of company)*
a corporation duly organized and existing under and by virtue of the law of the _____, DO HEREBY, that:

I am familiar with the facts herein certified and duly authorized to certify the same:

At the regular meeting of the Board of Directors of the said Corporation duly convened and held on _____ at which meeting a quorum was present and acting throughout, the following resolutions were approved and the same have not been annulled, revoked and amended in any way whatever and are in full force and effect on the date hereof:

RESOLVED, that _____ be, as it hereby authorized participate in the bidding of
(Name of the Company)
the project: _____ by the Iloilo Science and Technology University – Miagao Campus; and that if awarded the Contract shall enter into a contract with Iloilo Science and Technology University – Miagao Campus, and in connection therewith hereby appoints _____
(name of the authorized representative)
acting as duly authorized and designated representative of _____ a granted full power
(Name of the Company)
and authority to do, execute and perform any and all acts necessary and/or to represent _____ in the bidding as fully and effectively as the _____ might do
(Name of the Company)
if personally present with full power of substitution and revocation and hereby satisfying and confirming all that my said representative shall lawfully do or cause to be done by virtue thereof;

RESOLVED FURTHER THAT, the _____ hereby authorizes its President to:

(2) execute a waiver of jurisdiction whereby the _____ hereby submits
(Name of the Bidder/Company)
itself to the jurisdiction of the Philippine Government and hereby waives its rights to question the jurisdiction of the Philippine Courts;

(3) execute a waiver that the _____ shall not seek and obtain writ of
(Name of the Bidder/Company)
injunctions or prohibition or restraining order against the AFP or any other agency in connection with this Contract to prevent and restrain the bidding procedures related thereto, the negotiating of and award of a contract to a successful bidder; and the carrying out of the awarded contract.

WITNESS the signature of the undersigned as such officer of the said _____ this day of _____, 2025.

_____
CORPORATE SECRETARY

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN to before me this _____ day of _____, 2025 affiant exhibited to me his/her Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

WITNESS MY HAND AND NOTARIAL SEAL, at the place and on the date first above written.

Notary Public:

Doc. No. _____
Page No. _____
Book No. _____
Series of _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-23**
Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the contrct: **ISAT U - Miagao Campus, Miagao, Iloilo**

CONSTRUCTION SCHEDULE AND S-CURVE

		1				2				3				4				5				6				7				8				9				10				11				12			
Item No.	Description	Month				Month				Month				Month				Month				Month				Month				Month				Month				Month				Month				Month			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

Submitted by:

_____
Name of the Representative of the Bidder

Date: _____

_____
Position

_____
Name of the Bidder

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference No.: **ISAT U MC-INFRA-2025-10-23**
Name of the Project: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of Contract: **ISAT U - Miagao Campus, Miagao, Iloilo**

MANPOWER UTILIZATION SCHEDULE

Category	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Contractor's Name:	Name of the Procuring Entity:						Contract Name:					

Submitted by:

Name of the Representative of the Bidder
Position
Name of the Bidder

Date: _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

Contract Reference Number: **ISAT U MC-INFRA-2025-10-03**
Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the Contract**: ISAT U – Miagao Campus, Miagao, Iloilo**

OUTLINE
NARRATIVE DESCRIPTION
OF
CONSTRUCTION METHODS

1.0 INTRODUCTION

Refer to Bidding etc.

2.0 BRIEF DESCRIPTION OF CONTRACT WORKS

State General features of contract works. Use tables as necessary.

3.0 CONSTRUCTION METHODS AND PROCEDURES

3.1 Methodology or General Approach
State general approach in construction in terms of use of equipment-intensive or labor based methods, any special techniques, methods or procedures to ensure completion on time and quality of construction, financing the project, etc.

3.2 Program of Work
CPM, Progress Bar Schedule and Development Schedules submitted

3.3 Financial Program

3.4 Cash flow schedules, provision for working capital, schedule of receipts, etc.

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Name of the Project: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of Contract: **ISAT U - Miagao Campus, Miagao, Iloilo**

EQUIPMENT UTILIZATION SCHEDULE

Category/Equipment	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Contractor's Name:	Name of the Procuring Entity:						Contract Name:					

Submitted by:

Name of the Representative of the Bidder
Position
Name of the Bidder

Date: _____

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: [name and address of Procuring Entity]

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers],* the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract];*

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;

d. The discounts offered and the methodology for their application are: *[insert information]*;

e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties],* which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines[1] for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

i. We understand that this Bid, together with your written acceptance thereof

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[1] currently based on GPPB Resolution No. 09-2020

included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity*].*

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
Miagao Campus
Miagao, Iloilo

BIDS AND AWARDS COMMITTEE

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Name of the Contract: **CONSTRUCTION OF UNIVERSITY CAFETERIA**
Location of the contract: **ISAT U - Miagao Campus, Miagao, Iloilo**

CASH FLOW BY QUARTER OR PAYMENT SCHEDULE

PARTICULAR	% WT.	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
ACCOMPLISHMENT					
CASH FLOW					
CUMULATIVE ACCOMPLISHMENT					
CUMULATIVE CASH FLOW					

Submitted by:

_____
Nameof the Representative of Bidder:

Date: _____

Position: _____
Name of Bidder: _____


Republic of the Philippines
gppb
Government Procurement Policy Board