

PHILIPPINE BIDDING DOCUMENTS

for

COMMUNITY HUB IMPROVEMENT

Sixth Edition July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the "Works") through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv)the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the

final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

TABLE OF CONTENTS

GLOSS	ARY OF TERMS, ABBREVIATIONS, AND ACRONYMS	6
SECTIO	ON I. INVITATION TO BID FOR	8
SECTIO	on II. Instructions to Bidders	10
1.	Scope of Bid	10
2.	Funding Information	10
3.	Bidding Requirements	10
4.	Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	10
5.	Eligible Bidders	11
6.	Origin of Associated Goods	11
7.	Subcontracts	11
8.	Pre-Bid Conference	11
9.	Clarification and Amendment of Bidding Documents	12
10.	Documents Comprising the Bid: Eligibility and Technical Components	12
11.	Documents Comprising the Bid: Financial Component	12
12.	Alternative Bids	13
13.	Bid Prices	13
14.	Bid and Payment Currencies	13
15.	Bid Security	13
16.	Sealing and Marking of Bids	13
17.	Deadline for Submission of Bids	14
18.	Opening and Preliminary Examination of Bids	14
19.	Detailed Evaluation and Comparison of Bids	14
20.	Post Qualification	14
21.	Signing of the Contract	15
SECTIO	DN III. BID DATA SHEET	16
SECTIO	ON IV. GENERAL CONDITIONS OF CONTRACT	
1.	Scope of Contract	
2.	Sectional Completion of Works	
3.	Possession of Site	
4.	The Contractor's Obligations	18
5.	Performance Security	
6.	Site Investigation Reports	19

	7.	Warranty	19
	8.	Liability of the Contractor	19
	9.	Termination for Other Causes	19
	10.	Dayworks	20
	11.	Program of Work	20
	12.	Instructions, Inspections and Audits	20
	13.	Advance Payment	20
	14.	Progress Payments	
	15.	Operating and Maintenance Manuals	21
SE	CTIO	N V. SPECIAL CONDITIONS OF CONTRACT	. 22
SE	CTIO	N VII. DRAWINGS	. 27
SE	CTIO	N VIII. BILL OF QUANTITIES	. 27
		N IX. CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS	
ST	ATE	MENT OF ALL ONGOING GOVERNMENT & PRIVATE	
		RACTS INCLUDING CONTRACTS AWARDED BUT NOT YET	
ST	ART	ED	. 54
		MENT OF BIDDER'S SINGLE LARGEST COMPLETED RACT (SLCC) SIMILAR TO THE CONTRACT TO BE BID	. 55
Bio	l Sec	uring Declaration Form	. 56
On	nnibu	s Sworn Statement (Revised)	. 57
	SEC	RETARY'S CERTIFICATE	59
	SPE	CIAL POWER OF ATTORNEY	60
NI	ET F	INANCIAL CONTRACTING CAPACITY	. 61
JO	INT	VENTURE AGREEMENT	. 62
BII	D FO	PRM	. 63
		RUCTOR'S ORGANIZATIONAL CHART FOR THE CONTRAC	
CC	NTF	RACTOR'S LETTER-CERTIFICATE TO PROCURING ENTITY	. 66
~		FICATION OF KEY PERSONNEL PROPOSED TO BE ASSIGNE E CONTRACT	
		ATA OF KEY PERSONNEL	
KE	Y PI	ERSONNEL'S CERTIFICATE OF EMPLOYMENT	. 70
CA	SH I	FLOW BY QUARTER AND PAYMENT SCHEDULE	. 74
		AVIT OF SITE INSPECTION	
Se.	ALIN	G AND MARKING OF BIDS:	. 76

Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

Foreign-funded Procurement or Foreign-Assisted Project – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.
SEC – Securities and Exchange Commission.
SLCC – Single Largest Completed Contract.
UN – United Nations.



Section I. Invitation to Bid for

Community Hub Improvement

The UP Open University (UPOU), through the Government of the Philippines (GOP) Revolving Fund, intends to apply the sum of Six Million Three Hundred Seventy-Three Thousand Pesos (PhP6,373,000.00) being the Approved Budget for the Contract (ABC) to payments under the contract for "Community Hub Improvement" (IB No. 24-02-001). Bids received in excess of the ABC shall be automatically rejected at bid opening.

The UPOU now invites bids for the above Procurement Project. Completion of the Works is required in one hundred twenty (120) calendar days. Bidders should have completed 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).

Bidding will be conducted through open competitive bidding procedures using nondiscretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Interested bidders may obtain further information from BAC Secretariat and inspect the Bidding Documents from 8:00 AM to 5:00 PM Monday to Friday at the UPOU Headquarters, Los Baños, Laguna.

A complete set of Bidding Documents may be acquired by interested bidders from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Six Thousand Five Hundred Pesos** (**PhP 6,500.00**) only. UPOU shall allow the bidder to present its proof of payment for the fees in person, by facsimile or through electronic means.

The UPOU will hold a **Pre-Bid Conference** on **29 February 2024, 2:30 PM** at the UPOU Headquarters, Los Banos, Laguna and/or through video conferencing or any other means, which shall be open to prospective bidders.

Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below <u>on or before 14 March 2024, 12:00 PM.</u> 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 16.

Bid opening shall be on <u>14 March 2024, 1:30 PM</u> at the given address below and/or via video conferencing or any other means. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

The UPOU 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 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

For further information, please refer to:

MS. ELVY A. PAMULAKLAKIN Head, Bids and Awards Committee (BAC) Secretariat UPOU Headquarters, Los Baños, Laguna Telephone No.: (049) 536-6001-06 local 210-211 Telefax No.: (049) 536-5991 Email: <u>bac@upou.edu.ph</u>

You may visit the following websites:

For downloading of Bidding Documents: *https://www.upou.edu.ph/bids-and-awards-committee/*

15 February 2024

(SGD) **Dr. PRIMO G. GARCIA** Chair Bids and Awards Committee

Section II. Instructions to Bidders

1. Scope of Bid

The UPOU invites Bids for the **Community Hub Improvement**, with Project Identification Number IB No. 24-02-001.

The Procurement Project (referred to herein as "Project") is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below in the amount of PhP6,373,000.00.
- 2.2. The source of funding is Revolving Fund.

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.

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

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that Subcontracting is not allowed.

7.2. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

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, **UPOU Headquarters, Los Banos, Laguna** and/or through videoconferencing/webcasting as indicated in paragraph 6 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 VIII. 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 VIII. Checklist of Technical and Financial Documents.
- 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 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 and shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids. 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.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, 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 7 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

- 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.
- 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 16 shall be submitted for each contract (lot) separately.
- 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**.

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.		
7.1	No additional requirement.		
10.3			
10.4	The key personnel must meet the required minimum years of experience set below:		
	Key Personnel	General Experience	
	1. Resident Architect/Civil Engineer2. Project Registered Electrical	Min. 5 yrs Min. 5 yrs	
	Engineer	WIII. 5 YIS	
	3. Project Registered Mechanical	Min. 5 yrs	
	Engineer		
	4. Registered Master Plumber	Min. 5 yrs	
	5. Safety Officer/Engineer	Min. 5 yrs w/ BOSH and COSH	
		Certificates	
	6. General Foreman	Min. 5 yrs	
	7. Electrician	Min. 5 yrs w/ NC2	
10.5	appropriate licenses, certificate of traini submitted separately for each position. The minimum major equipment require	ng, accreditation, and the like should be ments are the following:	
	A. Equipment	No. of Units	
	1. Welding Machine (max. 400amp)	Min. 1 unit	
	2. Grinder	Min. 2 units	
	3. Jackhammer	Min. 1 unit	
	4. Compressor	Min. 2 units	
	5. Insulation Resistance Tester	Min. 1 unit	
	6. Refrigerant Pressure Gauge	Min. 1 unit	
	B. Others	No. of Units	
	1. PPE (Personal Protective	Min. 15 pcs per item except safety	
	Equipment) (hard hat, safety	harness (5 pcs only)	
	vest, safety shoes, safety		
	harness, safety gloves)		
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:		
		8	

	a. The amount of not less than PhP 127,460.00 (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;
	b. The amount of not less than PhP 318,650.00 (5%) of ABC if bid security is in Surety Bond.
19.2	Partial bids is not allowed.
20	Valid PCAB License and Registration: Small B (minimum size range); General Building (GB1); Category C or D (minimum license category).
21	The Bidder shall submit additional contract document relevant to the project such as Contractor's Letter-Certificate to UPOU.

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 any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

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. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

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	The Intended Completion Date is one hundred twenty (120) calendar days from the starting date; the starting date being seven (7) calendar days from the issuance of the Notice to Proceed.
	NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.
4.1	The UPOU shall give possession of all parts of the Site to the Contractor upon issuance of the Notice to Proceed.
6	The site inspection report shall be provided to the UPOU.
7.2	The warranty against Structural Defects/Failures, except those occasioned-on force majeure, shall cover a period of five (5) years.
10	No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Schedule of Work to the Procuring Entity's Representative within ten (10) calendar days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is one tenth $(1/10)$ of one percent (1%) per day of delay for the current progress billing.
13	The amount of the advance payment is fifteen percent (15%) of the total contract price subject to the requirements of the Revised IRR of RA 9184 and additional conditions, if any.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	(a) The date by which operating and maintenance manuals are required is not later than thirty (30) calendar days prior to conducting the acceptance test.
	(b) The date by which "as built" drawings are required is thirty (30) calendar days upon the project completion.(c) In addition, for every Progress of Work the contractor must submit an "As-Built" drawings as supporting document for the approval of Progress Payment.
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is two percent (2%) of the Contract Price or the non-issuance of the Retention Money.

Section VI. Specifications

SCOPE OF WORK

A.) DISMANTLING, CHIPPING, DISPOSAL AND CLEANING

- 1. Floor tiles of the Library, proposed Discussion Area, Comfort Rooms, Training Room and wall tiles at Comfort Rooms.
- 2. Toilet fixtures, doors and partitions.
- 3. Drywall partition of existing Discussion Room at the Library Area.
- 4. Cabinets at the Pantry.
- 5. Relocation of Computer Counter.
- 6. Chipping of flooring and walls on areas where tiles are dismantled.
- 7. Broken steel louver back door (D-6).
- **B.) INSTALLATION WORKS**
 - 1. Fixed glass wall w/ sliding partitions and awning windows (See SP-1a, SP-1b and SP-1c).
 - 2. Fixed glass wall w/ sliding door (See SD) and swing glass door (See D-1 & D-2) at the proposed Discussion Room and Lounge Area.
 - 3. Ceiling at the proposed Discussion Room and Lounge Area.
 - 4. Drywall partition at the Training / Multi-purpose Room with doors.
 - 5. Wall Cladding on walls between Library and proposed Discussion Room.
 - 6. Portion of ceiling at the Concessionaire No.1.
- C.) REPLACEMENT WORKS
 - 1. Floor tiles of the Library, proposed Discussion Area, Comfort Rooms, OGC & Pahinungod and wall tiles of the Comfort Rooms.
 - 2. Polycarbonate roofing at the main entrance canopy.
 - 3. Toilet fixtures, doors and partitions of Comfort Rooms.
 - 4. Cabinets at Pantry.
- D.) RESTORATION AND REPAIR WORKS
 - 1. Restoration of damaged concrete floor finishes of the front walk area and stairs.
 - 2. Repair of damaged doors and servicing of windows.
- E.) REPAINTING / PAINTING WORKS
 - 1. Repainting of all interior and exterior walls and ceiling including the concessionaire's area and the outside small entrance arch.
 - 2. Repainting of doors and steel window grills.
 - 3. Painting of new drywall finishes, concrete finishes and other surfaces.
 - 4. Painting of floor finishes of the front walk area and stairs including porch area.

F.) MECHANICAL / ELECTRICAL WORKS

- 1. Provision of Split type airconditioning unit at the proposed Discussion Room and Lounge Area.
- 2. Provision of floor mounted convenience outlets at the Library Area to accommodate every table.
- 3. Provision of wall mounted convenience outlets at the proposed Discussion Area and Library.
- 4. Relocate and replace lighting fixtures at the proposed Discussion Area.

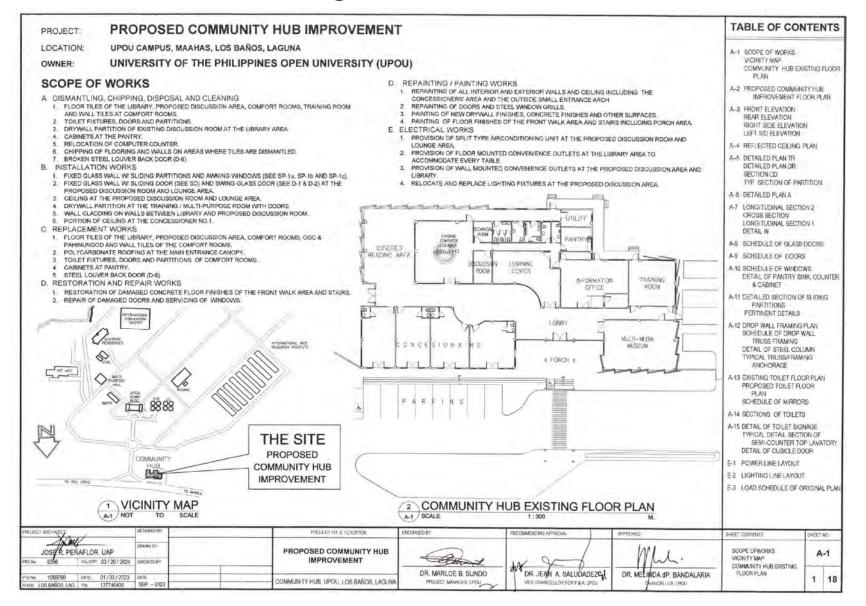
Outline Specifications

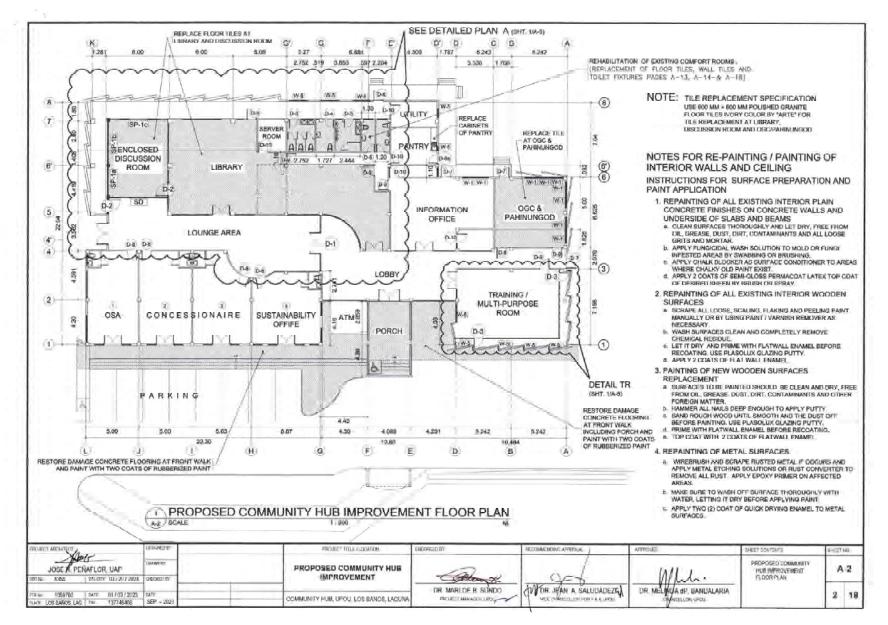
Item/Material	Description	Type/Brand
1. Doors and Windows		
		Q. 1 1
a. Sliding and Fixed Glass Partition with	See schedule of windows	Standard
Awning Window		0, 1, 1
b. Sliding Door with Fixed Glass and	See schedule of doors and	Standard
Awning Window	window See selectule of doors	Stan dand
c. Swing Glass Doors with Fixed Glass d. Wooden Door	See schedule of doors See schedule of doors	Standard
	See schedule of doors	Standard
e. Metal Swing Door	See schedule of doors	Standard
2. Ceiling Works	12.5mm thk.	Branded or
a. Echostop Perforated Gypsum board		
h Interior wood plactic composite coiling	22mm v 168mm Khalri aalar	approved equal Branded or
b. Interior wood plastic composite ceiling	22mm x 168mm; Khaki color	
panel	10mm thk.	approved equal Standard
c. Gypsum Board d. Acoustic Board	600mm x 600mm	Standard
e. Ficemboard		
	4.5mm thk. 26mm x 26mm x 2M	Standard
f. WPC Indoor Cornice Trim	26mm x 26mm x 21vi	Standard
3. Drywall Partition	Course that I have be the end of the second	<u>Ctau 1au 1</u>
a. Ficemboard	6mm thk. Including 32mm x	Standard
	76mm x 0.8mm metal	
h. Fissenhaand Dree well finishing	studdings	Stan dand
b. Ficemboard Drop wall finishing	6mm thk.	Standard
c. Baseboard	1" x 6" S4S KD Tanguile	Standard
4 Wall Cladding	baseboard	
4. Wall Cladding	20	Stan dand
a. Fluted WPC Wall Cladding 5. Structural Works	20mm x 185mm x 2900mm	Standard
	4?? 4?? 20?	Standard
a. Column	4" x 4" x 20' steel wide flange	
b. Truss Drop Wall Framing	$38 \text{ mm} \times 38 \text{ mm} \times 6M \text{ Angle}$	Standard
	Bar;	
	$25 \text{ mm} \times 25 \text{ mm} \times 6M \text{ Angle}$	
6. Finishes	Bar	
a. Floor Tiles		
a. Ploor Thes a.1. Polished Granite	600mm x 600mm (Ivory	Branded or
a.1. Polisiled Oralite	600mm x 600mm (Ivory Color)	Branded or approved equal
	· · · ·	approved equal
	Loc: tile replacement at Library, Discussion Room and	
	OGC/Pahinungod	
a.2. Vitrified Porcelain	300mm x 600mm (Linen	Branded or
	Beige and Aurora Blanco)	approved equal
	Loc: Female and Male/PWD	approved equal
	CR	
b. Wall Tiles		
0. 11 11105	1	1

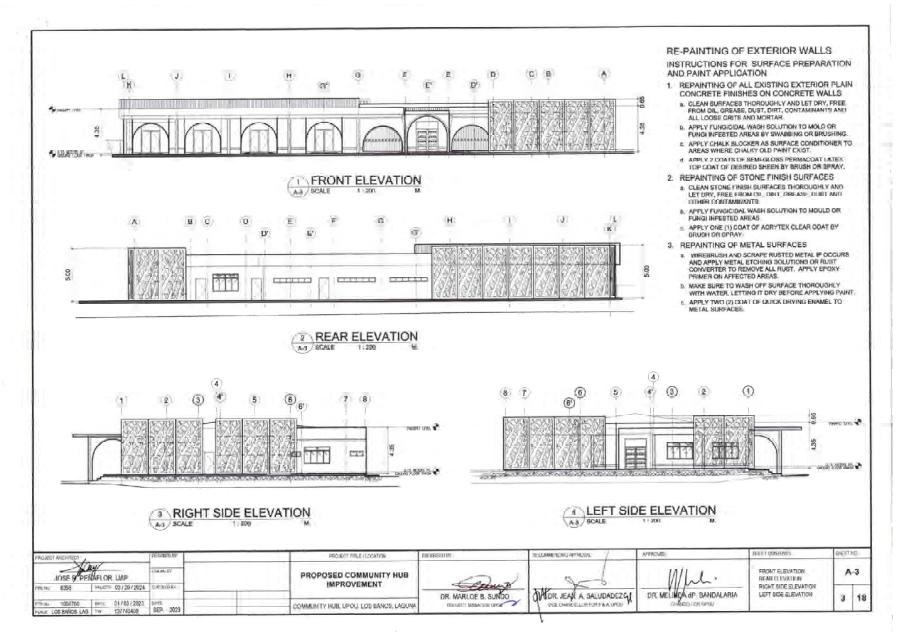
b.1. Polished Porcelain	200mm v 600mm (Lund	Branded or
b.1. Polisned Porcelain	300mm x 600mm (Lund	
	Brown and Lund Light Grey)	approved equal
	Loc: Female and Male/PWD CR	
b.2. Glazed Ceramic Tiles	300mm x 300mm	Branded or
	(inside cabinets)	approved equal
c. Twin Wall Polycarbonate Roofing	6mm thk.	Branded or
	(Roofing of Main Entrance	approved equal
	Canopy)	11 1
7. Toilet Fixtures		
a. Water Closet	One piece toilet	Branded or
	1	approved equal
b. Lavatory 1	Semi counter Wash Basin	Branded or
, , , , , , , , , , , , , , , , , , ,		approved equal
c. Lavatory 2	Wall-hung type Basin with	Branded or
	semi pedestal	approved equal
d. Urinal	With concealed urinal sensor	Branded or
	flush (battery power)	approved equal
e. Lavatory Faucet	Automatic battery power	Branded or
	sensor & deck-mounted solid	approved equal
	brass with chrome finish	approved equal
f. Floor drain	Stainless steel with insect and	Standard
	odor trap, 100mm x 100mm	Stundard
g. Hand Dryer	Compact type wall mounted	Branded or
g. Hand Diyer	and automatic	approved equal
h. Soap Dispenser	AISI 304, stainless steel satin	Standard
n. Soup Dispenser	finish or brushed metal, hands	Standard
	free automatic battery operated	
	with 1L min. capacity	
i. Toilet Paper Dispenser	Wall mounted stainless steel	Standard
1. Tonet i aper Dispenser	satin finish with 2 standard roll	Standard
j. Grab Bar	capacity 38 mm Ø stainless steel Pipe	Standard
J. Glad Dal	Rail	Standard
k. Frameless mirror	6mm thk. (see schedule)	Standard
1. Granite counter top and apron	18mm thk. Solid black	Standard
m. Phenolic Compact Board cubicles, doors	12mm thk. (complete with	Standard
and stiles	stainless steel accessories	Stanuaru
	including footings, hinges,	
	brackets, door locks, coat/bag	
	hooks etc.)	
n. Phenolic Compact Board urinal partition	12mm thk. (w/ 3 sets U-wall	Standard
n. Thenome Compact Board urmai partition	brackets each)	Stanuaru
o Top rail	Stainless steel satin finish	Standard
o. Top rail		Standard
p. Acrylic Signages	6mm thk. (see details)	Stanuaru
8. Cabinets at Pantry	nowdon costad -1	Standard
a. Hanging cabinet	powder coated aluminum	Standard
	framing and aluminum	

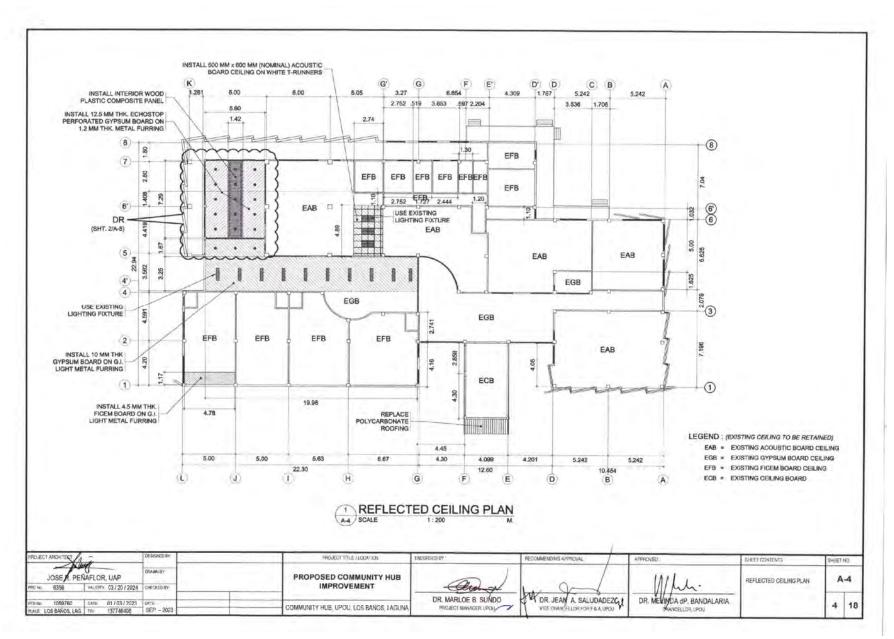
	composite panel doors and	
	accessories	
b. Counter cabinet	powder coated aluminum framing and aluminum composite panel doors on existing concrete slab	Standard
c. Polished non-stain granite slab counter top and splash board	18mm thk.	Standard
d. Kitchen sink	Single washboard stainless, complete with accessories and gooseneck chrome plated brass faucet	Branded or approved equal
9. Painting		
a. Rubberized Paint	Concrete flooring at front walk	Branded or approved equal
b. Semi-gloss permacoat latex	All concrete finishes, walls	Branded or approved equal
c. Flat wall enamel	All interior wooden surfaces	Branded or approved equal
d. Glazing Putty	All interior wooden surfaces	Branded or approved equal
e. Quick Drying enamel	All metal surfaces	Branded or approved equal
f. Acrytex clear coat	All stone finish surfaces	Branded or approved equal
10. Electrical Works		
a. Roughing-ins	Embedded in flooring & walls	Submit sample for approval
b. Outlet and boxes	On walls and ceilings	Submit sample for approval
c. Wires and cables	Embedded in flooring & walls	
d. Wiring Devices	Embedded in flooring & walls	Submit sample for approval
e. Lighting Fixtures	Refer to plan for location	Submit sample for approval
f. Circuit Breaker (Bolt-on)	Refer to plan for location	Submit sample for approval
g. Enclosed Circuit Breaker	Refer to plan for location	Submit sample for approval
11.Mechanical Works		
a. Air Conditioning Unit		
a.1. 1.5 HP wall mounted ACU	Refer to plan for location	Branded or approved equal
a.2. 3.0 HP wall mounted ACU	Refer to plan for location	Branded or approved equal

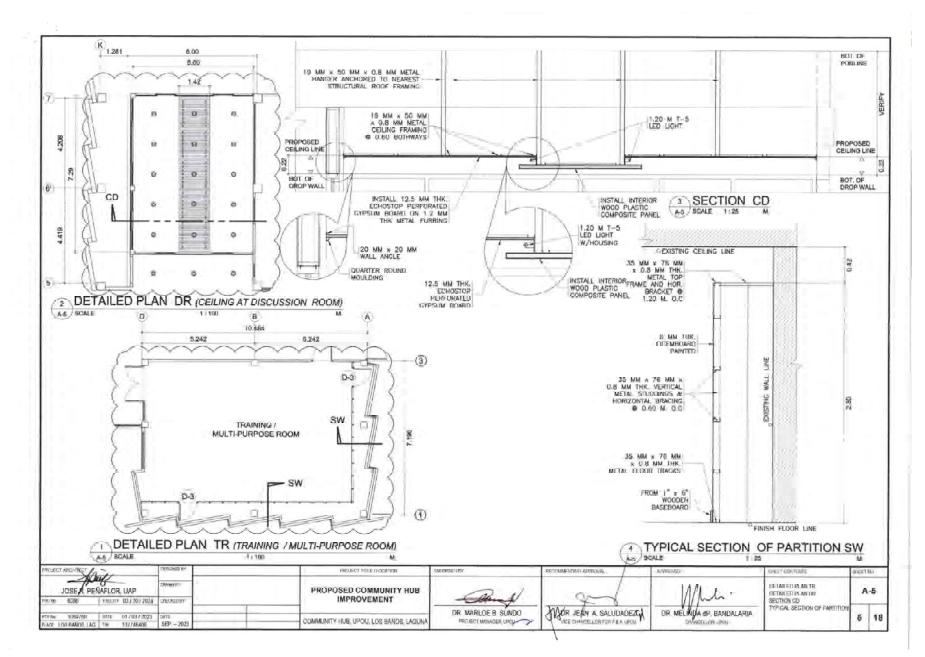
Section VII. Drawings

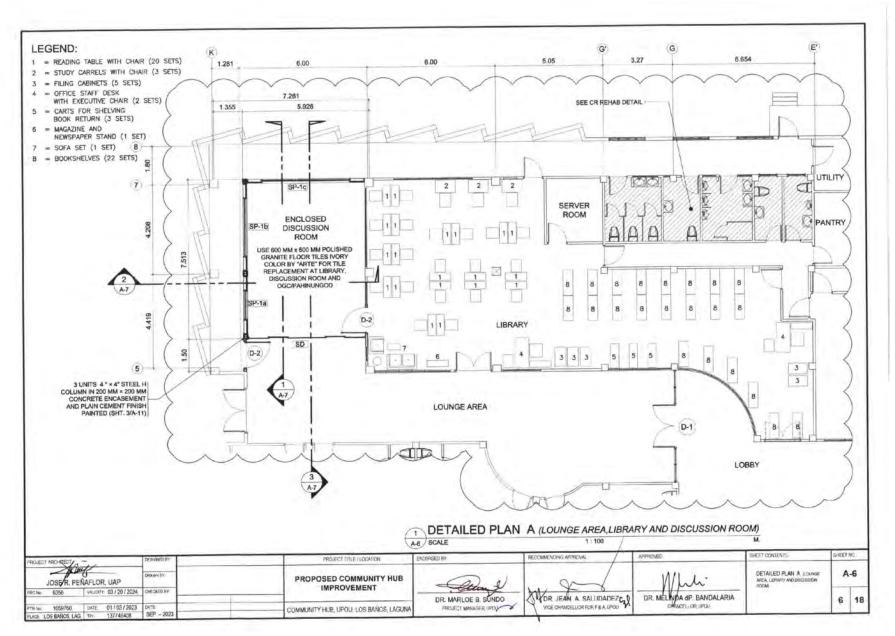


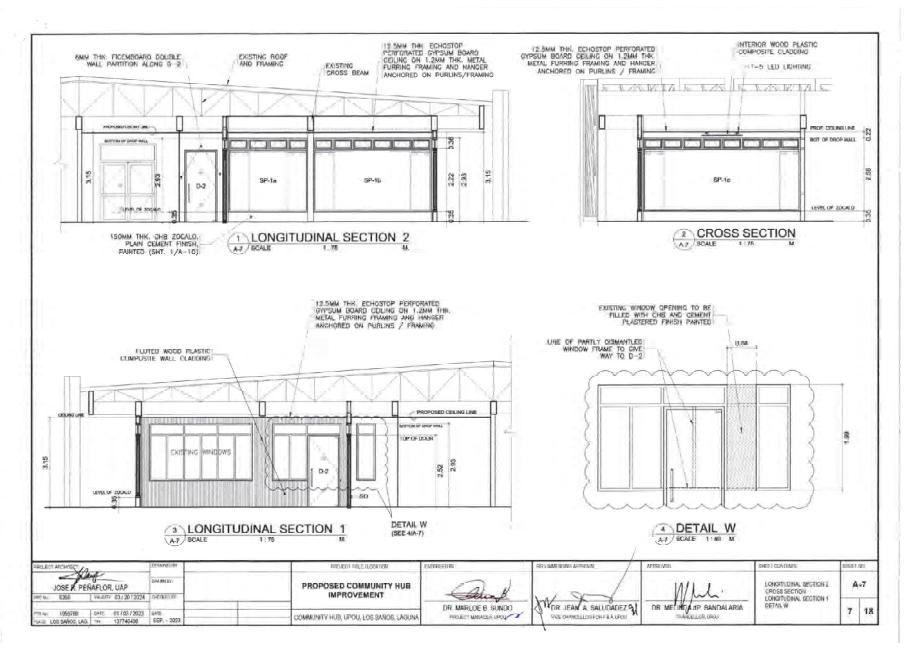


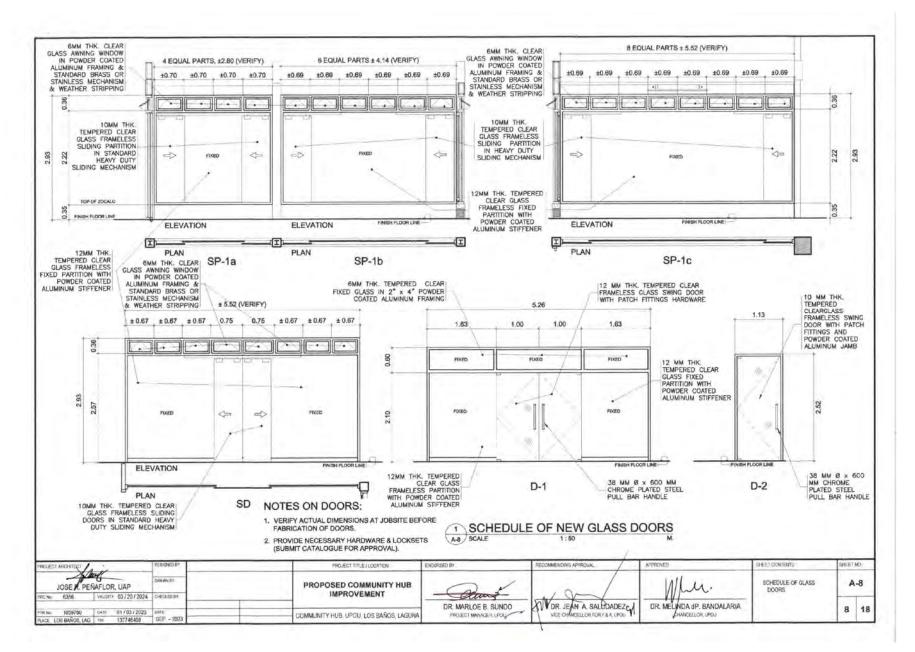


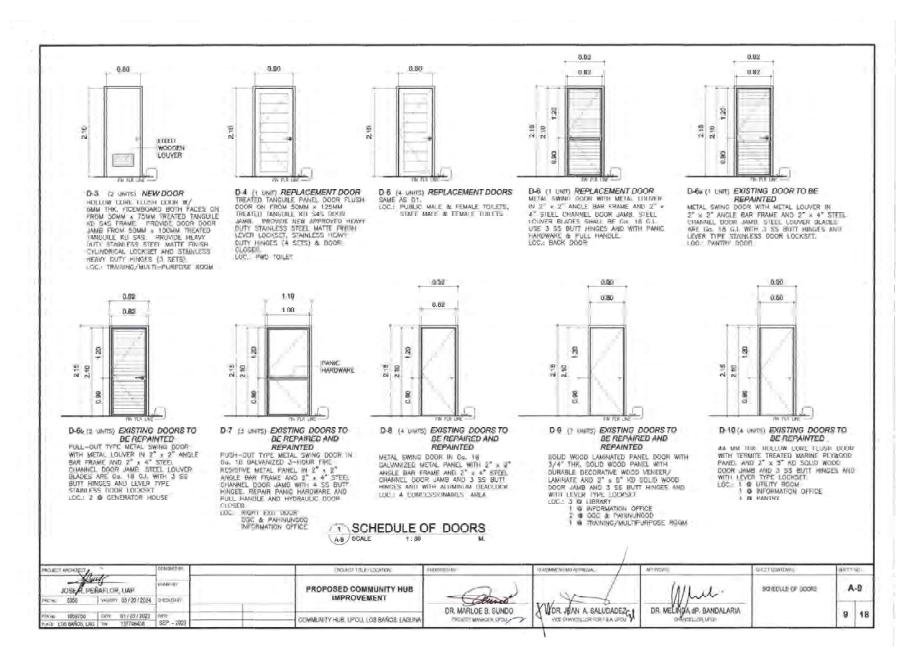


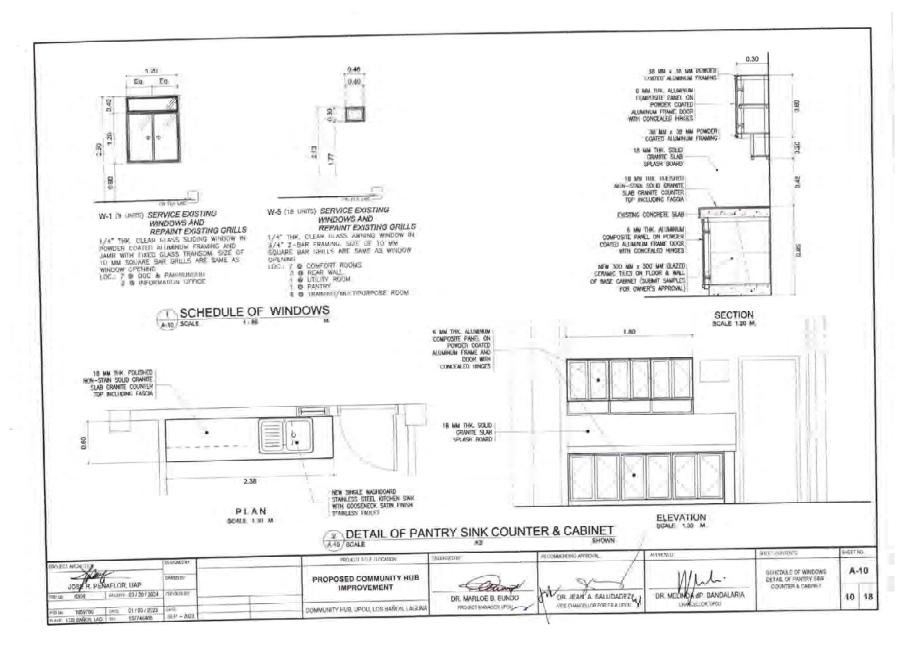


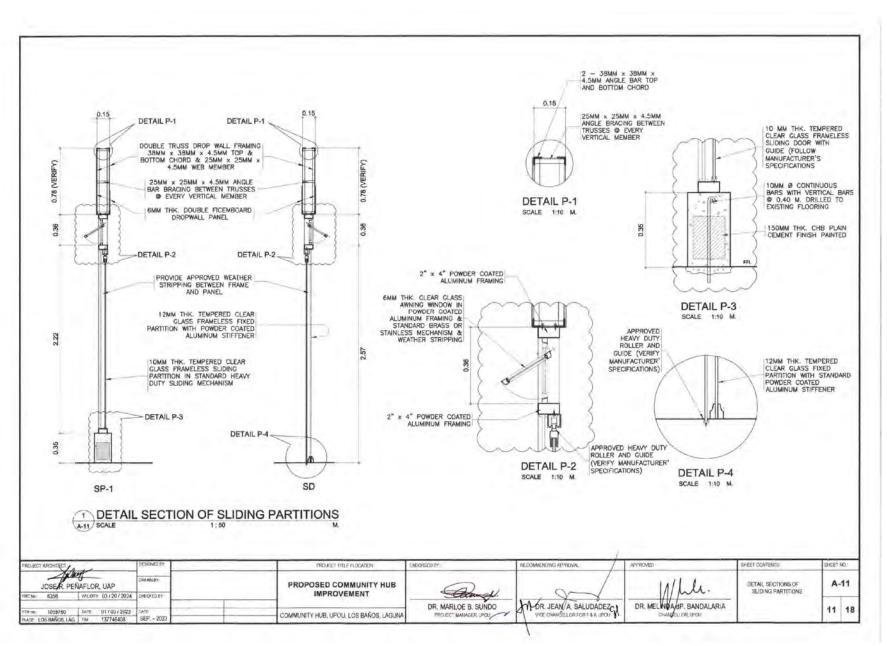


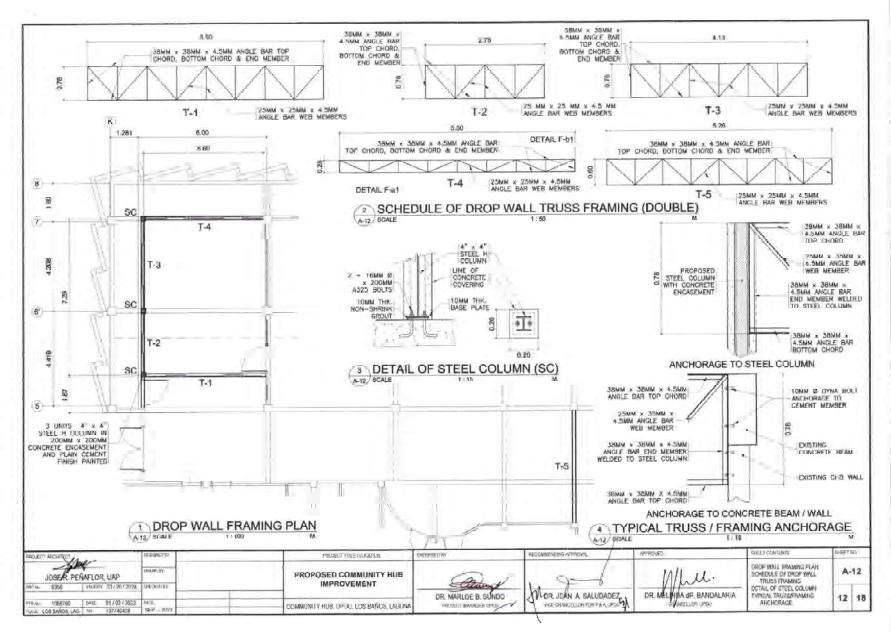


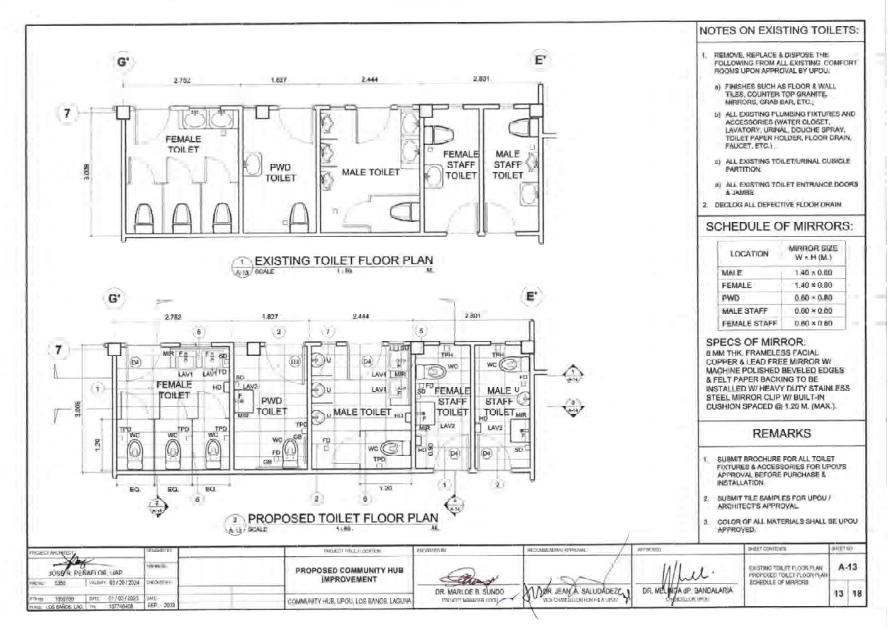


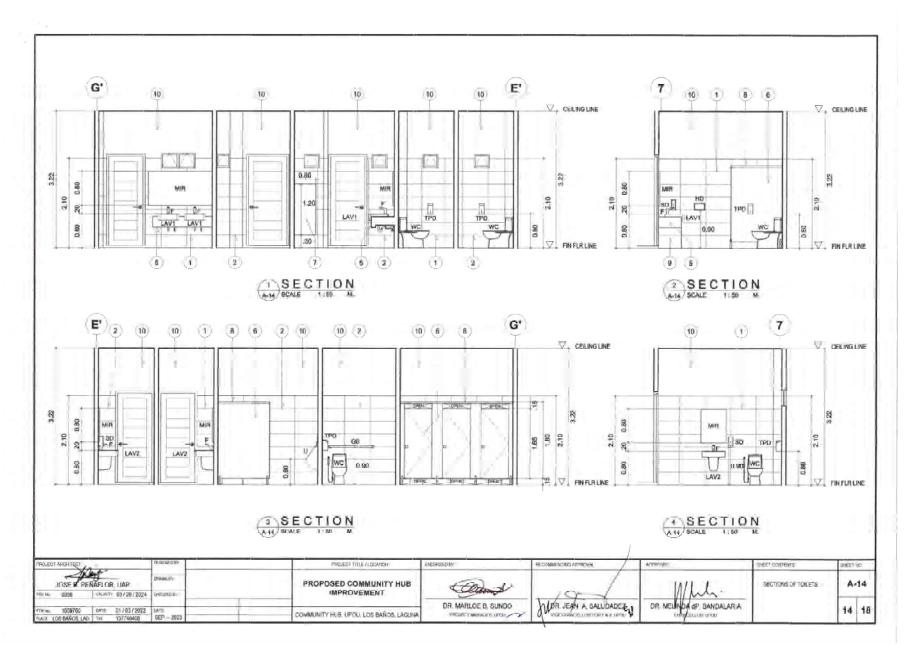


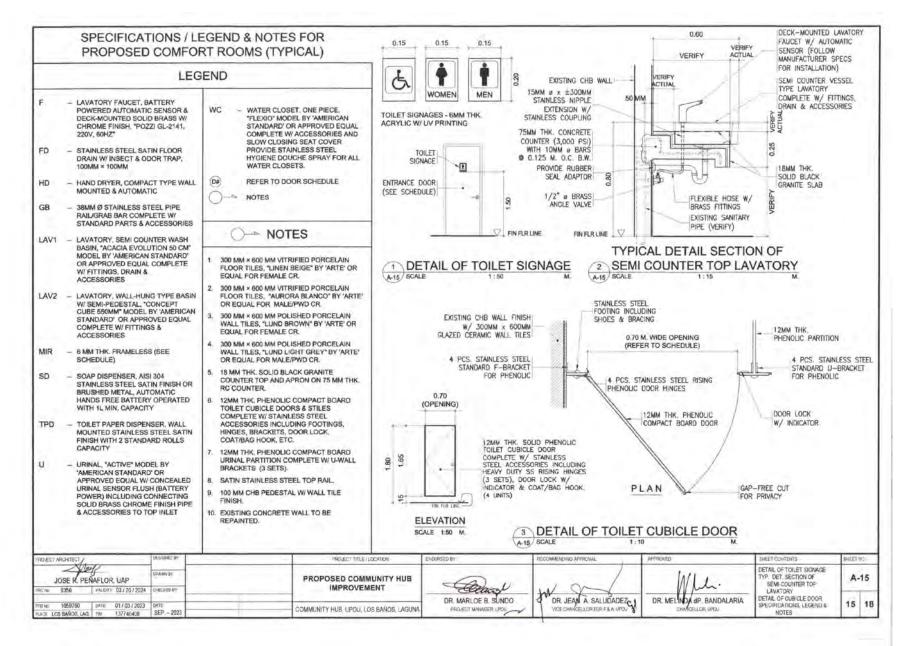


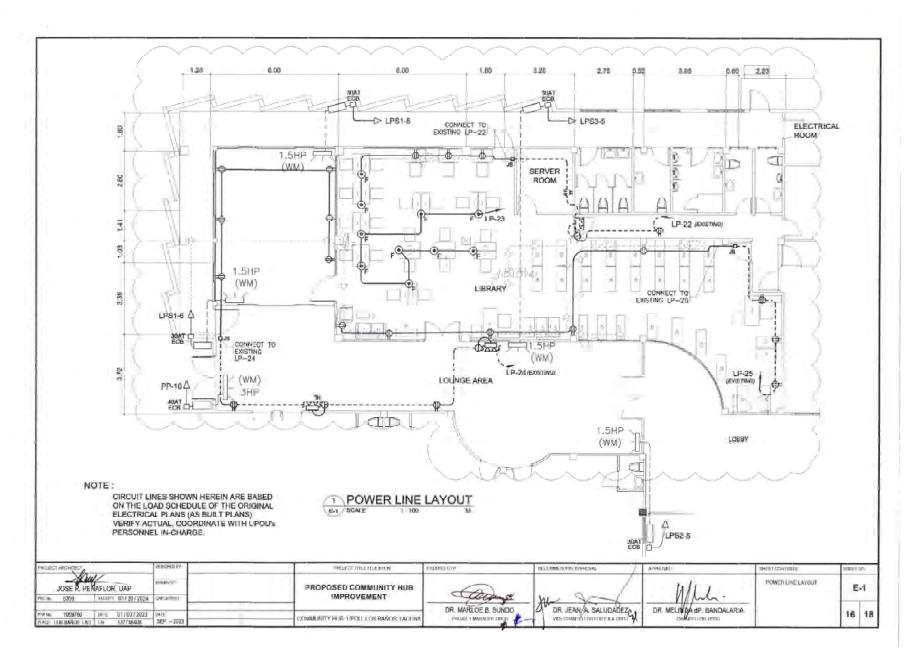


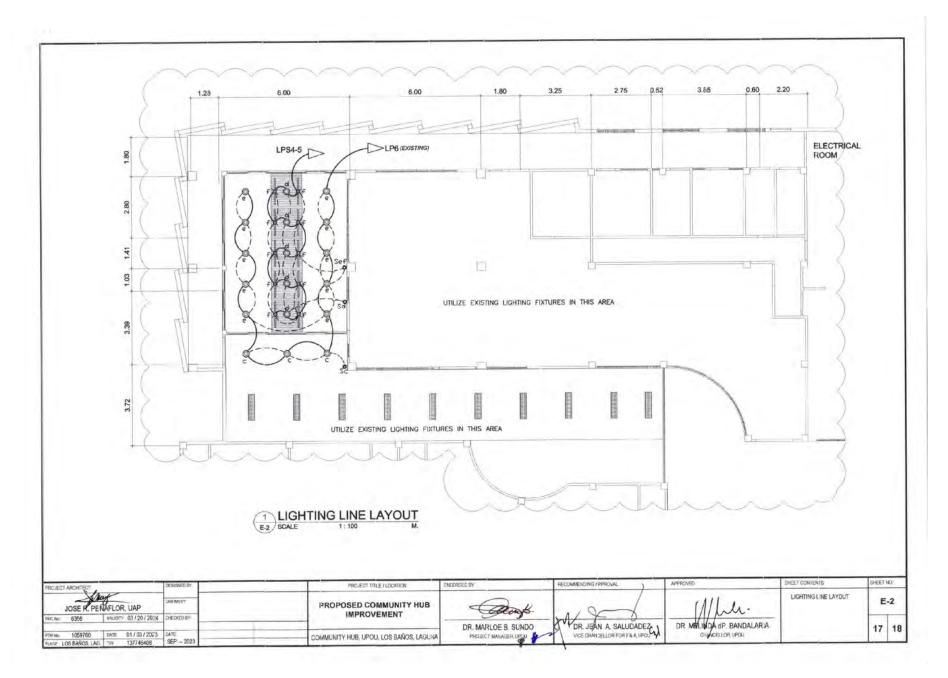












FEEDER	B 60AT,100AF,3P,230V, Y 14		-					CKT.	8 X 8.0	TOTAL	1	CONNECTI	IN			FEETER	
CKT.	LOAD DESCRIPTION	CONNECTION	VOLTS	PER PHASE	CIRCUIT	BREAKER	FEEDER	ND.	LOAD DESCRIPTION	LOAD (VA)	VOLTS	A B	C AT	AF	EAKER	VIRES	
MU		LOAD (VA)		AB		FPOLE		1	LIGHTING DUTLET	490	230	490	20	50	2	X 3.5	
1	LIGHTING DUTLET	531		31		5 0	X 3.5	5	CONVENIENCE DUTLE		230	:300	20	50	5	X 3.5	
3	LIGHTING DUTLET	835	230 B	275		5 0	X 3.5 X 3.5	3	SPO DUTLET	500	230	500	20	50	2	X 3.5	
4	LIGHTING DUTLET	912	230	912		5 0	X 35	4	ACCU, 3.0TR, 10	4167	230	2167	40			X 8.0	
5	LIGHTING DUTLET	836	230			5 0	X 3.5	5	SPARE	1000	230	1000	20		2		
6	LIGHTING DUTLET	420	230	42	20 20 5	2 0	X 3.5	7	SPACE	1000	230	1000	20	50	-		
7	LIGHTING DUTLET	580		80		5 0	X 3.5	Ð	SPACE								
8	LIGHTING DUTLET	760		60		5 0	X 3.5		TOTAL	7957	230	7957	40	100	2	X 8.0	
10	LIGHTING DUTLET	684	530	684 350		0 2	X 3.5 X 3.5										
11	LIGHTING OUTLET	714	230			0 2	X 3.5	PANE	PANEL "LPSE"								
12	LIGHTING DUTLET	528	230	52		5 0	X 3.5	MAIN C	10 40AT,100AF,2P,230V,	60HZ, IOKAI	C.						
13	LIGHTING DUTLET	475		75	20 5		X 3.5	FEEDER	6 X 8.0			_					
14	LIGHTING DUTLET	912		12	20 5		X 3.5		The second second second	TOTAL		CONNECTIO	IN	-	1	FEELER	
15	LIGHTING DUTLET	635	230	635		8 0	X 35	ND.	LOAD DESCRIPTION	CONNECTION	VOLTS	LOAD (VA	CIRC	UT BRE	EAKEN	VIRES	
16	LIGHTING DUTLET	635 530	230	635		0 2	X 3.5 X 3.5	10		LOAD (VA)	-	AB		AF	POLE		
18	LIGHTING DUTLET	430	230			0 2	x 3.5	1	LIGHTING DUTLET	490	230	490	20		2	X 3.5	
19	LIGHTING DUTLET	530		30	20 5		× 3.5	2	CONVENIENCE DUTLE		230	1900	20			X 3.5 X 3.5	
20	CONV. DUTLET	1400		100	20 5	S 0	X 3.5	3	ACCU, 3.0TR, 10	500	230	500	20			C.E X 0.8 X	
21	CONV. DUTLET	1500	230	1500		5 0	X 3.5	5	SPARE	1000	230	1000	20		2		
55	CONV. OUTLET	2000	530	2000		5 0	X 3.5	6	SPARE	1000	230	1000	20		2		
-23	CONV. DUTLET	1400	230			<u>2</u> 0	X 3.5	7	SPACE	-	230	-	-				
24	CONV. DUTLET	1200	230 20	12		S 0	X 3.5 X 3.5	8	SPACE	-	230	-			-		
25	CONV. DUTLET	1000	230 20			0 2	X 3.5		TUTAL	7957	230	7957	40	100	2	X 8.0	
27	CONV. DUTLET	1400	230	1400		0 2	X 3.5										
85	CONV. DUTLET	1200	230	1500	20 5	5 0	X 3.5	PANEL	PANEL "LPS3"								
- 29	CONV. DUTLET	1200	230	1.24	0 20 5	2 0	X 3.5	MAIN C	B: 40AT,100AF,2P,230V,	GOHZ, IOKAT	C						
			6.30														
30	SPARE	425		42	5			FEEDER	x 8.0		-						
30		425			5	00 3	X 14			(ATTIT	1	CONNECTI		20		FEELER	
	SPARE	425		42	5	00 3		FEEDER	LOAD DESCRIPTION	TUTAL	VOLTS	LOAD (VA	CIRC	UT BR	EAKEN	FEELER	
PANEL	PANEL 'PP'	425 25997	230 8	42	5	00 3		CKT.	LOAD DESCRIPTION	TOTAL CONNECTION LOAD (VA)	VOLTS	A B	C AT	AF 1	POLE	WIRES	
PANEL: MAIN C	PANEL 'PP' B 125AT, 225AF, 3P,	425 25997	230 8	42	5	00 3		CKT. ND.	LOAD DESCRIPTION	TOTAL CONNECTION LOAD (VA) 452	VOLTS	A B 490	C AT 20	AF 50	POLE	X 3.5	
PANEL	PANEL 'PP' B 125AT, 225AF, 3P,	425 25997 230V, 60HZ,	230 8	723 \$591 76	5	00 3		CK'T. ND. 1 2	LOAD DESCRIPTION	TUTAL CONNECTION LOAD (VA) 452 800	230 230	LOAD (V/ A B 490 900	0 CIRC C AT 20 20	AF 50 50	POLE	¥ 3.5 X 3.5	
PANELI MAIN C	PANEL 'PP' B: 125AT, 225AF, 3P, Y 30	425 25997 230V, 60HZ,	230 8 22KAIC	723 5591 76	83 60 10			CKT. ND.	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPD DUTLET	TOTAL CONNECTION LOAD (VA) 452 T 800 500	VOLTS	LOAD (V/ A B 490 800 500	C AT 20	AF 50 50 50	POLE 2 2 2	VIRES X 3.5 X 3.5 X 3.5	
PANEL: MAIN C FEEDER	PANEL 'PP' B 125AT, 225AF, 3P,	425 25997 230V, 60HZ, TDTAL CONNECTION	230 8 22KAIC VOLTS	CONNECTION	5 83 60 10 CIRCUIT	BREAKER	X 14	CK'I- ND 1 2 3	LOAD DESCRIPTION	TUTAL CONNECTION LOAD (VA) 452 800	230 230 230	LOAD (V/ A B 490 900	CIRC C AT 20 20 20	AF 50 50 50	POLE 2 2 2	¥ 3.5 X 3.5	
PANELI MAIN C FEEDER	PANEL "PP" B 125AT, 225AF, 3P, Y 30 LOAD DESCRIPTION	425 25997 230V, 60HZ, TDTAL CONNECTION LDAD (V4)	230 8 22KAIC VOLTS	CONNECTION LOAD (VA) A B (5 83 60 10 CIRCUIT	BREAKER	X 14	CKT. NO. 1 2 3 4	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPOI DUTLET ACCU, 3.0TR, 10	TOTAL CONNECTION LOAD (VA) 452 T 800 500 4167	230 230 230 230 230	LDAD (V/ A B 490 800 500 4167	0 CIRC C AT 20 20 20 40	AF 50 50 50 50 50	POLE 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5	
PANEL: MAIN C FEEDER CKT. ND	PANEL 'PP' BI 125AT, 225AF, 3P, Y 30 LOAD DESCRIPTION ACCU 3.0TR, 18	425 25997 230V, 60HZ, TDTAL CONNECTION LDAD (V4) 4167	230 8 22KAIC VOLTS 230 41	CONNECTION LOAD (VA) A B (25 83 60 10 CIRCUIT 2 AT A 40 5	BREAKER F POLE 0 2	X 14 FEEDER VIRLS X 8.0	CK7. ND 3 4 5 6 7	LOAD DESCRIPTION LIGHTING OUTLET CONVENTENCE DUTLE SPO DUTLET ACCU, 30TR, 10 SPARE SPARE SPARE SPARE SPACE	TUTAL CONNECTION LUAD (VA) 452 1 800 500 4167 1000 1000	230 230 230 230 230 230 230 230 230 230	LUAD (V/ A 8 490 900 500 4167 1000 1000	 CIRC AT 20 20 20 40 20 20 20 	AF 50 50 50 50 50 50 50 50	POLE 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5	
PANEL: MAIN C FEEDER CKT. ND 1 2	SPARE TOTAL PAHEL *PP* * # 125AT, 225AF, 3P, * * Y 30 * LDAD DESCRIPTION ACCU 3.0TR, 10 ACCU 3.0TR, 10 *	425 25997 230V, 60HZ, TOTAL CONNECTION LOAD (VA) 4167 4167	230 8 22KAIC VOLTS	CONNECTION LDAD (VA) A B (167 4167	55 83 60 10 CIRCUIT AT A 40 5 40 5	BREAKER F POLE 0 2 0 2	X 14	CKT. ND. 1 2 3 4 5	LUAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET ACCU, JUTLET ACCU, JUTLET ACCU, JUTLET SPARE SPARE SPARE SPACE SPACE	TUTAL CONNECTION LOAD (VA) 452 T 800 500 4167 1000 1000 -	VOLTS 230 230 230 230 230 230 230 230 230 230	LEAD (V/ A 8 490 900 500 4167 1000 1000 	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANEL: MAIN C FEEDER CKT. ND	PANEL 'PP' BI 125AT, 225AF, 3P, Y 30 LOAD DESCRIPTION ACCU 3.0TR, 18	425 25997 230V, 60HZ, TDTAL CONNECTION LDAD (V4) 4167	230 8 22KAIC VOLTS 230 41 230 230	CONNECTION LOAD (VA) A B (55 83 60 10 CIRCUIT AT A 40 5 40 5	BREAKER F POLE 0 2 0 2 0 2	X 14 FEEDER VIRLS X 8.0 X 8.0	CK7. ND 3 4 5 6 7	LOAD DESCRIPTION LIGHTING OUTLET CONVENTENCE DUTLE SPO DUTLET ACCU, 30TR, 10 SPARE SPARE SPARE SPARE SPACE	TUTAL CONNECTION LOAD (VA) 452 T 800 500 4167 1000 1000 -	230 230 230 230 230 230 230 230 230 230	LUAD (V/ A 8 490 900 500 4167 1000 1000	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5	
PANEL MAIN C FEEDER CKT. ND 1 2 3	SPARE TOTAL PANEL 'PP' 9: 125'AT, 225AT, 3P, 125'AT, 225AT, 3P, LOAD DESCRIPTION ACCU 3.0TR, 18 ACCU 3.0TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18	425 25997 230V, 60HZ, TDTAL CDNNECTION LDAD (VA) 4167 2760 2760 2760	230 87 22KAIC VOLTS 230 41 230 23 230 23 230 23	CONNECTION LOAD (VA) A B (167 4167 760 2760	CIRCUIT AT A 40 5 60 30 5 30 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt:S X 8.0 X 8.0 X 8.0 X 3.5 X 3.5 X 3.5 X 3.5	CK7. ND 3 4 5 6 7	LUAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET ACCU, JUTLET ACCU, JUTLET ACCU, JUTLET SPARE SPARE SPARE SPACE SPACE	TUTAL CONNECTION LOAD (VA) 452 T 800 500 4167 1000 1000 -	VOLTS 230 230 230 230 230 230 230 230 230 230	LEAD (V/ A 8 490 900 500 4167 1000 1000 	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANEL HAIN C FEEDER CKT. NO 1 2 3 4 5 6	SPARE TOTAL PANEL /PP* B.125AT, 225AT, 3P, Y Y 30 UDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18	425 25997 230V, 60HZ, CDNNECTION LDAD (V4) 4167 2760 2760 2760 2760 2760	230 8 22KAIC 22KAIC 230 41 230 23 230 23 230 23	CONNECTION LDAD (VA) A B (167 4167 2760 2760 2760 2760 27	5 83 60 10 CIRCUIT 2 AT A 40 5 60 30 5 30 5 60 30 5 60 30 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2	x 14 FEEDER VIRCS X 80 X 95 X 35 X 35 X 35 X 35	CK7. ND 3 4 5 6 7	LUAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET ACCU, JUTLET ACCU, JUTLET ACCU, JUTLET SPARE SPARE SPARE SPACE SPACE	TUTAL CONNECTION LOAD (VA) 452 T 800 500 4167 1000 1000 -	VOLTS 230 230 230 230 230 230 230 230 230 230	LEAD (V/ A 8 490 900 500 4167 1000 1000 	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANEL, HAIN C FEEDER CKT. NO 1 2 3 4 5 6 7	SPARE TOTAL PANEL /PP! # 125AT, 225AF, 3P, Y Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18	425 25997 230V, 60HZ, TOTAL CONNECTION LDAD (VA) 4167 2760 2760 2760 2760 2760 4167	230 8 22KAIC VOL TS 230 41 230 230 230 230 230 23 230 41 230 41 230 41	CONNECTION LOAD (VA) A B (167 760 27 167 27 167 27	CIRCUIT CIRCUIT AT A 40 5 60 30 5 30 5 30 5 40 5 30 5 40 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt.S X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 80	CKT, ND. 1 2 3 4 5 6 7 8 PANEL	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPO DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPACE SPACE TOTAL	TUTAL CONNECTION LOAD CVA3 452 1 800 500 4167 1000 1000 1000 - - 7919	230 230 230 230 230 230 230 230 230 230	LEAD (V/ A 8 490 900 500 4167 1000 1000 	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANEL MAIN C FEEDER CKT. ND 1 2 3 4 5 6 7 7 8	SPARE TOTAL PANEL 'PP' BI25AT, 225AT, 3P, BI25AT, 225AT, 3P, Y 30 LOAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18	425 25997 230V, 60H2, TDTAL CDINECTION LIABI (VA) 4167 2760 2760 2760 2760 2760 2760 4167 3910	230 9 22KAIC VOLTS 230 230 230 230 230 230 230 230 230 41 230 41 230	CONNECTION LDAD (VA) A B (167 4167 760 27 760 27 167 27 167 3910	CIRCUIT AT A 40 5 60 30 9 30 9 60 30 5 40 30 5 30 5 40 30 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRUS X 80 X 80 X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND. 1 2 3 4 5 6 7 8 PANEL	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPO DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPACE SPACE TOTAL	TUTAL CONNECTION LOAD CVA3 452 1 800 500 4167 1000 1000 1000 - - 7919	230 230 230 230 230 230 230 230 230 230	LEAD (V/ A 8 490 900 500 4167 1000 1000 	CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANELI MAIN C FEEDER CKT. NO 1 2 3 4 5 6 7 7 8 9	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125547, 22547, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18	425 25997 230V, 60HZ, CDNNECTION LDAD (V4) 4167 2760 2760 2760 2760 2760 2760 3910 3910	230 9 22KAIC 22KAIC 230 41 230 2 230 2 230 41 230 41 230 41 230 41 230 41 230 41 230 41 230 41	CONNECTION LDAD (VA) A B (167 760 27 760 27 760 27 167 3910 39	5 83 60 10 CIRCUIT AT A 40 5 40 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt.S X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 80	CKT, ND. 1 2 3 4 5 6 7 8 PANEL	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPAD DUTLET ACCU, JOTR, 10 SPARE SPARE SPARE SPACE SPACE TOTAL	TUTAL CONNECTION LDAD (*10) 452 800 500 4167 1000 1000 - - 7919	230 230 230 230 230 230 230 230 230 230	LDAD (V/ A 8 490 300 500 4167 1000 1000 - 7957	 CIRC AT 20 <li< td=""><td>AF 50 50 50 50 50 50 50 -</td><td>POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td><td>VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0</td><td></td></li<>	AF 50 50 50 50 50 50 50 -	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANELI MAIN C FEEDER CKT. NO 1 2 3 4 5 6 6 7 7 8 9 9 10	SPARE TOTAL PANEL 'PP' BI25AT, 225AF, 3P, BI25AT, 225AF, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACU 20TR, 18 ACU 20TR, 18 ACU 20TR, 18	425 25997 230V, 60H2, TDTAL CDINECTION LIABI (Va) 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC 27KAIC 230 2 230 2 230 2 230 2 230 4 230 4 230 4 230 4 230 4 230 4 230 4 230 4 230 4 230 4	CONNECTION LDD3 (VA) A B (167 2760 E760 E760 E760 E760 E760 3910 39167	CIRCUIT CIRCUIT CIRCUIT CAO 40 5 60 30 5 30 5 30 5 30 5 30 5 30 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRUS X 80 X 80 X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND. 1 2 3 4 5 6 7 8 PANEL	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPD DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' b 40AT,100AF,2P,230V, X 8.0	TUTAL CONNECTION LDAD (VA) 452 600 4167 1000 1000 	VOLTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A 8 490 300 500 4167 1000 1000 1000 - - - 7957 CONNECTIN	20 CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2	AF 50 50 50 50 50 50 - - 100	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0	
PANEL: HAIN C FEEDER CKT. NO 1 2 3 4 5 6 7 8 9 10 11	SPARE TOTAL PANEL 'PP' PANEL 'PP' IL25AT, 225AF, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 SPARE SPARE SPARE	425 25997 230V, 60HZ, CDNHECTION LDAD (V4) 4167 2760 2760 2760 2760 2760 2760 4167 3910 4167 4167 4167	230 8 22KAIC VOL 15 230 41 230 23 230 23 230 23 230 41 230 41 230 41 230 41 230 41 230 41	CONNECTION LOAD (VA) A B (167 4167 2760 27760 27760 27760 27760 27760 39 167 4157	5 83 60 10 CURCUIT CURCUIT AT A 40 5 40 5 30 5 30 5 30 5 30 5 30 5 10 30 5 10 30 5 40 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRUS X 80 X 80 X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NQ 1 2 3 4 5 5 6 6 7 7 8 9 ANE LI 8 9 ANE LI 7 7 8	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPD DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' b 40AT,100AF,2P,230V, X 8.0	TUTAL CONNECTION 452 800 400 1000 1000 2919 7919 60HZ, 10KAI0 CONNECTION	VOLTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 900 500 4167 1000 1000 - - 7957 CONNECTIB LDAD (V/	D) CIRC C AT 20 20 20	AF 50 50 50 50 50 50 50 50 50 50 50 50 50		VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0	
PANELI MAIN C FEEDER CKT. NO 1 2 3 4 5 6 6 7 7 8 9 9 10	SPARE TOTAL PANEL 'PP' BI25AT, 225AF, 3P, BI25AT, 225AF, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACU 20TR, 18 ACU 20TR, 18 ACU 20TR, 18	425 25997 230V, 60HZ, 7 TDTAL CONNECTION LDAD (VA) 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC 22KAIC 230 41 230 230 230 230 230 41 230 4	CONNECTION LOAD (VA) A B (167 4167 2760 27760 27760 27760 27760 27760 39167 39167 4157	CIRCUIT CAT A 40 5 50 30 5 50 30 5 50 30 5 30 5 30 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRUS X 80 X 80 X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND 1 2 3 4 4 5 5 6 7 8 8 8 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 7 7 7 8 8 7	LDAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLET SPOD DUTLET ACCLI, 30TR, 10 SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' B: 40AT,100AF, 2P,230V, X 8.0 LDAD DESCRIPTION	TUTAL CONNECTION LOAD (VA) 452 800 500 4167 1000 1000 - - 7919 60HZ, 10KAII CONNECTION CONNECTION	230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 900 900 100 1000 1	D) CIRC C AT 20 20 20	AF 50 50 50 50 50 50 50 50 - 100	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES	
PANEL: HAIN C FEEDER CKT. NO 1 2 3 4 5 6 6 7 7 6 9 9 10 11	SPARE TOTAL PANEL 'PP' B: 125AT, 225AF, 3P, y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 10 SPARE SPARE	425 25997 230V, 60HZ, 7 TDTAL CONNECTION LDAD (VA) 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC 22KAIC 230 41 230 230 230 230 230 41 230 4	CDALECTION LDA3 (VA) A B (167 2 260 27 67 2 167 3 2760 27 67 3 2910 3 3916 3 167 3 9	CIRCUIT CAT A 40 5 50 30 5 50 30 5 50 30 5 30 5 30 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt.S X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NG 1 2 3 4 5 5 6 6 7 7 8 9 4 5 5 6 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 7 8 9 7 7 7 8 9 7 7 7 8 9 7 7 7 7	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLET SPAD DUTLET ACCLU, JOIR, 10 SPARE SPARE SPACE SPACE SPACE SPACE TUTAL PANEL "LPS4" B: 40AT,100AF,2P,230V, TX 8.0 LOAD DESCRIPTION LIGHTING DUTLET	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 1000 1000 - - 7919 60HZ, 10KAI CONNECTION LOAD (VA) 452	VOLTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A 8 490 900 500 500 1000 1	A) CIRC C AT 20 20 20 20 40 20 - - 40 - - - 40 - 20 - - - - - - - 40 - 20 - -	AF 50 50 50 50 50 50 - 100	EAKER POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES <u>x 3.5</u> <u>x 3.5</u> <u>x 3.5</u> <u>x 3.5</u> <u>x 8.0</u> <u>x 8.0</u> <u>x 8.0</u> <u>FEELER</u> <u>VIRES</u> <u>x 3.5</u> <u>x 8.0</u>	
PANEL, MAIN C FEEDER CKT. ND 1 2 3 4 5 6 6 7 7 8 9 9 10	SPARE TOTAL PANEL 'PP' B: 125AT, 225AF, 3P, y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 10 SPARE SPARE	425 25997 230V, 60HZ, 7 TDTAL CONNECTION LDAD (VA) 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC 22KAIC 230 41 230 230 230 230 230 41 230 4	CDALECTION LDA3 (VA) A B (167 2 260 27 67 2 167 3 2760 27 67 3 2910 3 3916 3 167 3 9	CIRCUIT CAT A 40 5 50 30 5 50 30 5 50 30 5 30 5 30 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt.S X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND 1 2 3 4 4 5 5 6 7 8 8 7 8 8 7 8 8 7 7 8 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 8 7 7 8 8 8 7 7 8 8 8 7 7 8 8 8 8 7 8 9 8 8 8 9 8 9	LDAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET SPO DUTLET ACCU, 30TR, 10 SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' B. 40AT,100AF,2P,230V, X 8,0 LDAD DESCRIPTION LIGHTING OUTLET CONVENIENCE OUTLET	TUTAL CONNECTION LOAD (VA) 452 800 500 500 1000 1000 - 7919 60H2, 10KAI CONNECTION CONNE	VULTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 300 500 4167 1000 1000 1000 7957 CONHECTIL LDAD (V/ A B 490 300	A) CIRC C AT 20 20 20 20 40 20 20 20 40 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 50 50	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL, MAIN C FEEDER CKT. ND 1 2 3 4 5 6 6 7 7 8 9 9 10	SPARE TOTAL PANEL 'PP' B: 125AT, 225AF, 3P, y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 10 SPARE SPARE	425 25997 230V, 60HZ, 7 TDTAL CONNECTION LDAD (VA) 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC 22KAIC 230 41 230 230 230 230 230 41 230 4	CDALECTION LDA3 (VA) A B (167 2 260 27 67 2 167 3 2760 27 67 3 2910 3 3916 3 167 3 9	CIRCUIT CAT A 40 5 50 30 5 50 30 5 50 30 5 30 5 30 5 30	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRt.S X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NG 1 2 3 4 5 5 6 6 7 7 8 9 4 5 5 6 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 7 8 9 7 7 7 8 9 7 7 7 8 9 7 7 7 7	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPADE SPARE SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE OUTLET	TUTAL CONNECTION LOAD (VA) 452 600 500 1000 1000 - - 7919 60HZ, 10KAI0 CONNECTION LOAD (VA) 452 1 600 500 500	VOLTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 4167 1000 1000 - 7957 7957 7957 7957 4 B 490 300 500	N) CIRC C AT 20 20 40 20 20 40 20 - 40 20 20 - 40 20 20 - 40 20 C AT C AT 20 -	AF 50 50 50 50 50 50 50 50 50 50	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 Y 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL, MAIN C FEEDLR CKT. NO 1 2 3 4 4 5 5 6 6 7 7 7 8 8 9 9 10 11 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 18:25AT, 225AT, 3P, Y Y 30 ULDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 19 ACCU 20TR, 19 SPARE SPARE SPARE TOTAL	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 87 230 27 230 27 230 27 230 27 230 27 230 27 230 41 230 41	CONNECTION LOAD (VA) A B (167 167 760 2760 2760 2760 2760 2760 2760 276	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND 1 2 3 4 4 5 5 6 7 8 8 7 8 8 7 8 8 7 7 8 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 8 7 7 8 8 8 7 7 8 8 8 7 7 8 8 8 8 7 8 9 8 8 8 9 8 9	LDAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET SPO DUTLET ACCU, 30TR, 10 SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' B. 40AT,100AF,2P,230V, X 8,0 LDAD DESCRIPTION LIGHTING OUTLET CONVENIENCE OUTLET	TUTAL CONNECTION LOAD (VA) 452 800 500 500 1000 1000 - 7919 60H2, 10KAI CONNECTION CONNE	VULTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 300 500 4167 1000 1000 1000 7957 CONHECTIL LDAD (V/ A B 490 300	A) CIRC C AT 20 20 20 20 40 20 20 20 40 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 50 50	POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL, MAIN C FEEDER CKT. NO 1 2 3 4 4 5 5 6 6 7 7 7 8 8 9 9 10 11 12	SPARE TOTAL PANEL 'PP' B: 125AT, 225AF, 3P, y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 10 SPARE SPARE	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 87 230 27 230 27 230 27 230 27 230 27 230 27 230 41 230 41	CONNECTION LOAD (VA) A B (167 167 760 2760 2760 2760 2760 2760 2760 276	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NI 1 2 3 4 4 5 5 6 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 8 7 7 8 8 8 8 7 8	LDAD DESCRIPTION LIGHTING OUTLET CONVENTENCE DUTLET SPO DUTLET ACCU, 30TR, 10 SPARE SPACE SPACE SPACE SPACE TUTAL PANEL 'LPS4' B: 40AT,100AF,2P,230V, b: X 8.0 LDAD DESCRIPTION LIGHTING OUTLET CONVENTENCE OUTLET SPO DUTLET ACCU, 30TR, 10	TUTAL CONNECTION LGAD (VA) 452 800 500 500 1000 1000 1000 	VOLTS 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 4167 1000 1000 	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 C AT 20 20 20 20 20 20 40 20	AF 50 50 50 50 50 50 - 100 50 50 50 50 50 50 50 50 50	PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 Y 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL, MAIN C FEDER CKT. NO 1 2 3 4 5 5 6 6 7 7 8 9 9 10 11 12 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125547, 22547, 3P, P 12557, 22547, 3P, P 12567, 22547, 3P, P 1000 DESCRIPTION Accu 2017, 18 Accu 2017, 18 Accu 2017, 10 Accu 2017, 19 Accu 2017, 10 Accu 2017, 10 Accu 2017	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 30 41	CONNECTION LOAD (VA) A B (167 167 760 2760 2760 2760 2760 2760 2760 276	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NG 1 2 3 4 4 5 6 6 7 8 8 9 8 9 7 8 9 8 9 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 7 8 8 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7	LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLE SPO DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' b 40AT,100AF,2P,230V, b X 8.0 LDAD DESCRIPTION LIGHTING OUTLET CONVENIECE OUTLET SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 800 500 500 1000 7919 60H2, 10KAI0 CONNECTION LOAD (VA) 452 800 500 500 1000	230 230 230 230 230 230 230 230 230 230	LDAD (V/) A B 490 500 500 1000 1000 1000 1000 1000 1000 1000 4167 1000 499 490 300 490 100 100 1000	A) C IRC C A1 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 100 0 50 50 50 50 50 50 50 50 5	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 Y 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL: MAIN C FEEDER CKT. NO 1 2 3 4 5 5 6 6 7 7 8 9 10 11 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125547, 22547, 3P, P 12557, 22547, 3P, P 12567, 22547, 3P, P 1000 DESCRIPTION Accu 2017, 18 Accu 2017, 18 Accu 2017, 10 Accu 2017, 19 Accu 2017, 10 Accu 2017, 10 Accu 2017	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 30 41	CONNECTION LOAD (VA) A B (167 167 167 167 167 167 167 167 167 167	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, ND 1 2 3 4 5 6 7 7 8 PANELI FEEDS CKT, ND 1 2 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6	LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET SPAD DUTLET ACCLI, JJOTR, 10 SPARE SPARE SPACE SPACE SPACE TOTAL PANEL "LPS4" B: 40AT,100AF,2P,230V, TX 8.0 LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE OUTLET ACCLI, JJOTR, 10 SPARE SPACE SPACE SPACE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	230 230 230 230 230 230 230 230 230 230	LDAD (V/) A B 490 500 500 4167 1000 1000 	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EARER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5	
PANEL; HAIN C FEEDER CKT. ND 1 2 3 4 5 6 7 7 8 9 9 10 11 11 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125547, 22547, 3P, P 12557, 22547, 3P, P 12567, 22547, 3P, P 1000 DESCRIPTION Accu 2017, 18 Accu 2017, 18 Accu 2017, 10 Accu 2017, 19 Accu 2017, 10 Accu 2017, 10 Accu 2017	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 30 41	CONNECTION LOAD (VA) A B (167 167 167 167 167 167 167 167 167 167	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NG 1 2 3 4 4 5 6 6 7 8 8 9 8 9 7 8 9 8 9 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 7 8 8 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7	LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLE SPO DUTLET ACCU, 3.0TR, 10 SPARE SPARE SPACE SPACE TOTAL PANEL 'LPS4' b 40AT,100AF,2P,230V, b X 8.0 LDAD DESCRIPTION LIGHTING OUTLET CONVENIECE OUTLET SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 	230 230 230 230 230 230 230 230 230 230	LDAD (V/) A B 490 500 4167 1000 1000 7957 CDNHECTIL LDAD (V/) A B 490 500 4167 1000 1000 7957 1000	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 100 0 50 50 50 50 50 50 50 50 5	EARER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 Y 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5	
PANEL; HAIN C FEEDER CKT. NO 1 2 3 4 5 6 6 6 7 7 8 9 10 11 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125547, 22547, 3P, P 12557, 22547, 3P, P 12567, 22547, 3P, P 1000 DESCRIPTION Accu 2017, 18 Accu 2017, 18 Accu 2017, 10 Accu 2017, 19 Accu 2017, 10 Accu 2017, 10 Accu 2017	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 30 41	CONNECTION LOAD (VA) A B (167 167 167 167 167 167 167 167 167 167	5 83 60 10 CIRCUIT 40 5 60 30 5 30 5 30 9 50 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRCS X 80 X 35 X 35 X 35 X 35 X 35 X 35 X 35 X 35	CKT, NG 1 2 3 4 4 5 6 6 7 8 8 9 8 9 7 8 9 8 9 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 7 8 8 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7	LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE DUTLET SPAD DUTLET ACCLI, JJOTR, 10 SPARE SPARE SPACE SPACE SPACE TOTAL PANEL "LPS4" B: 40AT,100AF,2P,230V, TX 8.0 LOAD DESCRIPTION LIGHTING OUTLET CONVENIENCE OUTLET ACCLI, JJOTR, 10 SPARE SPACE SPACE SPACE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EARER POLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5	\$H3
PANELJ MAIN C EE DLR CKT, ND 1 2 3 4 4 5 6 6 7 7 8 9 10 11 11 12 12	SPARE TOTAL PANEL /PP1 PANEL /P21 B 125AT, 225AF, 3P, Y 30 LUAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 19 SPARE SPARE OAD SCHEEL IOT	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 30 41	223 5591 76 CONNECTION LDA3 (VA) A B (167 27 760 27 760 27 167 391 167 391 167 391 167 391 167 39 167 4157 39 29 29 29 29 29 167 157 39 167 157 39 29 29 20 100 100 100 100 100	5 60 11 CIRCUIT AT A 40 5 50 30 5 30 5 50 30 5 40 9 50 30 5 60 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDDR VIRIS X 80 X 35 X 3	CKT, NG 1 2 3 4 4 5 6 6 7 8 8 9 8 9 7 8 9 8 9 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 7 8 8 7 7 7 7 8 8 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7 7 7 7 7 7 7 8 8 7	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPARE SPARE SPARE SPARE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCR:PTION LIGHTING OUTLET CONVENIENCE OUTLE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	VOLTS 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 S 3.5 X 3.5 S	
PANELJ MAIN C CKT, ND 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 2 3 4 4 5 5 6 10 11 11 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125AT, 225AF, 3P, Y LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 25TR, 18 SPARE SPARE SPARE SPARE SPARE TOTAL	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 230 2 230 41 230	223 5591 76 CONNECTION LDA3 (VA) A B (167 27 760 27 760 27 167 391 167 391 167 391 167 391 167 39 167 4157 39 29 29 29 29 29 167 157 39 167 157 39 29 29 20 100 100 100 100 100	5 83 60 1/ CIRCUIT 40 5 60 30 5 40 9 30 5 60 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 8 40 5 8 8 8 8 8 8 8 8 8 8 8 8 8	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRES X 80 X 90 X 90 X 90 X 35 X 3	CKT, NG 1 2 3 4 4 5 6 7 8 PANEL 5 6 7 8 PANEL 1 2 3 4 5 6 7 7 8 2 1 1 2 5 6 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPARE SPARE SPARE SPARE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCR:PTION LIGHTING OUTLET CONVENIENCE OUTLE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	VOLTS 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 OVITHIS	SiE
PANELJ MAIN C C FEEDLR ND 1 2 3 4 5 6 7 7 8 9 9 10 11 1 8 9 10 11 1 8 9 9 10 11 12 2 1 1 1 8 9 9 10 11 12 12 12 12 12 12 12 12 12 12 12 12	SPARE TOTAL PANEL 'PP' PANEL 'PP' 125AT, 225AF, 3P, Y LDAD DESCRIPTION ACCU 30TR, 18 ACCU 30TR, 18 ACCU 20TR, 18 ACCU 20TR, 18 ACCU 25TR, 18 SPARE SPARE SPARE SPARE SPARE TOTAL	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 230 2 230 41 230	223 5591 76 CONNECTION LDA3 (VA) A B (167 27 760 27 760 27 167 391 167 391 167 391 167 391 167 39 167 4157 39 29 29 29 29 29 167 157 39 167 157 39 29 29 20 100 100 100 100 100	5 60 11 CIRCUIT AT A 40 5 50 30 5 30 5 50 30 5 40 9 50 30 5 60 5	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRES X 80 X 90 X 90 X 90 X 35 X 3	CKT, NG 1 2 3 4 4 5 6 7 8 PANEL PANEL PANEL PANEL PANEL 1 1 2 3 4 5 6 7 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 2 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 7 7 7 8 7 7 7 8 7 7 7 7 7 8 7 7 7 7 7 7 8 7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPARE SPARE SPARE SPARE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCR:PTION LIGHTING OUTLET CONVENIENCE OUTLE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	VOLTS 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 S 3.5 X 3.5 S	
PANEL, MAIN CR MAIN CR CKT. NO 1 2 3 4 4 5 5 6 7 7 8 9 9 10 11 12 12 1 12 1 12 1 12 10 11 12 2 10 11 12 2 10 10 11 12 2 10 10 10 10 10 10 10 10 10 10 10 10 10	SPARE TOTAL PANEL /PP/ IL25AT, 225AF, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 DOBAD SCHEEL OTAL OREOBUER OTAL	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 230 2 230 41 230	223 5591 76 CONNECTION LDA3 (VA) A B (167 27 760 27 760 27 167 391 167 391 167 391 167 391 167 39 167 4157 39 29 29 29 29 29 167 157 39 167 157 39 29 29 20 100 100 100 100 100	5 83 60 1/ CIRCUIT 40 5 60 30 5 40 9 30 5 60 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 8 40 5 8 8 8 8 8 8 8 8 8 8 8 8 8	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRUS X 80 X 80 X 35 X 3	CKT, NG 1 2 3 4 4 5 6 7 8 PANEL 5 6 7 8 PANEL 1 2 3 4 5 6 7 7 8 1 2 5 6 7 7 8 1 1 1 2 5 6 6 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPARE SPARE SPARE SPARE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCR:PTION LIGHTING OUTLET CONVENIENCE OUTLE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 7919 60HZ, 10KAII CONNECTION LOAD (VA) 452 60HZ, 10KAII CONNECTION LOAD (VA) 452 60HZ, 10KAII CONNECTION LOAD (VA) 452 60HZ, 10KAII CONNECTION LOAD (VA) 452 7919 4167 1000 1000 7919	VQLTS 230 230 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	D CIRC C AT 20 20 20 <	AF 50 50 50 50 50 50 50 - - - 100 50 50 50 50 50 50 50 50 50 50 50	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 FEELER VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 X 3.5 S 3.5 X 3.5 S	
PANEL, MAIN C FEEDLR CKIT. NO 1 1 2 3 4 5 5 6 6 7 7 8 9 9 10 11 12 12	SPARE TOTAL PANEL /PP/ IL25AT, 225AF, 3P, Y 30 LDAD DESCRIPTION ACCU 30TR, 18 ACCU 20TR, 18 DOBAD SCHEEL OTAL OREOBUER OTAL	425 25997 230V, 60F2, CDNNECTION LDAD (VA) 4167 4167 2760 2760 2760 2760 2760 2760 2760 27	230 8 22KAIC VOL 15 230 41 230 41 230 2 230 2 230 2 230 41 230 2 230 41 230 41 230 2 230 41 230	223 5591 76 CONNECTION LDA3 (VA) A B (167 27 760 27 760 27 167 391 167 391 167 391 167 391 167 39 167 4157 39 29 29 29 29 29 167 157 39 167 157 39 29 29 20 100 100 100 100 100	5 83 60 1/ CIRCUIT 40 5 60 30 5 40 9 30 5 60 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 60 30 5 40 9 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 6 8 40 5 8 40 5 8 8 8 8 8 8 8 8 8 8 8 8 8	BREAKER F POLE 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X 14 FEEDER VIRES X 80 X 90 X 90 X 90 X 35 X 3	CKT, NG 1 2 3 4 4 5 6 7 8 PANEL 5 6 7 8 PANEL 1 2 3 4 5 6 7 7 8 1 2 5 6 7 7 8 1 1 1 2 5 6 6 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1	LOAD DESCRIPTION LIGHTING DUTLET CONVENIENCE DUTLE SPARE SPARE SPARE SPARE SPACE TOTAL PANEL 'LPS4' & 40AT,100AF,2P,230V, X 8.0 LOAD DESCR:PTION LIGHTING OUTLET CONVENIENCE OUTLE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	TUTAL CONNECTION LOAD (VA) 452 500 500 1000 1000 - - 7919 60HZ, 10KAIC TUTAL CONNECTION LUAD (VA) 452 800 500 500 500 500 500 500 500 500 500	VOLTS 230 230 230 230 230 230 230 230	LDAD (V/ A B 490 500 500 1000 1000 7957 CONNECTIL LDAD (V/ A B 490 500 1000 7957	N) CIRC C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 - 40 20 C AT 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	AF 50 50 50 50 50 50 50 50 100 10	EAKER PDLE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VIRES X 3.5 X 3.5 X 3.5 X 3.5 X 8.0 X 8.0 X 8.0 FEELER VIRES X 3.5 X 8.0 X 8.0	

Section VIII. Bill of Quantities

Project	COMMUNITY HUB IMPROVEMENT			Prepared / Eslimated by:				Submitted by:	Date:
ocation	UPOU Headquarters, Maahas, Los Baños, Laguna				Name w	/ Signature & Des	ignation		
	OF OO Treadquarters, Maanas, Los Danos, Laguna			Certified Correct;				Address of Bidder:	
Subject	BILL OF MATERIALS AND COST ESTIMATES							Estimated Project Cost:	0.0
	(DETAILED CONSTRUCTION ESTIMATE WORKSHEET))			Name & Sig	gnature of Genera	al Manager	No. of Days to Complete:	120 CALENDAR DA
- 1		1			DIRECT	COST			
TEM	ITEM OF WORK	UNIT	QTY.	MATE	A CONTRACT A		BOR	SUB-TOTAL	UNIT COST
NO.		1.00		PER UNIT	MAT'L COST	PER UNIT	LABOR COST	DIRECT COST	(PHP)
I. G	GENERAL REQUIREMENTS								
A.	A. Construction Aid								
	1. Temporary Office, Sheds, Storage etc.	lot	1.00	-	0.00		0.00	0.00	0.0
-	2. Temporary Power and Water Supply	lot	1.00		0.00	-		0.00	0.0
	3. Temporary Fence and Barricades	lot	1.00		0.00			0.00	0.0
	4. Health and Safety expenses, PPE, etc.	lot	1.00		0.00		-	0.00	
	5. Tools and equipment	lot	1.00		0.00	-	-	0.00	0.0
B.							1		
-	1. As built plan	lot	1.00		0.00	4	Υ.	0.00	0,0
	DISMANTLING, CHIPPING, DISPOSAL & CLEANING A. Floor Tiles 1. Library, Discussion Room, OGC & Pahinungod and Comfort	sq.m.	257.00				0.00	0.00	0.0
	Rooms	sym	207.00				0.00	0.00	0.0
B.							1		
	1. Comfort Rooms	sq.m.	79.00		-		0.00	0.00	0.0
C.	D. Drywall Partition								
	1. Stock Room (former Discussion Room)	lot	1.00		-		0.00	0.00	0.0
D.		12.11						1.2	-
	1. Pantry	lot	1.00				0.00	0.00	0,0
E,	E. Steel Louver Door								
	1. D-6 (2.15 M × 0.92 M)	lot	1.00	· · · ·	0.000		0.00	0.00	0.0
F.	F. Door and Partitions								
	1. At comfort rooms	lot	1.00	· · · · ·	-		0.00	0.00	0.0
G	3. Relocation								
	1. Circular computer counter	lot	1.00				0.00	0.00	0.0
H.	 Chipping of Existing Concrete Floor 								
	 Library, Discussion Room, OGC & Pahinungod and Comfort Rooms 	sq.m.	257.00	K	1		0,00	0.00	0.0
1.	Chipping of Existing Concrete Floor							1	
	1. Comfort Rooms	sq.m.	79.00				0.00	0.00	0.0
III. IN	NSTALLATION WORKS					-			

			There are	Land I		DIRECT			1	
TEM		ITEM OF WORK	UNIT	QTY.	and the second second second	RIALS		BOR	SUB-TOTAL	UNIT COST
NO.		OR Block and Flored Olivery Devillery with Analysis (Merdian			PER UNIT	MAT'L .COST	PER UNIT	LABOR COST	DIRECT COST	(PHP)
1		Sliding and Fixed Glass Partition with Awning Window		1.00		0.00		0.00	0.00	
-		1. SP-1a (2.783M x 2.58 M)	set	1.00		0.00		0.00	0.00	0.0
-		2. SP-1b (4.14 M x 2.58 M)	set	1.00		0.00		0.00	0.00	0.
-		3. SP-1c (5.41 M x 2.58 M)	set	1.00		0.00		0.00	0.00	0.
1		Sliding Door with Fixed Glass and Awning Window			-	2.02				
-		1. SD (5.51 M x 2.93 M)	set	1.00		0.00		0.00	0.00	0,
0		Swing Glass Doors with Fixed Glass	2.14	1.00		0.00		0.00	0.00	
-		1. D-1 (5.26 M x 2.70 M)	set	1.00		0.00		0.00	0.00	0.
-		2. D-2 (1.13 M x 2.52 M)	set	1.00		0.00		0.00	0.00	0.
		Wooden Door		0.00	-	0.00		0.00	0.00	
-		1. D-3 (0.90 M x 2.15 M)	sets	2.00		0.00		0.00	0.00	0.
		Ceiling Works at Discussion Room and Lounge Area, etc.								
		 1. 12.5 mm thk. ECHOSTOP Perforated gypsum board including metal furring framing and hangers 	sq.m.	34.00		0.00		0.00	0.00	0.
		 22 mm × 168 mm Interior wood plastic composite ceiling panel (Khaki color) including metal furring framing and hangers 	sq.m.	11.00		0.00		0.00	0.00	0
		 10 mm thk. Gypsum board including G.I. light metal framing and hangers 	.sq.m.	75.00		0.00		0.00	0.00	0
	1	 600mm x 600 mm Acoustic board including G.I. light metal framing and hangers and white T-runners 	sq.m.	14.00		0.00		0.00	0.00	0.
	7	5. 4.5 mm thk. Ficemboard including G.I. light metal framing and hangers	sq.m.	5.60		0.00		0.00	0.00	0.
-		6. 26 mm × 26 mm × 2M WPC Indoor Comice Trim	pcs	33.00		0.00		0.00	0.00	0
F		Drywall Partition	pus	00.00		0.00		0.00	0.00	0
		 6 mm thk. Ficemboard including 32 mm × 76 mm × 0.8 mm metal studdings at multi-purpose room 	sq.m.	46.00		0.00	-	0.00	0.00	O
		2. 6 mm thk. Ficemboard Drop Wall finishing	sq.m.	12.00		0.00		0.00	0.00	0
		3. 1" × 6" S4S KD Tanguile Baseboard	bd.ft.	25.00		0.00		0.00	0.00	0.
0		Wall Cladding	1							
		1. 20 mm × 185 mm × 2900 mm Fluted WPC Wall Cladding	pcs	22.00	_	0.00		0.00	0.00	0
V. 5	2.4.5.4	UCTURAL WORKS								
A		Column	1 - 1							
		1. 4" × 4" × 20' Steel Wide Flange	pcs.	2.00		0.00		0.00	0.00	0
E		Truss Drop Wall Framing								
		1. 38 mm × 38 mm × 6M Angle Bar	pcs.	18.00		0.00		0.00	0.00	0
		2. 25 mm × 25 mm × 6M Angle Bar	pcs.	17_00		0,00		0.00	0.00	0
C		Miscellaneous	1				-			
		1. 10 mm thk. × 200 mm × 200 mm Base Plate	pcs.	3.00		0,00		0.00	0.00	0
-		2. 16mm Ø × 130 mm A325 Bolts	pcs.	6.00		0.00		0.00	0.00	0
	1	3. 10 mm Ø Dyna Bolt	pcs.	68.00		0.00		0.00	0.00	0

1000			10000		DIRECT					
TEM	ITEM OF WORK	UNIT	QTY.		RIALS		BOR	SUB-TOTAL	UNIT COST	
NO.				PER UNIT	MAT'L .COST	PER UNIT	LABOR COST	DIRECT COST	(PHP)	
_		lot	1.00		0.00		0.00	0.00	0.00	
_		pcs.	48.00		0.00		0.00	0.00	0,00	
_		lot	1.00		0.00		0,00	0.00	0.00	
		pcs.	4.00		0.00		0.00	0.00	0.00	
-	8. Ga. # 16 G.I. Tie wire	kgs	1.00		0.00		0.00	0.00	0.00	
V.	REPLACEMENT WORKS									
- 5	A. Floor Tiles				1		2-1-2			
	1. 600 mm × 600 mm Polished Granite (Ivory Color) s	sq m.	229.00		0.00		0.00	0.00	0.00	
	2. 300 mm × 600 mm Vitrified Porcelain (Linen Beige) s	sq.m.	12.00		0.00		0.00	0.00	0.00	
	3. 300 mm × 600 mm Vitrified Porcelain (Aurora Blanco) s	sq.m.	16.00		0.00		0.00	0.00	0.0	
	B. Wall Tiles						1			
	1. 300 mm × 600 mm Polished Porcelain (Lund Brown) s	sq.m.	38.00		0.00		0.00	0.00	0.0	
	2. 300 mm × 600 mm Polished Porcelain (Lund Light Grey) s	sq.m.	55.00		0.00		0.00	0.00	0.0	
	3 300 mm × 300 mm Glazed Ceramic tiles inside cabinets s	sq.m.	2.30		0.00		0.00	0.00		
	C. Roofing of Main Entrance Canopy									
	1. 6 mm thk. Twin Wall Polycarbonate Roofing including accessories (edging, flashing etc.) s	sq.m.	6.00		0.00		0.00	0.00	0.0	
	D. Toilet Fixtures and accessories									
	 Water Closet, one piece toilet (branded or approved equal) with complete accessories including slow closing Seat Cover and stainless steel hygiene Douche Spray 	sets	7.00		0.00		0.00	0.00	0.00	
	Lavatory, semi counter Wash Basin (branded or approved equal)	sets	4.00		0.00		0.00	0.00	0.00	
	 Lavatory, wall-hung type basin with semi pedestal, (branded or approved equal) with complete accessories, fittings and drains 	sets	3.00		0.00		0.00	0.00	0.00	
	 Urinal, branded or approved equal with concealed urinal sensor flush (battery power) including connecting solid brass chrome finish pipe and accessories to top inlet 	sets	4.00		0.00		0.00	0.00	0,00	
	 Lavatory Faucet, automatic battery power sensor & deck- mounted solid brass with chrome finish, Branded or approved equal 	sets	7.00		0.00		0.00	0.00	0.00	
	 Stainless steel satin Floor Drain with insect and odor trap, 100 mm × 100 mm. 	sets	5.00		0.00		0.00	0.00	0.00	
	7. Hand Dryer, compact type wall mounted and automatic	sets	4.00		0.00		0.00	0.00	0.00	
I	8. Soap Dispenser, AISI 304, stainless steel satin finish or brushed	sets	5.00		0.00		0.00	0.00	0.0	
	 Toilet Paper Dispenser, wall mounted stainless steel satin finish with 2 standard roll capacity 	sets	7.00		0.00		0.00	0.00	0.0	

		TEN OF WORK	inim	oru		DIRECT	a sub- a		-	1017 0007
TEM NO.		ITEM OF WORK	UNIT	QTY.	PER UNIT	RIALS MAT'L COST	PER UNIT	LABOR COST	SUB-TOTAL DIRECT COST	UNIT COST (PHP)
	10	 38 mm Ø stainless steel Pipe Rail/Grab Bar complete with standard parts and accessories 	in.m.	2.10	PER GIAN	0.00	PEROMI	0.00	0.00	0,0
	1'	1. 6 mm thk. Frameless Mirror including accessories (see schedule)	sq.m.	3.68		0.00		0.00	0.00	0.1
	12	2. 18 mm thk. Solid black granite counter top and apron	sq.m.	2.52		0.00		0.00	0.00	0.0
		 12 mm thk. Phenolic Compact Board cubicles, doors and stiles complete with stainless steel accessories including footings, hinges, brackets, door locks, coat/bag hooks etc. 	lot	1.00		0.00		0,00	0.00	0,0
	14	 12 mm thk. Phenolic Compact Board urinal partition with 3 sets U- wall brackets each 	sets	2.00		0.00	_	0.00	0.00	0.0
	1	5. Stainless steel satin finish top rail	lot	1.00		0.00		0.00	0.00	0.0
	16	6. 6 mm thk. Acrylic signages and accessories (see details)	sets	5.00		0.00		0.00	0.00	0.
		abinets at Pantry	1.000							
	1.	 Hanging Cabinet (powder coated aluminum framing and aluminum composite panel doors and accessories) 	set	1.00		0.00		0.00	0.00	0.
	2.	. Counter Cabinet (powder coated aluminum framing and aluminum composite panel doors on existing concrete slab)	set	1.00		0.00		0.00	0.00	0.
	3.	 18 mm thk. Polished non-stain solid granite slab counter top and splash board 	set	1.00		0.00		0.00	0.00	0
	4.	 Single washboard stainless steel Kitchen Sink complete with accessories and Gooseneck chrome plated brass Faucet 	set	1.00		0.00		0.00	0.00	0.
		loors							-	
		. D-4 (1.00 M × 2.15 M)	set	1.00		0.00		0.00	0.00	0.
		D-5 (0.90 M × 2.15 M)	sets	4.00		0.00		0.00	0.00	0.
	3.	D-6 (2.15 M × 0.92 M)	set	1.00		0.00		0.00	0.00	0
VI.	REST	ORATION AND REPAIR WORKS								
	A. R A	testoration of damaged concrete flooring and stairs at the Front Walk rea and Main Entrance including replacement of damaged tile at obby Entrance	lot	1.00		0.00		0,00	0.00	0,
	B. R	tepair of Damaged Doors								
1		. Metal doors (including repair of panic hardware)	sets	10.00		0.00		0.00	0.00	0,
	2.	. Wooden doors (laminated and hollow core)	sets	11.00		0.00		0.00	0.00	0.
/11.	REPA	INTING / PAINTING WORKS	-		_		_			
		Repainting	1	-						
	1.	1 0	sq.m.	243.00		0.00		0.00	0.00	0.
	2.		sq.m.	113.00		0.00		0.00	0.00	0.
		Existing Ceiling Board at Entrance	sq.m.	21.36		0.00		0.00	0.00	0.
	4.		sq.m.	1,237.00		0.00		0.00	0.00	0.
	5.		sq.m.	411.00		0.00		0.00	0.00	0

	2.7.5536.55				DIRECT	10.00 million -			
TEM		UNIT	QTY.	760 000	RIALS		BOR	SUB-TOTAL	UNIT COST
NÖ.			144.44	PER UNIT	MAT'L .COST	PER UNIT	LABOR COST	DIRECT COST	(PHP)
_		sq.m.	460.00		0.00		0.00	0.00	0.0
		sets	10.00		0.00		0.00	0.00	0.0
_	· · · · · · · · · · · · · · · · · · ·	sets	11.00		0.00		0.00	0.00	0.0
_	9. All existing Steel Grills	lot	1.00		0.00		0.00	0.00	0.0
-	B. New Painting	-		_					
		sq.m.	6.00		0.00		0.00	0.00	0.0
	1 A set of a set o	sq.m.	75.00		0.00		0.00	0.00	0.0
		sq.m.	60.00		0.00		0.00	0.00	0.0
	4. New Interior Concrete Walls and other surfaces	sq.m.	20.00		0.00		0.00	0.00	0.0
	5. New Door Panels	lot	1.00		0.00		0.00	0.00	0.0
	6. Rubberized Paint on restored concrete flooring and stairs at the front walk including porch area	sq.m.	179.00		0.00		0.00	0,00	0.0
111.	ELECTRICAL WORKS			-					
	A. Roughing-in	-					-		
	1. 25 mm Ø PVC × 3M conduit (including fittings, locknut & I bushing)	length	15.00		0.00		0.00	0.00	0.
	2. 20 mm Ø PVC x 3M conduit (including fittings, locknut & bushing)	length	97.00		0.00		0.00	0.00	0.
-	3. Consumables, PVC solvent etc.	lot	1.00		0.00		0.00	0.00	0.0
	B. Outlet and boxes								
	1. Utility box 2" × 4" PVC	pc.	55.00		0.00		0.00	0.00	0.0
	2. Junction box 4" × 4" PVC w/ cover	pc.	10.00		0.00		0.00	0.00	0.
	C. Wires and cables	1							
	1. 8.0 mm ² THHN (blue)	roll	1.00		0.00		0.00	0.00	0.
-	2. 5.5 mm² THHN (black)	roll	4.00		0.00	-	0.00	0.00	0.0
	3. 3.5 mm ² THHN (green)	roll	3.00		0.00		0.00	0.00	0.0
	 Consumables (terminal lugs, electrical tapes, cable ties, pipe clamps, bushing, drill bit,anchor bolts, screws & tex screws, coupling and fittings 	lot	1.00		0.00		0.00	0.00	0.0
	D. Wiring Devices					-			
		sets	2.00		0.00		0.00	0.00	0.0
		set	1.00		0.00		0.00	0.00	0.0
	3. Universal Duplex weatherproof Convenience Outlet w/ ground	sets	14.00		0.00		0.00	0.00	0.
	4. Pop-up floor convenience outlet w/ ground and shutter	set	10.00		0.00		0.00	0.00	0.0
-	E. Lighting Fixtures				0.00		5.00	5.00	
-		sets	18.00		0.00		0.00	0.00	0.
-		sets	12.00		0.00		0.00	0.00	0.
	F. Circuit Breaker (Bolt-on)	seis	12.00		0.00		0,00	0.00	0.

- 1	ATT 100 100		1. T. T. M.		DIRECT	COST			and the second sec
TEM	ITEM OF WORK	UNIT	QTY.	MAT	ERIALS	LA	BOR	SUB-TOTAL	UNIT COST
NO.				PER UNIT	MAT'L COST	PER UNIT	LABOR COST	DIRECT COST	(PHP)
	1. 40 A	set	1.00		0.00		0.00	0.00	0.00
	2. 30 A	sets	4.00		0.00		0.00	0.00	0.00
	3, 20 A	set	1,00		0.00		0.00	0.00	0.00
	G. Enclosed Circuit Breaker								
	1. 40 A, NEMA 3R enclosure	set	1.00		0.00		0.00	0.00	0.00
	2. 30 A, NEMA 3R enclosure	sets	4.00		0.00		0.00	0.00	0.00
	H. Megger Testing	lot	1.00	4			0.00	0.00	0.00
IX.	MECHANICAL WORKS						-		
	A. Air Conditioning Unit								
1	1. 1.5 HP wall mounted ACU	sets	4.00		0.00		0.00	0.00	0.00
	3.0 HP wall mounted ACU	set	1.00		0.00		0.00	0.00	0.00
	B. Testing and Commissioning	lot	1.00	×.	. <u>1</u>		0.00	0.00	0.00
	INITIAL GRAND TOTAL				0.00		0.00	0.00	

SUMMARY OF BREAKDOWN OF TOTAL LUMPSUM BID PRICE Project : COMMUNITY HUB IMPROVEMENT

A.	ESTIMATED DIRE	CT COST				
	A.1.	Materials and Equipment Cost (exclusive of VAT)	P	0.00		
	A.2.	Labor Cost and Equipment Rental (exclusive of VAT)	P	0.00		
E		SUB - TOTAL (EDC)	P		0.00	
	A.3.	Mobilization and Demobilization (1% of EDC)	P		0.00	
0		TOTAL A	P			0.00
B.	INDIRECT COST					
	B.1.	Mark-up				
	1700	B.1.1. Overhead expenses, unforeseen contingencies				
		miscellaneous expenses [(A) * OCM%]	P			
	14	B.1.2. Contractor's profit [(A) * P%]	P		1 A A	
		SUB-TOTAL (B.1.)	P		0.00	1
	B.2.	Taxes				1
		B.2.1. 12% VAT of [(A) + (B.1)]	P	0.00		1
		B.2.2. Municipal Tax	- 10			
		(per Municipal Tax of Los Baños)	P			
	1	SUB-TOTAL (B.2.)	P		0.00	-
		TOTAL B	P			0.00

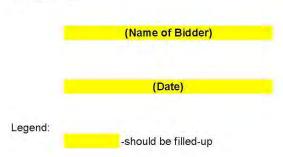
TOTAL APPROVED BUDGET FOR CONSTRUCTION

(Amount in words)

Ρ

0.00

Submitted by:



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) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- (b) 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 (UPOU BAC Form No. 1); **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules. The SLCC should be at least 50% of the ABC. (UPOU BAC Form No. 2);

"The prospective bidder must have completed an SLCC that is similar to the contract to be bid, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty (50%) of the ABC to be bid: *Provided however*, That contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB."**and**

- (d) Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid; and
- (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

<u>or</u>

Original copy of Notarized Bid Securing Declaration (UPOU BAC Form No. 3); and

- (f) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. Key personnel Letter Certificate to UPOU to be assigned to the contract to be bid, with their complete qualification (Bio-Data) and experience data (COE):

Key Personnel	General Experience
1. Resident Architect/Civil Engineer	Min. 5 yrs
2. Project Registered Electrical Engineer	Min. 5 yrs
3. Project Registered Mechanical Engineer	Min. 5 yrs
4. Registered Master Plumber	Min. 5 yrs
5. Safety Officer/Engineer	Min. 5 yrs w/ BOSH and
	COSH Certificates
6. General Foreman	Min. 5 yrs
7. Electrician	Min. 5 yrs w/ NC2

- **Notes:** Personnel with multiple expertise and qualifications with at most three different positions mentioned above are allowed as long as he/she can provide the necessary documentation in support of his/her qualifications such as appropriate licenses, certificate of training, accreditation, and the like should be submitted separately for each position.
 - 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**

A. Equipment	No. of Units
1. Welding Machine (max. 400amp)	Min. 1 unit
2. Grinder	Min. 2 units
3. Jackhammer	Min. 1 unit
4. Compressor	Min. 2 units
5. Insulation Resistance Tester	Min. 1 unit
6. Refrigerant Pressure Gauge	Min. 1 unit
B. Others	No. of Units
1. PPE (Personal Protective Equipment)	Min. 15 pcs per item
(hard hat, safety vest, safety shoes,	except safety harness (5
safety harness, safety gloves)	pcs only)

(g) Original duly signed Omnibus Sworn Statement (OSS) (UPOU BAC Form No. 4);

and if applicable, Original Notarized Secretary's Certificate (UPOU BAC Form No. 5) in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney (UPOU BAC Form No. 6) 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

(h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (UPOU BAC Form No. 7).

Class "B" Documents

 (i) 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 (UPOU BAC Form No. 8).

<u>or</u>

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

(j) Original of duly signed and accomplished Bid Form (UPOU BAC Form No. 9); and

Other documentary requirements under RA No. 9184

- (k) Duly signed Detailed Construction Estimates Worksheet (DCEW); and
- (1) Duly signed Summary of Breakdown of Total Lump Sum Bid Prices; and
- (m) Cash Flow by Quarter and Payments Schedule.

Notes:

The prescribed documents in the checklist are mandatory to be submitted in the Bid.

STATEMENT OF ALL ONGOING GOVERNMENT & PRIVATE CONTRACTS INCLUDING CONTRACTS **AWARDED BUT NOT YET STARTED** :___

Business Name Business Address

Business Address	Dete of	Duration of	a. Owner's Name		Contractor's Role		a. Total Contract Value at Award	% of Accompli nt	shme	Value of Outstanding Works
Name of Contract	Date of Contract	Duration of Contract	b. Addressc. Telephone Nos.	Nature of Work	Description	%	b. Total Contract Value at Completionc. Date of Completion	Planned	Act ual	
Government										
Private										
									Tota	l Cost

Note: This statement shall be supported with:

.

- 1. Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory.
- 2. Notice of Award and/or Notice to Proceed

Submitted by

(Printed Name & Signature)

Designation Date

UPOU BAC Form No. 2

STATEMENT OF BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC) SIMILAR TO THE CONTRACT TO BE BID

Business Name

Business Address :

	Data of	Duration of	a. Owner's Name		Contractor's Re	ole	a. Total Contract Value at Award	% of Accomplishment		Value of Outstanding Works
Name of Contract	Date of Contract	Contract	b. Address	Nature of Work	Description	%	b. Total Contract Value at Completion	Planned	Actual	
			c. Telephone Nos.				c. Date of Completion			
Government										
Private										
									Total Co	st

Note: This statement shall be supported with:

1. Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory.

2. Notice of Award and/or Notice to Proceed

Submitted by

(Printed Name & Signature)

Designation Date

:______

:

55

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

BID SECURING DECLARATION Project Identification: *IB No. 24-02-001*

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]

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]

SECRETARY'S CERTIFICATE

I, ______, a duly elected and qualified Corporate Secretary of ______, a corporation duly organized and existing under and by virtue of the law of the ______, DO HEREBY CERTIFY, 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 is, authorized to participate in the bidding for "Community Hub Improvement", Project Identification IB No. 24-02-001 by the <u>UP Open</u> <u>University</u> and that if awarded the project shall enter into a contract with the <u>UP Open University</u>; and in connection therewith hereby appoint ______, acting as duly authorized and designated representatives of _______, are granted full power 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 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 hereof;

RESOLVED FURTHER THAT, the ______ hereby authorizes its President to: (1) execute a waiver of jurisdiction whereby the ______ hereby submits itself to the jurisdiction of the Philippine government and hereby waives its right to question the jurisdiction of the Philippine courts;

(2) execute a waiver that the _________ shall not seek and obtain writ of injunctions or prohibition or restraining order against the AFP or any other agency in connection with this project 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

(Corporate Secretary)

ACKNOWLEDGMENT

SUBSCRIBED AND SWORN to before me this _____ day of ______, 20___ affiant exhibited to me his/her Government Issued ID No. ______ issued on ______ at , Philippines.

Until 31 December 20
PTR No
Issued at:
Issued on:
TIN No

Doc. No.		
Page No.		
Book No.		
Series of _	·	

SPECIAL POWER OF ATTORNEY

I,	, President of, a he laws of, by virtue of Board Resolution No.				
corporation incorporated under th	with its registered				
office at	of Board Resolution No.				
dated	and appointed				
true and lawful attorney, for it and	, by virtue , has made, constituted a 1 its name, place and stead, to do, execu	te and perform any and all			
acts necessary and/or represent	iı	n the bidding of			
· · · _	in in as fully and effectively as co	orporation might do if			
personally present with full powe	r of substitution and revocation and here	eby confirming all that said			
	r cause to be done by virtue hereof.	5 6			
1 5	5				
IN WITNESS WHEREO	F, I have hereunto set may hand this	day of			
, 20a		5			
		Affiant			
Signed in the Presence of:					
5					
	ACKNOWLEDGMENT				
REPUBLIC OF THE PHILIPPIN	FS)				
QUEZON CITY)SS.				
QUEZON CHT	<i>)</i> 55.				
DEEODE ME a Notary	Public for and in Quezon City, Philip	nning this day of			
		ppines, this day of			
, 20, pe	rsonally appeared:				
	Covernment Leaved ID NO	ISSUED AT/ON			
NAME	Government Issued ID NO.	ISSUED AT/ON			

known to me and known to be the same person who executed the foregoing instrument consisting of ______() pages, including the page whereon the acknowledgments is written and acknowledged before me that the same is his free and voluntary act and deed and that of the Corporation he represents.

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

Notary Public
Until 31 December 20
PTR No
Issued at:
Issued on:
TIN No

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

NET FINANCIAL CONTRACTING CAPACITY

The computation of a prospective bidder's Net Financial Contracting Capacity (NFCC) must be at least equal to the ABC to be bid (PhP6,373,000.00), calculated as follows:

ABC: PhP6,373,000.00	Year 20
Current Assets	
Minus: Current Liabilities	
Sub Total	
Multiplied by value of K	
Sub Total	
Minus: Value of outstanding services under ongoing contracts including awarded contracts yet to be started coinciding with the contract to be bid	
NFCC	

NFCC = [(current asset minus current liabilities) (15)] minus value of all outstanding or uncompleted portions of the projects under ongoing contracts including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = PhP

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative Date : _____

NOTE:

^{1.} If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT	VENTURE AGREEMENT is en	ntered into by and between, of
legal age,	owner/proj	prietor of
5	(civil status)	
and a resident of	·	
	- and -	
	, of legal age,	, owner/proprietor of
	a resident of	(civil status)

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 UP Open University.

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 represent 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 Project until terminated by both parties.

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

ACKNOWLEDGMENT

 SUBSCRIBED AND SWORN to before me this _____ day of _____, 20___ affiant exhibited

 to me his/her Government Issued ID No. ______ issued on ______ at

 _______, Philippines.

Notary Public
Until 31 December 20
PTR No.
Issued at:
Issued on:
TIN No.

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

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 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 the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines12 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 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].

1. 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:

CONSTRUCTOR'S ORGANIZATIONAL CHART FOR THE CONTRACT

Submit Copy of the Organizational Chart that the Constructor intends to use to execute the Contract if awarded to it. Indicate in the chart the names of the **All Key Personnel for the Project.**

Attach the required Proposed Organizational Chart for the Contract as stated above

Note: This organization chart should represent the "Constructor's Organization" required for the Project, and not the organizational chart of the entire firm.

CONTRACTOR'S LETTER-CERTIFICATE TO PROCURING ENTITY

[Date of Issuance]

Dr. PRIMO G. GARCIA Chair, Bids and Awards Committee (BAC) UP Open University UPOU Headquarters, Los Baños, Laguna

Dear Sir:

Supplementing our Organizational Chart for the Contract, we have the honor to submit herewith, and to certify as true and correct, the following pertinent information:

- 1.
 That I/we have engaged the services of _____(Name of Employee/Key Personnel)_____, to be the _____(Designation) of the _____(Name of Contract) ______, who is a _______, who is a _______ motion of the Professional License Certificate No. _______ issued on ______ and who has performed the duties in the construction of the Contracts enumerated in the duly filled Form ______.
- 2. The said Engineer/Employee/Key Personnel shall be designated by us as our <u>(Designation)</u> to personally perform the duties of the said position in the above-mentioned Project, if and when the same is awarded in our favor.
- 3. That said Engineer/Employee/Key Personnel shall employ the best care, skill and ability in performing his duties in accordance with the Contract Agreement, Conditions of Contract, Plans, Specifications, Special Provisions, and other provisions embodied in the proposed contract.
- 4. That said Engineer/Employee/Key Personnel shall be personally present at the jobsite to supervise the phase of the construction work pertaining to this assignment as <u>(Designation)</u>, all the time.
- 5. That, in order to guarantee that said Engineer/Employee/Key Personnel shall perform his duties properly and be personally present in the Job Site, he is hereby required to secure a certificate of appearance for the Procuring Entity Engineer/Authorized Representative at the end of every month.

That, in the event that I/we elect or choose to replace said <u>(Designation)</u> with another Engineer/Employee/Key Personnel, the Procuring Entity will be accordingly notified by us in writing at least twenty one (21) days before making the replacement. We will submit to the Procuring Entity, for prior approval, the name of the proposed new <u>(Designation)</u>, his qualifications, experience, and list of projects undertaken and other relevant information.

6. That any willful violation on my/our part of the herein conditions may prejudice my/our standing as a reliable contractor in future bidding of the Procuring Entity.

Very truly yours,

(Name and Signature of Authorized Representative of Bidder)

CONCURRED IN:

(Name and Signature of Employee/Key Personnel)

(Address)

QUALIFICATION OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT

Bidder's Name: ______Bidder's Address: ______

		Resident Architect/Civil Engineer	Project Registered Electrical Engineer	Project Registered Mechanical Engineer	Registered Master Plumber	Safety Officer/Engineer	General Foreman	Electrician
Name								
Address								
Date of Birth								
Employed Since								
Experience								
(a) Total Experience	Required							
(Years)	Actual							
(b) Experience in Similar Project	Required							
(Years)	Actual							
Previous Employment	t							
Education								
PRC Registration & I Accreditation/ Certifi (as required)								

Note: This form is applicable to all required List of Key Personnel for the Contract to Bid

Submitted by: _____

(Printed Name & Signature)

Designation:

Date: _____

BIO-DATA OF KEY PERSONNEL

Give the detailed information of the following person field staff for the project. Fill out a form for each person 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	m(months)(year)
t	to (months) (year)
8. Years of Experience:	
9. If Item 7 is less than ten (10) years, give name an ten (10)-year period (attached additional sheet/s)	
Name and Address of Employer	Length of Service
	year(s) from to year(s) from to year(s) from to
10. Experience:	
This should cover the past ten (10) years of exp show involvement of personnel in projects usin	erience. (Attached as many pages as necessary to g 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 o interest connected with the project):	f the project components and any other particular
5. Contract Amount Expressed in Philippine Cu	irrency:
6. Position:	
68	

7. Structures for which the employee was responsible: _____

8. Assignment Period: from _____ (months) _____ (years) : to _____ (months) _____ (years)

Name and Signature of Employee/Key Personnel

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)

(Bidder's Authorized Representative)

KEY PERSONNEL'S CERTIFICATE OF EMPLOYMENT

[Date of Issuance]

Dr. PRIMO G. GARCIA Chair, Bids and Awards Committee (BAC) UP Open University UPOU Headquarters, Los Baños, Laguna

Dear Sir:

I am <u>(Name of Nominee)</u> a licensed <u>(profession)</u> with Professional License No. issued on <u>(date of issuance)</u> at <u>(place of issuance)</u>.

I hereby certify that <u>(Name of Bidder)</u> has engaged my services as <u>(Designation)</u> for <u>(Name of the Contract)</u>, if awarded to it.

As <u>(Designation)</u>, I supervised the following completed projects similar to the Contract under bidding):

NAME OF PROJECT	OWNER	COST	DATE COMPLETED
			<u> </u>
			<u> </u>

At present, I am supervising the following projects:

NAME OF PROJECT	OWNER	COST	DATE COMPLETED

In case of my separation for any reason whatsoever from the above-mentioned Contractor, I shall notify the <u>(Name of the Procuring Entity)</u> at least twenty one (21) days before the effective date of my separation.

As <u>(Designation)</u>, I know I will have to stay in the job site all the time to supervise and manage the Contract works to the best of my ability, and aware that I am authorized to handle only one (1) contract at a time.

I do not allow the use of my name for the purpose of enabling the above-mentioned Contractor to qualify for the Contract without any firm commitment on my part to assume the

post of <u>(Designation)</u> therefor, if the contract is awarded to him since I understand that to do so will be a sufficient ground for my disqualification as <u>(Designation)</u> in any future <u>(Name of the Procuring Entity)</u> bidding or employment with any Contractor doing business with the <u>(Name of the Procuring Entity)</u>.

(Signature)

DRY SEAL

Republic of the Philippines) ______) S.S.

 SUBSCRIBED AND SWORN TO before me this ______ day of ______ 20___ affiant

 exhibiting to me his Government Issued ID No. ______ issued on ______ at

Notary Public Until December 31, 20

Doc. No. ____; Page No. ____; Book No. ____; Series of ____;

_____•

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:

A. Equipment	Minimum	Available
	Quantity	Quantity
1. Welding Machine (max. 400amp)	1 unit	
2. Grinder	2 units	
3. Jackhammer	1 unit	
4. Compressor	2 units	
5. Insulation Resistance Tester	1 unit	
6. Refrigerant Pressure Gauge	1 unit	
B. Others		
1. PPE (Personal Protective	15 pcs per item	
Equipment) (hard hat, safety vest,	except safety	
safety shoes, safety harness, safety	harness (5 pcs only)	
gloves)		

Note: This statement shall be supported with Proof of ownership such as Certified copy of the Official Receipt of each item listed or an Affidavit of ownership.

Certified Correct:

Signature Over Printed Name of the Authorized Representative

LIST OF CONTRACTORS EQUIPMENT, OWNED OR LEASED AND/OR UNDER **PURCHASE AGREEMENTS**

Bidder's Name:

Bidder's Address:

Description	Model/Year	Capacity/ Performance/Size	Plate No.	Motor No./ Body No.	Location	Condition	Proof of Ownership/ Lessor or Vendor
A. Owned	I	1				I	I
i.							
ii.							
iii.							
iv.							
V.							
B. Leased							
i.							
ii.							
iii.							
iv.							
V.							
C. Under Purchase	e Agreements						
i.							
ii.							
iii.							
iv.							

List of minimum equipment required for the Project:

Submitted by : ______ (Printed Name & Signature)

Designation :

Date :_____

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

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

SUBMITTED BY:

Name of Bidder

(Printed Name and Signature of Authorized Managing Officer)

Date

Date

AFFIDAVIT OF SITE INSPECTION

This is to certify that this Company, through its authorized representative, ______, has conducted the inspection of the site for the project "______" located at UP Open University Headquarters, Los Baños, Laguna, on this _____ day of _____ 20__, in connection with our desire to participate in the bidding for the above project.

(Printed Name & Signature of Bidder)

Republic of the Philippines)) S.S.

SUBSCRIBED AND SW	ORN to before me this day	y of,
20, with affiant exhibiti	ing me his Government Issued ID I	No
issued on	, 20, at	·

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

Sealing and Marking of Bids:

Submission of hard copies to the BAC Secretariat Address:

One Original Copy for the Technical Components and Financial Components

PROCEDURE:

1. The Technical Components (TC) of the Bid should be enclosed in envelope and must be labelled, sealed and signed as follows:

COMMUNITY HUB IMPROVEMENT – TECHNICAL COMPONENT

[NAME AND ADDRESS OF THE BIDDERS] BIDS AND AWARDS COMMITTEE SECRETARIAT UP OPEN UNIVERSITY UPOU HEADQUARTERS, LOS BAÑOS, LAGUNA REFERENCE NO. IB No. 24-02-001 "DO NOT OPEN BEFORE 14 March 2024, 1:30 PM"

2. The Financial Components (FC) of the Bid should be enclosed in another envelope and must be sealed and signed;

COMMUNITY HUB IMPROVEMENT – FINANCIAL COMPONENT

[NAME AND ADDRESS OF THE BIDDERS] BIDS AND AWARDS COMMITTEE SECRETARIAT UP OPEN UNIVERSITY UPOU HEADQUARTERS, LOS BAÑOS, LAGUNA REFERENCE NO. IB No. 24-02-001 "DO NOT OPEN BEFORE 14 March 2024, 1:30 PM"

3. The TC and FC envelopes should be enclosed in one mother envelope and must be labelled, sealed and signed as follows:

COMMUNITY HUB IMPROVEMENT

[NAME AND ADDRESS OF THE BIDDERS] BIDS AND AWARDS COMMITTEE SECRETARIAT UP OPEN UNIVERSITY UPOU HEADQUARTERS, LOS BAÑOS, LAGUNA REFERENCE NO. IB No. 24-02-001 "DO NOT OPEN BEFORE 14 March 2024, 1:30 PM"

