## PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

## **Procurement of**

Completion of the UP-Manila Library and Learning Commons (Electrical Power System, Dry and Wet Standpipe and Elevator), University of the Philippines Manila

(*November 2023*)

Government of the Republic of the Philippines

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### **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**

Gl	ossar	y of Terms, Abbreviations, and Acronyms	5
Sec	ction	I. Invitation to Bid	8
Sec	ction	II. Instructions to Bidders	11
	1.	Scope of Bid	
	2.	Funding Information	12
	3.	Bidding Requirements	12
	4.	Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	12
	5.	Eligible Bidders	13
	6.	Origin of Associated Goods	13
	7.	Subcontracts	13
	8.	Pre-Bid Conference	13
	9.	Clarification and Amendment of Bidding Documents	13
	10.	Documents Comprising the Bid: Eligibility and Technical Components	14
	11.	Documents Comprising the Bid: Financial Component	14
	12.	Alternative Bids	15
	13.	Bid Prices	15
	14.	Bid and Payment Currencies	15
	15.	Bid Security	15
	16.	Sealing and Marking of Bids	15
	17.	Deadline for Submission of Bids	16
	18.	Opening and Preliminary Examination of Bids	16
	19.	Detailed Evaluation and Comparison of Bids	16
	20.	Post Qualification	16
	21.	Signing of the Contract	17
Sec	ction	III. Bid Data Sheet	18
Sec	ction	IV. General Conditions of Contract	20
	1.	Scope of Contract	
	2.	Sectional Completion of Works	21
	3.	Possession of Site	21
	4.	The Contractor's Obligations	21
	5.	Performance Security	
	6.	Site Investigation Reports	22

7.	Warranty	22
8.	Liability of the Contractor	22
9.	Termination for Other Causes	22
10.	Dayworks	23
11.	Program of Work	23
12.	Instructions, Inspections and Audits	23
13.	Advance Payment	23
14.	Progress Payments	23
15.	Operating and Maintenance Manuals	23
Section	V. Special Conditions of Contract	25
Section	VI. Specifications	26
Section	<ul> <li>10. Dayworks</li> <li>11. Program of Work</li> <li>12. Instructions, Inspections and Audits</li> <li>13. Advance Payment</li> <li>14. Progress Payments</li> </ul>	28
Section	VIII. Bill of Quantities	29
Section	IX. Checklist of Technical and Financial Documents	31

## 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.

 $\boldsymbol{SEC}-\boldsymbol{Securities}$  and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.

## Section I. Invitation to Bid



### UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center
BIDS AND AWARDS COMMITTEE 2 (BAC 2)

### INVITATION TO BID

# Completion of the UP-Manila Library and Learning Commons, (Electrical Power System, Dry and Wet Standpipe and Elevator), University of the Philippines Manila

- 1. The University of the Philippines Manila (UPM), through the FY 2022 GAA-FLR, intends to apply the sum of Forty-Eight Million Five Hundred Forty-Three Thousand Six Hundred Eighty-Nine Pesos and Thirty-Two Centavos (Php48,543,689.32) being the Approved Budget for the Contract to payments under the contract for the Completion of the UP-Manila Library and Learning Commons, (Electrical Power System, Dry and Wet Standpipe and Elevator), University of the Philippines Manila. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *University of the Philippines Manila* now invites bids for the above Procurement Project. Completion of works required is within *One Hundred Fifty (150) calendar days* reckoned from the date of acceptance of Notice to Proceed. Bidders should have completed, within the last five years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- 4. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least seventy percent (70%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- 5. Prospective Bidders may obtain further information from UP Manila Procurement Office, BAC 2 Secretariat and inspect the Bidding Documents at the address given below during office days, 8:00 to 4:00 p.m.
- 6. A complete set of Bidding Documents may be acquired by interested Bidders starting 21 November 2023 from the given address and website(s) below The Procuring Entity shall allow the bidder to present its proof of payment for the bidding documents fees amounting to *Fifty Thousand Pesos (Php50,000.00)* in person, by facsimile or electronic means (email).
- 7. The UP-Manila Bids and Awards Committee in coordination with the Campus Planning Development and Maintenance Office (CPDMO) shall conduct a site inspection of the project area on *28 November 2023*, 10:00 a.m. and shall be followed by a Pre-Bid Conference at 1:30 p.m. through Zoom which shall be open to prospective bidders.

The BAC conduct meetings via Zoom until such time that the implementation of community quarantines or similar government restrictions are lifted by the proper government authorities.

*Note:* The prospective bidders are advised to register first @ Zoom Meeting Registration Link and wait for further advice for the Zoom link which shall be provided to the prospective bidders who successfully registered.

The prospective bidders are admitted first at the Zoom waiting room, and BAC will provide access once the prebid conference starts.

- 8. Bids must be duly received through manual submission, on or before 12 December 2023 not later than 1:00 p.m. at the Procurement Management Office, 2<sup>nd</sup> Floor Joaquin Gonzales Compound, Padre Faura St., Ermita Manila. Late bids shall not be accepted.
- 9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
- 10. Bid opening shall be on 12 December 2023, 1:30 p.m. at the given address below and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to join the zoom meeting.

*Note:* The prospective bidders are advised to register first @ Zoom Meeting Registration Link and wait for further advice for the Zoom link which shall be provided to the bidders who successfully registered.

The prospective bidders are admitted first to the Zoom waiting room, and BAC will provide access once the opening of bids starts.

- 11. The University of the Philippines Manila 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 IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 12. For further information, please refer to:

Ms. Melody Jane L. Rojo (Tel. No. 8814-1213) Mr. Jonald D. Karingal/Ms. Joy A. Rodriguez (Tel. No. 8814-1224) BAC2 Secretariat, Procurement Management Office, 2<sup>nd</sup> Floor Joaquin Gonzales Compound, Padre Faura St., Ermita Manila (upm-bac2-secretariat@up.edu.ph)

13. You may visit the following websites:

For downloading of Bidding Documents: PhilGEPS and UP Manila website

MARIA ELIZA MUIZ AGUILA, PhD

BAC 2 Chair

NOTED:

JOHANNA PATRICIA A. CAÑAL, MD, MHA, MSc Vice Chancellor for Administration and Finance

Posted at PhilGEPS, UP Manila Website, Bulletin Board at the UP-Manila Procurement Office starting 21 November 2023

## Section II. Instructions to Bidders

### 1. Scope of Bid

The University of the Philippines Manila invites Bids for the Completion of the UP-Manila Library and Learning Commons, (Electrical Power System, Dry and Wet Standpipe and Elevator), University of the Philippines Manila. under Purchase Request No. 23385

The Procurement Project (referred to herein as "Project") is for the Completion of the UP-Manila Library and Learning Commons, (Electrical Power System, Dry and Wet Standpipe and Elevator), as described in Section VI (Specifications).

### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for FY 2022 GAA-FLR, in the amount of Forty-Eight Million Five Hundred Forty-Three Thousand Six Hundred Eighty-Nine Pesos and Thirty-Two Centavos (Php48,543,689.32)
- **2.2.** The source of funding is *FY 2022 GAA-FLR*,

### 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 Procuring Entity has prescribed that no subcontracting is allowed.

### 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 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 IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

### 11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 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 until *one hundred twenty (120) calendar days*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

### 16. Sealing and Marking of Bids

Each Bidder shall submit (3) three copies of the first and second components of its bid. (1) one original and (2) two additional copies (Copy 1 and Copy 2)

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

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "passed" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

### 20. Post Qualification

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

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

## Section III. Bid Data Sheet

## **Bid Data Sheet**

ITB Clause								
5.2	same major categories	of work or as part o	Project refer to contracts which have the f the whole contract, which shall be:					
	[Supply and installation	of electrical main po	inel, conduits & wirings]					
6.1	6.1 <i>Note:</i> The Quick Fact Sheet Should be submitted on top (1 <sup>st</sup> page) of the documents contained in the 1 <sup>st</sup> envelope.							
10.3	Philippine Contractor	s Accreditation Bo	ard (PCAB) License; at least GB-1					
	(Building) Category A of and registration for the	1	ense in case of Joint Ventures; contract to be bid.					
10.4			l minimum years of experience set					
	Key Personnel	General Experien	<u>Relevant Experience</u>					
	Project Manager	At least 5 years	Engineer with at least 3 years' experience as project manager in similar projects.					
	Professional Electrical Engineer	At least 10 years	Engineer with at least 5 years' experience in similar projects as PEE					
	Registered Electrical Engineer	At least 3 years	with similar project experience as REE					
	Registered Master Electrician	At least 2 years	with similar project experience as RME					
	Safety Officer I	At least 2 years	with similar project experience as SO I					
10.5	The minimum major e	quipment requirem	ents are the following:					
	<u>Equipment</u>	Capacity	Number of Units					
	PPE							
	Power tools							
	Personal tools							
12	[Insert Value Enginee	ring clause if allow	ed.]					
L	1							

15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the
	following forms and amounts:
	a. The amount of not less than <i>Php970,873.78</i> 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 <i>Php2,427,184.47</i> if the bid security is in surety Bond.

16.	Each Bidder shall submit (3) three copies of the first and second components of its bid.: (1) one original and (2) two additional copies (Copy 1 and Copy 2)
19.2	Partial bids are not allowed.
20	Submission of Postqualification requirements within a non-extendable period of five (5) calendar days from receipt by the Bidders of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidders shall submit its lates income and business tax return filed and paid through the BIR Electronic Filling and Payment System (eFPS) and other appropriate license and permits required by law and stated in the BDS.
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as technical specification, user's manual, warranty certificate and other acceptable tools of project scheduling.

## Section IV. General Conditions of Contract

### 1. Scope of Contract

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

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

### 2. Sectional Completion of Works

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

### 3. Possession of Site

- 4.1. 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.
- 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

- 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.
- 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.
- 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.
- 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

- **151.** If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC.**
- 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

## **Special Conditions of Contract**

GCC Clause	
2	[Not Applicable.]
4.1	Site access to the location of the project will be granted as a whole.
6	The site investigation reports are: Certificate of Inspection.
7.2	N/A
10	<ul><li>a. Day works are applicable at the rate shown in the Contractor's Original Bid.</li><li>b. No day works are applicable to the contract. (Not applicable)</li></ul>
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within [insert number] 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 [ <i>insert amount</i> ].
13	The amount of the advance payment is 15% of the total contract price which shall be made upon request of the contractor upon approval of the contract and acceptance of the Notice to Proceed.
14	Materials and equipment delivered on the site but not completely put in place shall be NOT be included for payment.
15.1	The date by which operating, and maintenance manuals are required is <i>[date]</i> .  The date by which "as built" drawings are required is <i>before the issuance of the certificate of completion of the project.</i>
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 [One (1%) percent of total contract cost].

## Section VI. Specifications

## Section VII. Drawings

## Section VIII. Bill of Quantities



### UNIVERSITY OF THE PHILIPPINES MANILA

### Campus Planning, Development and Maintenance Office

Padre Faura St. Ermita, Manila 1000, Philippines Tel: (632) 525 2233 • (632) 526 8420 • (632) 814 1258 • (632) 814 1257



**PROJECT** 

: COMPLETION OF THE UP MANILA LIBRARY AND LEARNING COMMONS

(Electrical Power System, Dry and Wet Standpipe & Elevator)

LOCATION

: University of the Philippines Manila

SUBJECT : BIDFORM

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
1.00	GENERAL REQUIREMENTS				
	Mobilization and Demobilization	1.00	lot		
	Storage, signages, safety nets, barricades, etc.	1.00	lot		
	Field Office and Living Quarters	1.00	lot		
	Health and Safety ( PPE, Medkit etc.)	1.00	lot		
	TOTAL GEN REQT'S				
2.00	FIRE PROTECTION SYSTEM				
	FIRE PROTECTION DISTRIBUTION MATERIALS				
	TALL THE TECHNOLOGICAL PROPERTY OF T				
2.01	Fire Department Connection				
	65 mm Ø (3-way) x 150 mm Ø Wet Standpipe Fire Dep't. Connection	1.00	pcs		
	Sub-total Cost				
2.02	Check Valves				
	6" Ø (150 mm)	1.00	pcs		
	65 mm Ø (2-way) x 150 mm Ø Roof Manifold	1.00	pcs		
	150 mm Ø x 65 mm Ø Fire Hose Valve	28.00	pcs		
	Sub-total Cost				
2.03	B.I. Pipe Sch. 40 x 6 m Length				
	150 mm Ø	40.00	length		
	B.I. Fittings	1.00	lot		
	Pipe Hanger and Support	1.00	lot		
	Miscellaneous and Consumable Materials	1.00	lot		
	Sub-total Cost				
	TOTAL FIRE PROTECTION SYSTEM				
	TOTAL FIRE I ROTECTION STOTEM				

BID FORM 1/16

ГЕМ	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COS
3.00	PLUMBING WORKS				
	STORM DRAINAGE LINE				
	PVC Orange Pipes, Series 1000, 3 mtr./Length				
	150mm Ø	161.00	pcs		
	100mm Ø	57.00	pcs		
	75mm Ø	71.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PVC Wye				
	150mm Ø x 150mm Ø	7.00	pcs		
	150mm Ø x 100mm Ø	6.00	pcs		
	150mm Ø x 75mm Ø	9.00	pcs		
	100mm Ø x 100mm Ø	19.00	pcs		
	100mm Ø x 75mm Ø	35.00	pcs		
	75mm Ø x 75mm Ø	33.00	pcs		
	PVC Elbow X 45°				
	150mm Ø	41.00	pcs		
	100mm Ø	76.00	pcs		
	75mm Ø	234.00	pcs		
	Cleanouts				
	Ceiling Cleanout (PVC)				
	150mm Ø	12.00	pcs		
	100mm Ø	16.00	pcs		
	75mm Ø	18.00	pcs		
	Drains				
	75mmØ Deck Drain, Brass - Dome Type	44.00	pcs		
	75mmØ Gutter Drain, Brass - Dome Type	16.00	pcs		
	Catch Basin with Grating Cover 600x600	6.00	nos		
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	150mm Ø (6", 3/4" Bolt Size)	138.00	pcs		
	100mm Ø (4", 5/8" Bolt Size)	25.00	pcs		
	Bracket Supports (Angle Bars)	163.00	pcs		
	Adjustable Clevis Hanger				
	150mm Ø (6", 3/4" Bolt Size) - 2.5mtr. max. spacing	23.00	pcs		
	100mm Ø (4", 5/8" Bolt Size) - 2mtr. max. spacing	54.00	pcs		
	75mm Ø (3", 1/2" Bolt Size) - 2mtr. max. spacing	112.00	pcs		
	Threaded Rod				
	3/4" x 3m	7.00	pcs		
	5/8" x 3m	15.00	pcs		
	1/2" x 3m	30.00	pcs		

BID FORM 2/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COS
	200mmØ Concrete Saddle - 2mts max. spacing	25.00	pcs		
	Miscellaneous / Consumables				
		10.00			
	Solvent Cement 400cc	10.00	can		
	Epoxy A&B		gal/set		
	Cutting Saw Blade G.I Wire #16	10.00	pcs		
	Welding Rod	4.00	kg box		
	Gravel / Sand bedding works	1.23	m³		
	Excavation works ( Labor only )	9.80	$m^3$		
	Backfilling and Compaction works (labor only)	6.00	m³		
	Testing Works (Leak and Gravity Test)	1.00	lot		
	0.1.1.10				
	Sub-total Cost				
	CONDENSATE DRAINS				
	VERTICAL PIPE (AC DOWNSPOUT)				
	PVC Orange Pipes, Series 1000, 3 mtr. Length				
	75mm Ø	72.00	pcs		
	50mm Ø	62.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PVC Wye				
	75mm Ø x 50mm Ø	50.00	pcs		
	50mm Ø x 50mm Ø	38.00	pcs		
	RUBBER INSULATION				
	75mm Ø x 2m (L) x 19mm thk.	108.00	pcs		
	50mm Ø x 2m (L) x 19mm thk.	80.00	pcs		
	II. /P. 1.1./C. /				
	Hanger / Brackets / Supports Stainless Steel U-Bolt with Nuts and Washers				
	75mm Ø (3", 1/2" Bolt Size)	67.00	nce		
	50mm Ø (2", 3/8" Bolt Size)	54.00	pcs		
	Bracket Supports (Angle Bars)	121.00	pcs set		
	11				
	Miscellaneous / Consumables				
	Solvent Cement 400cc	5.00	can		
	Epoxy A&B	1.00	gal/set		
	Cutting Saw Blade	5.00	pcs		
	G.I Wire #16	1.00	kg		
	Welding Rod	2.00	box		
	Testing Works (Leak and Gravity Test)	1.00	lot		
	Sub-total Cost				

BID FORM 3/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	SEWER, WASTE AND VENT LINE SYSTEM				
	SOIL STACK				
	Fittings, Pipe Connectors and Accessories				
	PVC Wye				
	150mm Ø x 150mm Ø	3.00	pcs		
	150mm Ø x 100mm Ø	14.00	pcs		
	PVC Elbow X 45°				
	150mm Ø	13.00	pcs		
	100mm Ø	3.00	pcs		
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	150mm Ø (6", 3/4" Bolt Size)	18.00	pcs		
	Bracket Supports (Angle Bars)	18.00	set		
	Sub-total Cost				
	VENT STACK				
	VERTICAL VENT PIPE SYSTEM - RISER				
	PVC Pipe x 3m, Series 1000	10.00			
	100mm Ø	19.00	pcs		
	75mm Ø	19.00	pcs		
	50mm Ø	5.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PVC Tee Reducer				
	100mm Ø x 50mm Ø	12.00	pcs		
	75mm Ø x 50mm Ø	12.00	pcs		
	YOKE VENT (AT BASEMENT, 7TH FLOOR & LOWER RD)				
	PVC Wye				
	150mm Ø x 100mm Ø	3.00	pcs		
	100mm Ø x 100mm Ø	3.00	pcs		
	100mm Ø x 75mm Ø	3.00	pcs		
	75mm Ø x 75mm Ø	3.00	pcs		
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	100mm Ø (4", 5/8" Bolt Size)	19.00	pcs		
	75mm Ø (3", 1/2" Bolt Size)	19.00	pcs		
	Bracket Supports (Angle Bars)	38.00	set		
	Sub-total Cost				
	WASTE STACK				
	VERTICAL VENT PIPE SYSTEM - RISER				
	PVC Pipe x 3m, Series 1000				

BID FORM 4/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	100mm Ø	56.00	pcs		
	75mm Ø	52.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PVC Wye				
	100mm Ø x 100mm Ø	12.00	pcs		
	100mm Ø x 75mm Ø	48.00	pcs		
	Drains				
	75mmØ Canopy, Brass - Dome Type	48.00	pcs		
	71				
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	100mm Ø (4", 5/8" Bolt Size)	54.00	pcs		
	Bracket Supports (Angle Bars)	54.00	set		
	Adjustable Clevis Hanger				
	75mm Ø (3", 1/2" Bolt Size)	83.00	pcs		
	Threaded Rod		•		
	1/2" x 3m	23.00	pcs		
	Miscellaneous / Consumables				
	Solvent Cement 400cc	4.00	can		
	Epoxy A&B	1.00	gal/set		
	Cutting Saw Blade	5.00	pcs		
	G.I Wire #16	1.00	kg		
	Welding Rod	1.00	box		
	O O				
	Testing Works (Leak and Gravity Test)	1.00	lot		
	Sub-total Cost				
	WATER SUPPLY SYSTEM				
	COLD WATER RISER				
	Potable Waterline				
	PPR Pipes, PN-20, 4 mtr. Length				
	100mm Ø (4"Ø) - Riser	20.00	pcs		
	75mm $\emptyset$ (3" $\emptyset$ ) - Gravity Supply	13.00	pcs		
	50mm Ø (2"Ø) - Booster Supply	5.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PPR Tee				
	75mm Ø x 32mm Ø (3" x 1 $\frac{1}{4}$ ") - Gravity Supply	8.00	pcs		
	$50$ mm Ø x $32$ mm Ø (2" x $1 \frac{1}{4}$ ") - Booster Supply	5.00	pcs		
	PPR Elbow 90°				
	100mm Ø (4"Ø)	4.00	pcs		
	PPR Coupling				
	100mm Ø (4"Ø)	10.00	pcs		

BID FORM 5/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	75mm Ø (3"Ø)	7.00	pcs		
	50mm Ø (2"Ø)	3.00	pcs		
			-		
	Valves and Water Control				
	Gate Valves (Female - Female Threaded, Brass Type)				
	32mm Ø (1 ¼") - Gravity Supply	8.00	pcs		
	$32$ mm Ø (1 $\frac{1}{4}$ ") - Booster Supply	5.00	pcs		
	PPR Threaded Male Adaptor				
	32mm Ø (1 1/4")	26.00			
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	100mm Ø (4", 5/8" Bolt Size)	18.00	pcs		
	75mm Ø (3", ½" Bolt Size)	18.00	pcs		
	50mm Ø (2", 3/8" Bolt Size)	7.00	pcs		
	Bracket Supports (Angle Bars)	43.00	set		
	Adjustable Clevis Hanger				
	100mm Ø (4", 5/8" Bolt Size) - every 1.5m spacing	24.00	pcs		
	Threaded Rod with Grip Anchors				
	5/8" x 3m	7.00	pcs		
	Sub-total Cost				
	Non-Potable Waterline				
	PPR Pipes, PN-20, 4 mtr. Length				
	100mm Ø (4"Ø) - Gravity Supply	13.00	pcs		
	75mm Ø (3"Ø) - Riser	17.00	pcs		
	65mm Ø (2 ½"Ø) - Booster Supply	5.00	pcs		
	Fittings, Pipe Connectors and Accessories				
	PPR Tee Reducer				
	75mm Ø x 40mm Ø (3" x 1 ½") - Gravity Supply	8.00	pcs		
	65mm Ø x 40mm Ø (2 ½" x 1 ½") - Booster Supply	5.00	pcs		
	PPR Elbow 90°		-		
	75mm Ø (3"Ø)	5.00	pcs		
	PPR Coupling		-		
	100mm Ø (4"Ø)	7.00	pcs		
	75mm Ø (3"Ø)	9.00	pcs		
	65mm Ø (2 ½"Ø)	3.00	pcs		
	Valves and Water Control				
	Gate Valves (Female - Female Threaded, Brass Type)				
	40mm $\emptyset$ (1 ½") - Gravity Supply	8.00	pcs		
	$40 \text{mm } \emptyset \text{ (1 } \frac{1}{2}) \text{ Booster Supply}$	5.00	pcs		
	PPR Threaded Male Adaptor	3.00	L		
	40mm Ø (1 ½")	26.00	pcs		
	, ,		t		

BID FORM 6/16

TEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Hanger / Brackets / Supports				
	Stainless Steel U-Bolt with Nuts and Washers				
	100mm Ø (4", 5/8" Bolt Size)	18.00	pcs		
	75mm Ø (3", ½" Bolt Size)	18.00	pcs		
	65mm Ø (2 ½", ½" Bolt Size)	7.00	pcs		
	Bracket Supports (Angle Bars)	25.00	set		
	Adjustable Clevis Hanger				
	75mm Ø (3", 3/8" Bolt Size) - every 1.5m spacing	16.00	pcs		
	Threaded Rod with Grip Anchors	10.00	Pes		
	5/8" x 3m	5.00	nce		
	5/6 × 5/11	3.00	pcs		
	Sub-total Cost				
	TOTAL PLUMBING WORKS				
4.00	ELECTRICAL MODIC				
4.00	ELECTRICAL WORKS				
4.01	Facility Electrical Power Generating and Storing Equipment				
	Vacuum Circuit Breaker, 630A in NEMA 3R (Free Standing)	1.00	assy		
	34.5kV - 400/230V, 2MVA, 60HZ, Oil Immersed Pad Mounted	1.00	.,		
	Transformer, Copper Winding in NEMA 1	1.00	unit		
	400V - 230V, 40KVA, 60HZ, Step Down Transformer	1.00	unit		
	ATS, 3200AT, 3200AF, 3P, 400V, (ACB-Draw Type) in NEMA 3R (Free Standing)	1.00	assy		
	ATS, 250AT, 250AF, 3P, 400V in NEMA 3R in NEMA 1 (Surface Mounted)	1.00	assy		
	Main Switchboard, 3200AT, 3200AF, 3P, 400V (ACB-Draw Type) in NEMA 3R (Free Standing) TYPE - H1, 3P w/ Micrologic 2A Trip Unit, L.I. protection, Electrical Operated	1.00	assy		
	Capacitor Bank, Auto 600kVAR (6 steps of 100kVAR), 400V, 3phase, 60hz	1.00	assy		
	Concrete Pedestal	1.00	lot		
	Secondary Metering in NEMA 3R	1.00	assy		
	1-C 50mm² XLPE Wire	120.00	lm		
	110mm Ø PVC (XLPE)	30.00	lgts		
	Sub-total Cost		0		
4 02	Concrete Encasement Works				
1.04	Excavation	15.56	cu.m.		
	Backfill and Compaction	11.67			
			cu.m.		
	Gravel Bedding	19.45	cu.m.		
	Manhole	2.00	assy		
	Concrete Encasemen	26.29	lm		

BID FORM 7/16

ГЕМ	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COS
4.03	Switchboards and Panelboards				
	GROUND FLOOR				
	Panel: LVSG in NEMA 1 Enclosure Type (Free Standing)	1.00	assy		
	Main: 1-3200AT, 3200AF, 3P, 400V, 80KAIC, ACB-Draw Type		J		
	TYPE - H1, 3P w/ Micrologic 2A Trip Unit, L.I. protection, Electrical				
	Operated				
	Branches: 1-1200AT, 1200AF, 3P, 400V, 42KAIC, ACB-Draw Type				
	1-350AT, 400AF, 3P, 400V, 25KAIC, MCCB				
	9-300AT, 400AF, 3P, 400V, 25KAIC, MCCB				
	1-250AT, 400AF, 3P, 400V, 25KAIC, MCCB				
	1-225AT, 225AF, 3P, 400V, 22KAIC, MCCB				
	1-150AT, 225AF, 3P, 400V, 22KAIC, MCCB				
	1-100AT, 100AF, 3P, 400V, 18KAIC, MCCB				
	1-80AT, 100AF, 3P, 400V, 18KAIC, MCCB				
	2-70AT, 100AF, 3P, 400V, 18KAIC, MCCB				
	4-60AT, 100AF, 3P, 400V, 18KAIC, MCCB				
	With Digital Power Meter, Power Factor and Current Transformer for				
	the Main and branches. And other accessories to complete the system.				
	Panel: DPL in NEMA 1 Enclosure Type (Surface Mounted)	1.00	assy		
	Main: 1-250AT, 400AF, 3P, 400V, 25KAIC, MCCB				
	Branches: 14-50AT, 50AF, 3P, 400V, 10KAIC, MCCB				
	With Digital Power Meter, Power Factor and Current Transformer for the branches. And other accessories to complete the system.				
	Sub-total Cost				
4.04	Endond Charles Dandon				
4.04	Enclosed Circuit Breakers BASEMENT FLOOR				
	ECB 125AT, 225AF, 3P, 230V, NEMA 1 Enclosure (STP)	1.00	assy		
	ECB 70AT, 100AF, 3P, 230V, NEMA 1 Enclosure (TRANSFER PUMP)	2.00	assy		
	LOWER ROOFDECK				
	ECB 60AT, 100AF, 3P, 400V, NEMA 3R Enclosure (ELEV 1, 2, 3 & 4)	1.00	assy		
	Sub-total Cost				
4.05	Wires and Cables (Color Coded)				
	BASEMENT FLOOR				
	38 mm <sup>2</sup> THHN (STP)	164.00	lm(s)		
	14 mm <sup>2</sup> THHN (G) (STP)	55.00	lm(s)		
	14 mm <sup>2</sup> THHN (TRANSFER PUMP)	237.00	lm(s)		
	5.5 mm <sup>2</sup> THHN (G) (TRANSFER PUMP)	108.00	lm(s)		
	CROTIND ELOOP				
	GROUND FLOOR				

BID FORM 8/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	250 mm <sup>2</sup> THHN (600KVAR)	174.00	lm(s)		
	50 mm <sup>2</sup> THHN (G) (600KVAR)	45.00	lm(s)		
	125 mm <sup>2</sup> THHN (DPL)	42.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DPL)	11.00	lm(s)		
	100 mm <sup>2</sup> THHN (DP1)	50.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP1)	13.00	lm(s)		
	22 mm <sup>2</sup> THHN (40KVA)	50.00	lm(s)		
	5.5 mm <sup>2</sup> THHN (G) (40KVA)	13.00	lm(s)		
	THIRD FLOOR				
	200 mm <sup>2</sup> THHN (DP3)	87.00	lm(s)		
	30 mm <sup>2</sup> THHN (G) (DP3)	22.00	lm(s)		
	EQUIPTH ELOOP				
	FOURTH FLOOR 150 mm <sup>2</sup> THHN (DP4)	103.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP4)	26.00	lm(s)		
	22 mm 11111 (G) (21 1)	20.00	111(0)		
	FIFTH FLOOR				
	150 mm <sup>2</sup> THHN (DP5)	120.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP5)	30.00	lm(s)		
	SIXTH FLOOR				
	150 mm <sup>2</sup> THHN (DP6)	136.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP6)	34.00	lm(s)		
	SEVENTH FLOOR				
	150 mm <sup>2</sup> THHN (DP7)	153.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP7)	39.00	lm(s)		
	FIGURE FLOOR				
	EIGHTH FLOOR	1(0.00	1 ()		
	150 mm <sup>2</sup> THHN (DP8) 22 mm <sup>2</sup> THHN (G) (DP8)	169.00 43.00	lm(s)		
	22 mm 11111 (c) (210)	10.00	mi(s)		
	NINTH FLOOR				
	150 mm <sup>2</sup> THHN (DP9)	186.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP9)	47.00	lm(s)		
	TENTH FLOOR				
	150 mm <sup>2</sup> THHN (DP10)	202.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP10)	51.00	lm(s)		
	ELEVENTH FLOOR				
	150 mm <sup>2</sup> THHN (DP11)	219.00	lm(s)		
	22 mm² THHN (G) (DP11)	55.00	lm(s)		
	TWELFTH ELOOP				
	TWELFTH FLOOR	244.00	1ma (-)		
	150 mm <sup>2</sup> THHN (DP12)	244.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (DP12)	61.00	lm(s)		

BID FORM 9/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	LOWER ROOFDECK				
	125 mm <sup>2</sup> THHN (SOLAR PANEL)	342.00	lm(s)		
	22 mm <sup>2</sup> THHN (G) (SOLAR PANEL)	86.00	lm(s)		
	50 mm <sup>2</sup> THHN (DPLR)	260.00	lm(s)		
	14 mm <sup>2</sup> THHN (G) (DPLR)	65.00	lm(s)		
	30 mm <sup>2</sup> THHN (MCC1)	281.00	lm(s)		
	8.0 mm <sup>2</sup> THHN (G) (MCC1)	71.00	lm(s)		
	14 mm <sup>2</sup> THHN (ELEV 1)	322.00	lm(s)		
	5.5 mm <sup>2</sup> THHN (G) (ELEV 1)	81.00	lm(s)		
	5.5 mm <sup>2</sup> THHN (STP FAN)	248.00	lm(s)		
	5.5 mm <sup>2</sup> THHN (G) (STP FAN)	62.00	lm(s)		
	Sub-total Cost		( )		
4.06	Conduit Pipes and Accessories				
1.00	BASEMENT FLOOR				
	40mmØ IMC conduit pipe with fittings and complete accessories (STP)	19.00	lgth(s)		
	25mmØ IMC conduit pipe with fittings and complete accessories (Transfer Pump)	36.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	GROUND FLOOR				
	800mmW x 150mmH x 2400mmL Wire Gutter NEMA 3R (LVSG)	8.00	lgth(s)		
	800mmW x 150mmH Cable Ladder w/ Cover (LVSG)	7.00	lgth(s)		
	800mmW x 150mmH Cable Ladder Vertical Elbow w/ Cover (LVSG)	2.00	pc(s)		
	800mmW x 150mmH Cable Ladder Horizontal Elbow w/ Cover (LVSG)	1.00	pc(s)		
	110mmØ PVC conduit pipe with fittings and complete accessories (ATS)	24.00	lgth(s)		
	110mmØ PVC conduit pipe with fittings and complete accessories (GENSET)	24.00	lgth(s)		
	90mmØ IMC conduit pipe with fittings and complete accessories (600KVAR)	15.00	lgth(s)		
	90mmØ IMC conduit elbow, 90 degree bend (600KVAR)	9.00	lgth(s)		
	65mmØ IMC conduit pipe with fittings and complete accessories (DP1)	4.00	lgth(s)		
	65mmØ IMC conduit elbow, 90 degree bend (DP1)	2.00	lgth(s)		
	65mmØ IMC conduit pipe with fittings and complete accessories (DPL)	4.00	lgth(s)		
	65mmØ IMC conduit elbow, 90 degree bend (DPL)	2.00	lgth(s)		
	32mmØ IMC conduit pipe with fittings and complete accessories (40KVA)	5.00	lgth(s)		
	32mmØ IMC conduit elbow, 90 degree bend (40KVA)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	THIRD FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP3)	8.00	lgth(s)		

BID FORM 10/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	80mmØ IMC conduit elbow, 90 degree bend (DP3)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	FOURTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP4)	9.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP4)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	80mmØ IMC conduit pipe with fittings and complete accessories (DP5)	10.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP5)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	Conduit Condictions and Fittings	1.00	101		
	SIXTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP6)	12.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP6)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	SEVENTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP7)	13.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP7)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	EXCLUSIVE EVOOD				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP8)	15.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP8)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	NINTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP9)	16.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP9)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	ELEVENTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP11)	19.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP11)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		
	TWELFTH FLOOR				
	80mmØ IMC conduit pipe with fittings and complete accessories (DP12)	21.00	lgth(s)		
	80mmØ IMC conduit elbow, 90 degree bend (DP12)	3.00	lgth(s)		
	Conduit Connectors and Fittings	1.00	lot		

BID FORM 11/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	LOWER ROOFDECK				
	65mmØ IMC conduit pipe with fittings and complete accessories (Solar panel)	29.00	lgth(s)		
	65mmØ IMC conduit elbow, 90 degree bend (Solar panel)	6.00	lgth(s)		
	50mmØ IMC conduit pipe with fittings and complete accessories (DPLR)	22.00	lgth(s)		
	50mmØ IMC conduit elbow, 90 degree bend (DPLR)	3.00	lgth(s)		
	32mmØ IMC conduit pipe with fittings and complete accessories (MCC1)	22.00	lgth(s)		
	32mmØ IMC conduit elbow, 90 degree bend (MCC1)	3.00	lgth(s)		
	25mmØ IMC conduit pipe with fittings and complete accessories (ELEV. 1)	27.00	lgth(s)		
	25mmØ IMC conduit elbow, 90 degree bend(ELEV. 1)	4.00	lgth(s)		
	Sub-total		-8(=)		
4 07	Lightning Protection and System Grounding				
1.07	Early Streamer Emission Lightning Arrester	1.00	set(s)		
	G.I. Mast with complete support and catladder	1.00	assy(s)		
	Lightning Event Counter	1.00	set(s)		
			(-)		
	For Powerhouse				
	Ground Rod Copper Clad Steel 20mm dia X 3000 mm long	3.00	set(s)		
	125mm <sup>2</sup> Bare Copper Wire Soft Drawn	12.00	lm(s)		
	Exothermic Weld Connector	3.00	pc(s)		
	Sub-total				
4.08	Miscellaneous Items				
	BASEMENT FLOOR				
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	GROUND FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	THIRD FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		

BID FORM 12/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	FOURTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	FIFTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	SIXTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	SEVENTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		

BID FORM 13/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	EIGHTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	NINTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	TENTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	ELEVENTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		

BID FORM 14/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	TWELFTH FLOOR				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	LOWER ROOFDECK				
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot		
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, conduit runs and wiring devices)	1.00	lot		
	Testing and commissioning (insulation, voltage, current and resistance test)	1.00	lot		
	Sub-total				
	TOTAL ELECTRICAL WORKS				
= 00	CONTRACTOR				
5.00	CONVEYING SYSTEM				
	Service Elevator M670M1000W15S-CO-14/14/14  © 1000 Kgs Capacity © 1.5 m/s Speed, Serving 14 Floor/14 Stops © Center Opening © Power Supply: 380V, 3 Phase, 60Hz	1.00	unit		
	Miscellaneous, Delivery and Lifiting of equipment	1.00	lot		
	TOTAL CONVEYING SYSTEM				

BID FORM 15/16

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
•	***SUMMARY**	*			
1.00	GENERAL REQUIREMENTS			PhP	
2.00	FIRE PROTECTION SYSTEM				
3.00	PLUMBING WORKS			_	
4.00	ELECTRICAL WORKS				
5.00	CONVEYING SYSTEM				
	SUB-TOTAL COST			PhP	
	VAT	@	12.00%		
	TOTAL PROJECT COST			PhP	
Amount in	Words:				
	s & Securities (including CARI) and power & water supply consumption isidered as miscellaneous expense which are already included in the com			•	e Plans (As-built
By the act	of submitting this bid, I/we hereby confirm that I/we:				

- a) have inspected the site
- b) determined the characteristics of the contract works and the conditions for this project
- c) examined all instructions, forms, terms and project requirements in the Bidding Documents
- d) was/were given the opportunity to submit queries at least ten(10) calendar days before the submission of bids
- e) have examined and agreed to the correctness of the Bill of Quantities

Submitted by: Name and Signature:	Company Name:
Position:	Date:

16/16 16/16

# Section IX. Checklist of Technical and Financial Documents

## **Checklist of Technical and Financial Documents**

	Class "A" Documents
Legal	<u>Documents</u>
(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); And
(b)	Registration certificate from Securities and Exchange Commission (SEC) with Articles Incorporation or Cooperative Development Authority (CDA) (whichever is applicable). Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document; <b>And</b>
(c)	Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; <b>And</b>
(e)	Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
Techn	tical Documents
(f)	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; (attach Notice of Award and/or Contract. Notice to Proceed issued by the owner and Certificate of Accomplishment signed by the owner for Ongoing Contracts, if applicable; and
(g)	Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; (attach Contract, CPES rating sheets and/or Certificate of Completion, Certificate of Acceptance, Official receipt(s) or Sales Invoice issued for the Contract) and
(h)	Statement of the prospective bidder of all its completed government and private contract for the past five (5) years
(i)	Philippine Contractors Accreditation Board (PCAB) License; at least GB-1 (Building) Category A. <u>or</u> Special PCAB License in case of Joint Ventures; <u>and</u> registration for the type and cost of the contract to be bid; <u>and</u>
(j)	Certified true copy of official receipt as proof of payment of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; or Original copy of Notarized Bid Securing Declaration; and
(k)	Project Requirements, which shall include the following:  a. Construction Schedule and S•Curve.  b. Manpower Schedule  c. Construction methods  d. Organizational chart for the contract to be bid;
	e. List of contractor's key personnel ( <i>e.g.</i> , Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
	f. 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;

Construction safety and health program h. Certificate of Site Inspection or Affidavit of Site Inspection (Original and i. Notarized); whichever is applicable. and (1) Original duly signed Omnibus Sworn Statement (OSS); and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder. Note: The authorized signatory who executed the OSS and given authority to sign in the Secretary's Certificate should indicate his/her position in the company participating in this bidding. (Attach valid government IDs used by the said authorized representative and corporate secretary in the notarization of the omnibus sworn statement, and the secretary' certificate.) Latest format of OSS should be used/submitted. Copy is attached. Notarized UP Questionnaire. (m) Financial Documents The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; (AFS for year 2021and 2022) and The prospective bidder's computation of Net Financial Contracting Capacity (o) (NFCC). Class "B" Documents If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. (p) 4566 and its IRR in case the joint venture is already in existence; <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 Original of duly signed and accomplished Financial Bid Form; and (q) Original of duly signed Bid Prices in the Bill of Quantities; and (r) (s) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used incoming up with the Bid; and (t) Cash Flow by Quarter.

## Statement 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 contact to be bid

Contract to b Business Nar Business Ad	ne:								
Name of Client	a. Owner's Name b. Address c. Telephone Nos.	a. Date Awarded b. Date Started c. Date of Completion d. Contract duration	Title of the Project in the Contract	Nature of Work	Contractor's (whether s contractor subcontractor partner in a	sole or, or, or	% c Accomplis	Total Contract Value at Award	Value of Outstandin g Works/ Contract
<u>Government:</u>					Description	%			
<u>Private:</u>									
								P	<del>P</del>
								F	<del>F</del>
	s: ent shall be support es of Award and/or								

- 2. Notices to Proceed issued by the owner3. Certificate of Accomplishments signed by the Owner for Ongoing Contracts, if applicable

Submitted by	:	
_		(Print Name and Signature)
Designation	:	
Date	:	

Name of the Procuring Entity Name of the Project Location of the Project Contract Reference Number

Statement identify	ing the bidder	's si	ngle largest complete	ed contract similar	to the contract	to	be bid	
Business Name Business Address	<u>:</u>							
Name of Co	ntract	a.	Owner's Name		Contractor's Role	9	a. Amount at Award	a. Date Awarded
		b. c.	Address Telephone Nos.	Nature of Work	Description	%	b. Amount at Completion c. Duration	b. Contract Effectivity c. Date Completed
<u>Government</u>								
<u>Private</u>								
Note: This statement 1 Contract 2 CPES rating sheet								
3 Certificate of Acce		ic or .	compicuon					
Submitted by	:		(Printed Name & Signature)					
Designation Date	:							

One of the technical documents required to be in the Eligibility Envelope of a prospective bidder is a list of all contracts which are similar in nature and complexity to the contract to be bid. This statement will show that the value of the prospective bidder's largest single completed contract, adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price indices available at the G-EPS website, and similar to the contract to be bid, must be at least fifty percent (50%) of the approved budget for the contract to be bid.



## UNIVERSITY OF THE PHILIPPINES MANILA The Health Sciences Center BIDS AND AWARDS COMMITTEE 2 (BAC 2)

Name of the Procuring Entity Name of the Project Location of the Project

Business Name

Submitted by
Designation
Date

Statement of the prospective bidder of all its completed government and private contract for the past five (5) years

Business Address :						
Name of Contract	a. Owner's Name		Contractor's	Role	a. Amount at Award	a. Date Awarded
	b. Address c. Telephone Nos.	Nature of Work	Description	%	b. Amount at Completion c. Duration	b. Contract Effectivity c. Date Completed
Government						
<u>Private</u>						
	_		•			_

(Printed Name & Signature)



### UNIVERSITY OF THE PHILIPPINES MANILA

#### Campus Planning, Development and Maintenance Office

Padre Faura St. Ermita, Manila 1000, Philippines Tel: (632) 525 2233 • (632) 526 8420 • (632) 814 1258 • (632) 814 1257



PROJECT

COMPLETION OF THE UP MANILA LIBRARY AND LEARNING COMMONS

LOCATION

(Electrical Power System, Dry and Wet Standpipe & Elevator) University of the Philippines Manila

SUBJECT

DETAILED ESTIMATE FORM

ITEM	DESCRIPTION	QTY.	UNIT	UNIT	COST	TOTAL	COST	ESTIMATED DIRECT COST	MARK-	UPS in %	TOTA	L MARK-UPS	VAT @ 12% (EDC + MARK-	TOTAL INDIRECT	TOTAL COST (EDC + TIC)	TOTAL UNIT
				Materials	Labor	Materials	Labor		OCM %	PROFIT %	%	Value	UPS)	COST	(== 0 + ===)	
																<u> </u>
1.00	GENERAL REQUIREMENTS															
																1
	Mobilization and Demobilization	1.00	lot													1
	Storage, signages, safety nets, barricades, etc.	1.00	lot													1
	Field Office and Living Quarters	1.00	lot							-		1				-
	Health and Safety ( PPE, Medkit etc.)	1.00	lot							-						
	TOTAL GEN REQT'S													Php		
	TOTAL GEN REQTS													rnp	-	
																<del> </del>
2.00	EIDE DOOTECTION CNOTEN															<del> </del>
2.00	FIRE PROTECTION SYSTEM															<b>-</b>
	FIRE PROTECTION DISTRIBUTION MATERIALS					<del> </del>						<del>                                     </del>	-			<del>                                     </del>
	FIRE PROTECTION DISTRIBUTION MATERIALS															<del> </del>
2.01	Fire Department Connection											<del> </del>				1
2.01	65 mm Ø (3-way) x 150 mm Ø Wet Standpipe Fire Dep't.															+
	Connection	1.00	pcs													
	Sub-total Cost															+
	Sub-total Cost															+
2.02	Check Valves															<del> </del>
	6" Ø (150 mm)	1.00	pcs													
	65 mm Ø (2-way) x 150 mm Ø Roof Manifold	1.00	pcs													1
	150 mm Ø x 65 mm Ø Fire Hose Valve	28.00	pcs													
	Sub-total Cost		F so											Php	-	1
2.03	B.I. Pipe Sch. 40 x 6 m Length															
	150 mm Ø	40.00	length													
	B.I. Fittings	1.00	lot													
	Pipe Hanger and Support	1.00	lot													
	Miscellaneous and Consumable Materials	1.00	lot													
	Sub-total Cost													Php	-	
	TOTAL FIRE PROTECTION SYSTEM													PhP	-	
																1
3.00	PLUMBING WORKS															
						Ì						1				1
	STORM DRAINAGE LINE															
	PVC Orange Pipes, Series 1000, 3 mtr./Length															1
	150mm Ø															
	100mm Ø															
	75mm Ø															
	Fittings, Pipe Connectors and Accessories															
	PVC Wye															

1					1	1	1			1	1	1	
	150mm Ø x 150mm Ø	7.00	pcs										
	150mm Ø x 100mm Ø	6.00	pcs										
	150mm Ø x 75mm Ø	9.00	pcs										1
	100mm Ø x 100mm Ø	19.00	pcs										
	100mm Ø x 75mm Ø	35.00	pcs										
	75mm Ø x 75mm Ø	33.00	pcs										İ
	PVC Elbow X 45°												i
	150mm Ø	41.00	pcs										i
	100mm Ø	76.00	pcs										
	75mm Ø	234.00	pcs										
			•										
	Cleanouts												
	Ceiling Cleanout (PVC)												
	150mm Ø	12.00	pcs										
	100mm Ø	16.00	pcs										
	75mm Ø	18.00											
	75Hilli 69	16.00	pcs										1
	5 .												<b> </b>
	Drains	44.00											
	75mmØ Deck Drain, Brass - Dome Type	44.00	pcs										<del>                                     </del>
	75mmØ Gutter Drain, Brass - Dome Type	16.00	pcs										<del>                                     </del>
	Catch Basin with Grating Cover 600x600	6.00	nos										
	Hanger / Brackets / Supports												1
	Stainless Steel U-Bolt with Nuts and Washers												
	150mm Ø (6", 3/4" Bolt Size)	138.00	pcs										<u>                                       </u>
	100mm Ø (4", 5/8" Bolt Size)	25.00	pcs										İ
	Bracket Supports (Angle Bars)	163.00	pcs										
	Adjustable Clevis Hanger												
	150mm Ø (6", 3/4" Bolt Size) - 2.5mtr. max. spacing	23.00	pcs										
	100mm Ø (4", 5/8" Bolt Size) - 2mtr. max. spacing	54.00	pcs										
	75mm Ø (3", 1/2" Bolt Size) - 2mtr. max. spacing	112.00	pcs										
	Threaded Rod		Fee										
	3/4" x 3m	7.00	pcs										
	5/8" x 3m	15.00	pcs										
	1/2" x 3m	30.00	pcs										
	1/2 X 3III	30.00	pcs										
	200 00 10 111 2 1	25.00											1
	200mmØ Concrete Saddle - 2mts max. spacing	25.00	pcs										1
													1
	Miscellaneous / Consumables												1
	Solvent Cement 400cc	10.00	can										<b></b>
	Epoxy A&B	1.00	gal/set										<b></b>
	Cutting Saw Blade	10.00	pcs										1
	G.I Wire #16	1.00	kg										ļ
	Welding Rod	4.00	box										<u> </u>
	Gravel / Sand bedding works	1.23	m³										
	Excavation works ( Labor only )	9.80	m³										
	Backfilling and Compaction works ( labor only )	6.00	m³										
	Testing Works (Leak and Gravity Test)	1.00	lot	-									
	- '												
	Sub-total Cost										Php	-	ſ
						İ	İ						
	CONDENSATE DRAINS					İ	İ						
	VERTICAL PIPE (AC DOWNSPOUT)												
	PVC Orange Pipes, Series 1000, 3 mtr. Length		+										
	75mm Ø	72.00	pcs										
	50mm Ø	62.00	pcs										
	JUHHI KA	62.00	pes										
	Tital Bi Co. 1 A 1												<del>                                     </del>
	Fittings, Pipe Connectors and Accessories												<u> </u>
	PVC Wye												<u> </u>
	75mm Ø x 50mm Ø	50.00	pcs										<del>                                     </del>
	50mm Ø x 50mm Ø	38.00	pcs										
													<b></b>
	RUBBER INSULATION												i

	75mm Ø x 2m (L) x 19mm thk.	108.00	pcs													
	50mm Ø x 2m (L) x 19mm thk.	80.00	pcs													
	Hanger / Brackets / Supports															
	Stainless Steel U-Bolt with Nuts and Washers															
	75mm Ø (3", 1/2" Bolt Size)	67.00	pcs													
	50mm Ø (2", 3/8" Bolt Size)	54.00	pcs													
			_						-							
	Bracket Supports (Angle Bars)	121.00	set		-							-				
	Miscellaneous / Consumables															
	Solvent Cement 400cc	5.00	can													
	Epoxy A&B	1.00	gal/set													
	Cutting Saw Blade	5.00	pcs													
	G.I Wire #16	1.00	kg													
	Welding Rod	2.00	box													
	Ü															
1	Testing Works (Leak and Gravity Test)	1.00	lot		<del> </del>				<b>†</b>	1						1
	resums from the truth of the truth of the truth	1.00	101						<b>-</b>			<b> </b>				
	CL		-		<del> </del>				<del> </del>	1	1	<del> </del>		DI.	_	+
	Sub-total Cost		-		<del>                                     </del>				<del>                                     </del>	-		<del>                                     </del>		Php	-	1
					-				-							
	SEWER, WASTE AND VENT LINE SYSTEM															
	SOIL STACK															
	Fittings, Pipe Connectors and Accessories															
	PVC Wye															
	150mm Ø x 150mm Ø	3.00	pcs													
	150mm Ø x 100mm Ø	14.00	pcs													
	PVC Elbow X 45°															
	150mm Ø	13.00	pcs													
	100mm Ø	3.00	pcs													
	Toolillit &	3.00	pcs													
					-							-				
	Hanger / Brackets / Supports															
	Stainless Steel U-Bolt with Nuts and Washers															
	150mm Ø (6", 3/4" Bolt Size)	18.00	pcs													
	Bracket Supports (Angle Bars)	18.00	set													
	Sub-total Cost													Php	-	
														_		
	VENT STACK															
	VERTICAL VENT PIPE SYSTEM - RISER				<del> </del>				<b>†</b>	1						1
	PVC Pipe x 3m, Series 1000				<del>                                     </del>				<del>                                     </del>	<del> </del>		<del>                                     </del>				1
		19.00	<del></del>		1				<b>+</b>	1		<b>+</b>				
	100mm Ø		pcs		<b>_</b>				<del>                                     </del>			<b>_</b>				1
	75mm Ø	19.00	pcs		-				-							
	50mm Ø	5.00	pcs													ļ
					ļ				1	ļ		ļ				1
	Fittings, Pipe Connectors and Accessories															
T	PVC Tee Reducer				<u> </u>						L	<u> </u>				
	100mm Ø x 50mm Ø	12.00	pcs										_			
	75mm Ø x 50mm Ø	12.00	pcs													
	**		,		1				1	İ		1				
1					<del> </del>				<b>†</b>	1						1
	YOKE VENT (AT BASEMENT, 7TH FLOOR & LOWER RD)		1		ĺ				I	1		ĺ				
	PVC Wye		-		1				<b>+</b>	1		<b>+</b>				
	rvi wve				<del>                                     </del>				1	<del>                                     </del>		<del>                                     </del>				1
				•	i	I	l	1	1	I	I	1	1			
	150mm Ø x 100mm Ø	3.00	pcs													
	150mm Ø x 100mm Ø 100mm Ø x 100mm Ø	3.00	pcs													
	150mm Ø x 100mm Ø 100mm Ø x 100mm Ø 100mm Ø x 75mm Ø	3.00 3.00	_													
	150mm Ø x 100mm Ø 100mm Ø x 100mm Ø	3.00	pcs													

	V (D 1 4 / C 4			ı	ı	1	1		1	ı		
	Hanger / Brackets / Supports											-
	Stainless Steel U-Bolt with Nuts and Washers											
	100mm Ø (4", 5/8" Bolt Size)	19.00	pcs									
	75mm Ø (3", 1/2" Bolt Size)	19.00	pcs									i
	Bracket Supports (Angle Bars)	38.00	set									l
												1
	Sub-total Cost									Php	-	
										•		
											<del> </del>	
	WASTE STACK											
-												
	VERTICAL VENT PIPE SYSTEM - RISER										<u> </u>	
	PVC Pipe x 3m, Series 1000											-
	100mm Ø	56.00	pcs									
	75mm Ø	52.00	pcs									ļ
												i
	Fittings, Pipe Connectors and Accessories											l
	PVC Wye											1
	100mm Ø x 100mm Ø	12.00	pcs									
	100mm Ø x 75mm Ø	48.00	pcs									1
	Drains										<del>                                     </del>	
		48.00	ncc								<del>                                     </del>	
	75mmØ Canopy, Brass - Dome Type	46.00	pcs									
	(n 1 : 10						-					<del>                                     </del>
	Hanger / Brackets / Supports											ļ
	Stainless Steel U-Bolt with Nuts and Washers											
	100mm Ø (4", 5/8" Bolt Size)	54.00	pcs									i
	Bracket Supports (Angle Bars)	54.00	set									i
												1
	Adjustable Clevis Hanger											1
	75mm Ø (3", 1/2" Bolt Size)	83.00	pcs									i
	Threaded Rod		Fee									
	1/2" x 3m	23.00	pcs									
	1/2 X 3III	23.00	pcs								-	
												<b>—</b>
	Miscellaneous / Consumables											-
	Solvent Cement 400cc	4.00	can									ļ
	Epoxy A&B	1.00	gal/set									
	Cutting Saw Blade	5.00	pcs									i
	G.I Wire #16	1.00	kg									i
	Welding Rod	1.00	box									1
	· ·											
	Testing Works (Leak and Gravity Test)	1.00	lot									i
	g (											
	Sub-total Cost									Php	_	
	Sub-total Cost									Tilp		
	MATER CURRY CACTEM											
	WATER SUPPLY SYSTEM										<del>                                     </del>	
	COLD WATER RISER										<del></del>	
	Potable Waterline											<b> </b>
	PPR Pipes, PN-20, 4 mtr. Length											
	100mm Ø (4"Ø) - Riser	20.00	pcs									
	75mm Ø (3"Ø) - Gravity Supply	13.00	pcs									
	50mm Ø (2"Ø) - Booster Supply	5.00	pcs									
												1
	Fittings, Pipe Connectors and Accessories											1
	PPR Tee											
	75mm Ø x 32mm Ø (3" x 1 ½") - Gravity Supply	8.00	pcs				1					
	50mm Ø x 32mm Ø (3 x 1 <sup>1</sup> / <sub>4</sub> ") - Gravity Supply  50mm Ø x 32mm Ø (2" x 1 <sup>1</sup> / <sub>4</sub> ") - Booster Supply	5.00	_								<del>                                     </del>	
		5.00	pcs								<del>                                     </del>	
	PPR Elbow 90°						-					<del>                                     </del>
	100mm Ø (4"Ø)	4.00	pcs								ļ	<b></b>
	PPR Coupling											<b> </b>
	100mm Ø (4"Ø)	10.00	pcs									
	75mm Ø (3"Ø)	7.00	pcs									
	50mm Ø (2"Ø)	3.00	pcs									1
												1

Valves and Water Control															
Gate Valves (Female - Female Threaded, Brass Type)															†
32mm Ø (1 ¼") - Gravity Supply	8.00	pcs						<del>                                     </del>	<del>                                     </del>						
32mm Ø (1 ¼") - Booster Supply	5.00	pcs	<b> </b>		<del>                                     </del>	<u> </u>	<del> </del>	+	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>		<del> </del>
PPR Threaded Male Adaptor	3.00	pcs	<del>                                     </del>			<del>                                     </del>		+	<del>                                     </del>		<del></del>			<del>                                     </del>	
	26.00		<b></b>		<b> </b>	<del> </del>	<del> </del>	+	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<b>_</b>	<b> </b>	<del> </del>
32mm Ø (1 1/4")	26.00		<b>——</b>			<u> </u>		<u> </u>	<u> </u>	<del>                                     </del>	<u> </u>			<u> </u>	<u> </u>
			<b></b>		<b> </b>	<b></b>	<b>.</b>		ļ	<u> </u>	<b></b>	<b></b>		<b></b>	ļ
Hanger / Brackets / Supports						<b></b>				<u> </u>				<b></b>	
Stainless Steel U-Bolt with Nuts and Washers			1		<u>'</u>	l								l	
100mm Ø (4", 5/8" Bolt Size)	18.00	pcs	İ	1		<u> </u>				1				<u> </u>	
75mm Ø (3", ½" Bolt Size)	18.00	pcs	i l	1	!	İ		1	1		1		l l	İ	
50mm Ø (2", 3/8" Bolt Size)	7.00	pcs	i l					1						ĺ	
Bracket Supports (Angle Bars)	43.00	set							1		1				
· · · · · · · · · · · · · · · · · · ·									1		1				
Adjustable Clevis Hanger									1						
100mm Ø (4", 5/8" Bolt Size) - every 1.5m spacing	24.00	pcs						<del>                                     </del>	<del>                                     </del>						
Threaded Rod with Grip Anchors	21.00	Pes	<b> </b>		<del>                                     </del>	<u> </u>	<del> </del>	+	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>		<del> </del>
5/8" x 3m	7.00	nee			-			-	<u> </u>	<del>                                     </del>	<del></del>		-		-
5/8 X 3M	7.00	pcs	<b> </b>		<b> </b>	<del> </del>	<del> </del>	+	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<b>_</b>	<b> </b>	<del> </del>
			<del>                                     </del>		<u> </u>	<del> </del>	<del></del>	<del>                                     </del>	<del> </del>	—	<del>                                     </del>	<del>                                     </del>	Pri Pri	<del>                                     </del>	<del> </del>
Sub-total Cost			$\vdash$		<b></b> '	<b></b>	<b></b>	<b></b> '	<b></b> '	<b>↓</b>	<b></b> '	<del> </del>	Php	-	<b>_</b>
			$\vdash$		<b></b> '	<b></b>	<b></b>	<b></b> '	<b></b> '	<b>↓</b>	<b></b> '	<del> </del>	<b> </b>	<b></b>	<b>_</b>
				<b></b>	<b></b> '	<b></b>	<b></b>	<b></b> '	<b></b> '	↓	ļ'	<u> </u>		<b></b>	ļ
Non-Potable Waterline				<u></u>		<b></b>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>		<b></b>	
PPR Pipes, PN-20, 4 mtr. Length				<u> </u>											
100mm Ø (4"Ø) - Gravity Supply	13.00	pcs				<u> </u>								<u> </u>	
75mm Ø (3"Ø) - Riser	17.00	pcs				1				1	1			1	
65mm Ø (2 ½"Ø) - Booster Supply	5.00	pcs							1		1				
, , , , , , , , , , , , , , , , , , , ,															
Fittings, Pipe Connectors and Accessories			<b>1</b>												
PPR Tee Reducer			<b> </b>		<del>                                     </del>	<u> </u>	<del> </del>	+	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>		†
75mm Ø x 40mm Ø (3" x 1 ½") - Gravity Supply	8.00		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del></del>	<del>                                     </del>			<del>                                     </del>	+
		pcs	<b>—</b>		<b></b> '	<u> </u>	<del> </del>	-	<u> </u>	<del>                                     </del>	<del>                                     </del>			<u> </u>	
65mm Ø x 40mm Ø (2 ½" x 1 ½") - Booster Supply	5.00	pcs	<b>—</b>		<b></b> '	<u> </u>	<del> </del>	-	<u> </u>	<del>                                     </del>	<del>                                     </del>			<u> </u>	
PPR Elbow 90°			<del>                                     </del>			<del>                                     </del>		<del>                                     </del>	-	<b></b>	-			<del>                                     </del>	<del> </del>
75mm Ø (3"Ø)	5.00	pcs	<b></b>		ļ	<b></b>	<b></b>	ļ		<u> </u>	<b></b> '	<b></b>		<b></b>	
PPR Coupling						<b></b>				<u> </u>				<b></b>	
100mm Ø (4"Ø)	7.00	pcs		<b></b>		<u> </u>	<u> </u>		ļ'	<u> </u>	<u> </u>			<b></b>	
75mm Ø (3"Ø)	9.00	pcs	İ			<u> </u>								<u> </u>	
65mm Ø (2 ½"Ø)	3.00	pcs	i l	1	!	İ		1	1		1		l	İ	
			i l					1						ĺ	
Valves and Water Control									1		1				
Gate Valves (Female - Female Threaded, Brass Type)									1		1				
40mm Ø (1 ½") - Gravity Supply	8.00	pcs													
40mm Ø (1 ½") - Booster Supply	5.00	pcs	<del>                                     </del>		<u> </u>		<b>†</b>	<del>                                     </del>	<b>†</b>	<del></del>	$\vdash$	<del>                                     </del>	<del>                                     </del>		†
PPR Threaded Male Adaptor	3.00	Pes	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<b>†</b>
	26.00	noo	<del>                                     </del>	<u> </u>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	+	<del>                                     </del>	<del></del>	<del>                                     </del>	+	+	<del>                                     </del>	+
40mm Ø (1 ½")	26.00	pcs	$\vdash$		<del>                                     </del>	<del></del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	├──	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del></del>	+
TY (P. 1 ) (C. )			<b>├</b>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<b> </b>	├──	<del> </del>	<del> </del>	<b></b>	<del> </del>	<del> </del>
Hanger / Brackets / Supports			<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	<del></del>	<del>                                     </del>	<del> </del>	—	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del> </del>
Stainless Steel U-Bolt with Nuts and Washers			$\vdash$		<b></b> '	<b></b>	<b></b>	<b></b> '	<b></b> '	<b>↓</b>	<b></b> '	<del> </del>	<b> </b>	<b></b>	<b>_</b>
100mm Ø (4", 5/8" Bolt Size)	18.00	pcs		j	<u> </u>	<b></b>	<u> </u>	ļ	<b> </b>		<u> </u>	<u> </u>		<b></b>	<b>_</b>
75mm Ø (3", ½" Bolt Size)	18.00	pcs	igsquare	<b></b>	<u> </u>	<b></b>	<u> </u>	ļ'	<b></b> '	<u> </u>	<u> </u>			<b></b>	<u> </u>
65mm Ø (2 ½", ½" Bolt Size)	7.00	pcs		<u></u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u> </u>	
Bracket Supports (Angle Bars)	25.00	set				<u> </u>								<u> </u>	
Adjustable Clevis Hanger															
75mm Ø (3", 3/8" Bolt Size) - every 1.5m spacing	16.00	pcs						†							
Threaded Rod with Grip Anchors								1							1
5/8" x 3m	5.00	pcs	<del></del>		<u> </u>		<b>†</b>	<del>                                     </del>	<b>†</b>	<del></del>	$\vdash$	<del>                                     </del>	<del>                                     </del>		†
ojo xom	5.00	Pro	<del>                                     </del>		<del>                                     </del>	<del></del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	$\leftarrow$	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		+
			<b></b>		<del> </del>	<del></del>	<del> </del>	<del>                                     </del>	<del> </del>	├──	<del>                                     </del>	<del> </del>	<b> </b>	<del></del>	+
			$\vdash$			<del></del>		<del> </del>	<b> </b>	<del></del>	<del>                                     </del>	<del>                                     </del>		<del></del>	<del>                                     </del>
Sub-total Cost					<b></b> '	<b></b>	<b></b>	<b></b> '	<b></b> '	<del> </del>	<b></b> '	<b></b>	Php	-	<b>↓</b>
				j	<u> </u>	<b></b>	<u> </u>	<u> </u>	<b> </b>		<u> </u>	<u> </u>		<b></b>	<b>.</b>
				<u></u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>		<b></b>	
TOTAL PLUMBING WORKS			<u> </u>					<u> </u>					Php	-	

					1	l		1					
4.00	ELECTRICAL WORKS												
4.00	ELECTRICAL WORKS							+					
								-					
4.01	Facility Electrical Power Generating and Storing Equipment												
	Vacuum Circuit Breaker, 630A in NEMA 3R (Free Standing)	1.00	assy										
	34.5kV - 400/230V, 2MVA, 60HZ, Oil Immersed Pad Mounted Transformer, Copper Winding in NEMA 1	1.00	unit										
	400V - 230V, 40KVA, 60HZ, Step Down Transformer	1.00	unit										
	ATS, 3200AT, 3200AF, 3P, 400V, (ACB-Draw Type) in NEMA 3R												
	(Free Standing)	1.00	assy										
	ATS, 250AT, 250AF, 3P, 400V in NEMA 3R in NEMA 1 (Surface Mounted)	1.00	assy										
	Main Switchboard, 3200AT, 3200AF, 3P, 400V (ACB-Draw Type) in NEMA 3R (Free Standing) TYPE - H1, 3P w/ Micrologic 2A Trip Unit, L.I. protection, Electrical Operated	1.00	assy										
	Capacitor Bank, Auto 600kVAR (6 steps of 100kVAR), 400V, 3phase, 60hz	1.00	assy										
	Concrete Pedestal	1.00	lot				<u> </u>	+					
<b>-</b>	Secondary Metering in NEMA 3R	1.00	assy				<u> </u>	+					
	1-C 50mm² XLPE Wire	120.00	lm										
	110mm Ø PVC (XLPE)	30.00	lgts					+					
	Sub-total Cost	50.00	150					+			Php	-	
	Sub-total Cost							-			7.np		-
4.02	Concrete Encasement Works							+					
1.02	Excavation Excavation	15.56	cu.m.					+					
	Backfill and Compaction	11.67	cu.m.										
	Gravel Bedding	19.45	cu.m.					+					
	Manhole Annual Manhole	2.00	assy					1					
	Concrete Encasemen	26.29	lm					+					
	Sub-total Cost	20.29	1111					+			Php		
	Sub-total Cost										Tilp		
4.03	Switchboards and Panelboards							-					
4.03	GROUND FLOOR												
	Panel: LVSG in NEMA 1 Enclosure Type (Free Standing)	1.00	assy										
	Main: 1-3200AT, 3200AF, 3P, 400V, 80KAIC, ACB-Draw	1.00	assy										
	Type TYPE - H1, 3P w/ Micrologic 2A Trip Unit, L.I. protection, Electrical Operated												
	Branches: 1-1200AT, 1200AF, 3P, 400V, 42KAIC, ACB-Draw												
	Type												
	1-350AT, 400AF, 3P, 400V, 25KAIC, MCCB												
	9-300AT, 400AF, 3P, 400V, 25KAIC, MCCB												
	1-250AT, 400AF, 3P, 400V, 25KAIC, MCCB												
	1-225AT, 225AF, 3P, 400V, 22KAIC, MCCB							1					
	1-150AT, 225AF, 3P, 400V, 22KAIC, MCCB					İ	İ	1					
	1-100AT, 100AF, 3P, 400V, 18KAIC, MCCB					İ	İ	1					
	1-80AT, 100AF, 3P, 400V, 18KAIC, MCCB												
	2-70AT, 100AF, 3P, 400V, 18KAIC, MCCB					İ	İ	1					
	4-60AT, 100AF, 3P, 400V, 18KAIC, MCCB							1					
	With Digital Power Meter, Power Factor and Current												
	Transformer for the Main and branches. And other accessories to												
	complete the system.						1	1					
							İ						
	Panel: DPL in NEMA 1 Enclosure Type (Surface Mounted)	1.00	assy										
	Main: 1-250AT, 400AF, 3P, 400V, 25KAIC, MCCB												
	Branches: 14-50AT, 50AF, 3P, 400V, 10KAIC, MCCB												
	With Digital Power Meter, Power Factor and Current												
	Transformer for the branches. And other accessories to complete the system.												
	Sub-total Cost										Php	-	
				•						 			

												1	1
4.04	r 1 - 10' - 's p - 1 -											<b></b>	+
4.04	Enclosed Circuit Breakers					-					-		+
	BASEMENT FLOOR												+
	ECB 125AT, 225AF, 3P, 230V, NEMA 1 Enclosure (STP)	1.00	assy										
	ECB 70AT, 100AF, 3P, 230V, NEMA 1 Enclosure (TRANSFER	2.00	assy										
	PUMP)											<del>                                     </del>	+
	LOWER ROOFDECK												<u> </u>
	ECB 60AT, 100AF, 3P, 400V, NEMA 3R Enclosure (ELEV 1, 2, 3 &	1.00	assy										
	4)											<del>                                     </del>	
	Sub-total Cost										Php	<del>                                     </del>	
												<b></b>	
4.05	Wires and Cables (Color Coded)												
	BASEMENT FLOOR											<del>                                     </del>	
	38 mm <sup>2</sup> THHN (STP)	164.00	lm(s)										
	14 mm <sup>2</sup> THHN (G) (STP)	55.00	lm(s)									<u> </u>	<b></b>
	14 mm <sup>2</sup> THHN (TRANSFER PUMP)	237.00	lm(s)										
	5.5 mm <sup>2</sup> THHN (G) (TRANSFER PUMP)	108.00	lm(s)										
					1			1				<b></b>	<b>↓</b>
	GROUND FLOOR				1	ļ					ļ	<b></b>	<b>↓</b>
	250 mm <sup>2</sup> THHN (ATS, LVSG, TX)	1,192.00	lm(s)		1	ļ					ļ	ļ	↓
	250 mm <sup>2</sup> THHN (600KVAR)	174.00	lm(s)		ļ	ļ					ļ	<b></b>	<b></b>
	50 mm <sup>2</sup> THHN (G) (600KVAR)	45.00	lm(s)		1			1				<u> </u>	1
	125 mm² THHN (DPL)	42.00	lm(s)			ļ					ļ	<u> </u>	1
	22 mm <sup>2</sup> THHN (G) (DPL)	11.00	lm(s)										
	100 mm <sup>2</sup> THHN (DP1)	50.00	lm(s)										
	22 mm <sup>2</sup> THHN (G) (DP1)	13.00	lm(s)										
	22 mm <sup>2</sup> THHN (40KVA)	50.00	lm(s)										
	5.5 mm <sup>2</sup> THHN (G) (40KVA)	13.00	lm(s)										
	THIRD FLOOR												
	200 mm <sup>2</sup> THHN (DP3)	87.00	lm(s)										
	30 mm <sup>2</sup> THHN (G) (DP3)	22.00	lm(s)										
	FOURTH FLOOR												
	150 mm <sup>2</sup> THHN (DP4)	103.00	lm(s)										
	22 mm <sup>2</sup> THHN (G) (DP4)	26.00	lm(s)										
	FIFTH FLOOR												
	150 mm <sup>2</sup> THHN (DP5)	120.00	lm(s)										
	22 mm <sup>2</sup> THHN (G) (DP5)	30.00	lm(s)										
	SIXTH FLOOR												
	150 mm <sup>2</sup> THHN (DP6)	136.00	lm(s)										
	22 mm <sup>2</sup> THHN (G) (DP6)	34.00	lm(s)										
	SEVENTH FLOOR												
	150 mm <sup>2</sup> THHN (DP7)	153.00	lm(s)										
	22 mm <sup>2</sup> THHN (G) (DP7)	39.00	lm(s)										
	EIGHTH FLOOR						1						1
	150 mm <sup>2</sup> THHN (DP8)	169.00	lm(s)				1						1
	22 mm <sup>2</sup> THHN (G) (DP8)	43.00											
	, , , , ,						1						1
	NINTH FLOOR											1	1
	150 mm² THHN (DP9)	186.00	lm(s)									<b>†</b>	<b>†</b>
	22 mm <sup>2</sup> THHN (G) (DP9)	47.00	lm(s)									1	1
	1.77.		\-/									<b>†</b>	<u> </u>
	TENTH FLOOR			+	1	1		1			1	<u> </u>	1
	150 mm² THHN (DP10)	202.00	lm(s)		1	1					1	†	<del>                                     </del>
	22 mm² THHN (G) (DP10)	51.00	lm(s)										†
			(/		1	•	1	1	1		1		.1

	I				1	1	1	1				
	ELEVENTH FLOOR											
	150 mm <sup>2</sup> THHN (DP11)	219.00	lm(s)									
	22 mm <sup>2</sup> THHN (G) (DP11)	55.00	lm(s)									
	TWELFTH FLOOR											
	150 mm <sup>2</sup> THHN (DP12)	244.00	lm(s)									
	22 mm <sup>2</sup> THHN (G) (DP12)	61.00	lm(s)									
	, , ,		` '									
	LOWER ROOFDECK							1				
	125 mm² THHN (SOLAR PANEL)	342.00	lm(s)									
	22 mm² THHN (G) (SOLAR PANEL)	86.00	lm(s)									
	50 mm² THHN (DPLR)	260.00	lm(s)									
	14 mm² THHN (G) (DPLR)	65.00	lm(s)									
	30 mm² THHN (MCC1)	281.00	lm(s)			-		-				
	8.0 mm <sup>2</sup> THHN (G) (MCC1)	71.00	lm(s)									
	14 mm <sup>2</sup> THHN (ELEV 1)	322.00	lm(s)									
	5.5 mm <sup>2</sup> THHN (G) (ELEV 1)	81.00	lm(s)									
	5.5 mm <sup>2</sup> THHN (STP FAN)	248.00	lm(s)									
	5.5 mm <sup>2</sup> THHN (G) (STP FAN)	62.00	lm(s)									
	Sub-total Cost									Php	-	
4.06	Conduit Pipes and Accessories											
	BASEMENT FLOOR											
	40mmØ IMC conduit pipe with fittings and complete accessories	19.00	lgth(s)									
	(STP)	19.00	igtn(s)									
	25mmØ IMC conduit pipe with fittings and complete accessories	36.00	lgth(s)									
	(Transfer Pump)	36.00	igii(s)									
	Conduit Connectors and Fittings	1.00	lot									
	GROUND FLOOR											
	800mmW x 150mmH x 2400mmL Wire Gutter NEMA 3R (LVSG)	8.00	lgth(s)									
	800mmW x 150mmH Cable Ladder w/ Cover (LVSG)	7.00	lgth(s)									
	800mmW x 150mmH Cable Ladder Vertical Elbow w/ Cover											
	(LVSG)	2.00	pc(s)									
	800mmW x 150mmH Cable Ladder Horizontal Elbow w/ Cover											
	(LVSG)	1.00	pc(s)									
	110mmØ PVC conduit pipe with fittings and complete accessories	24.00	1.417									
	(ATS)	24.00	lgth(s)									
	110mmØ PVC conduit pipe with fittings and complete accessories											
	(GENSET)	24.00	lgth(s)									
	90mmØ IMC conduit pipe with fittings and complete accessories											
	(600KVAR)	15.00	lgth(s)									
	90mmØ IMC conduit elbow, 90 degree bend (600KVAR)	9.00	lgth(s)									
	65mmØ IMC conduit pipe with fittings and complete accessories											
I	(DP1)	4.00	lgth(s)			ĺ	1					
	65mmØ IMC conduit elbow, 90 degree bend (DP1)	2.00	lgth(s)				1					
	65mmØ IMC conduit pipe with fittings and complete accessories											
	(DPL)	4.00	lgth(s)			ĺ		1				
	65mmØ IMC conduit elbow, 90 degree bend (DPL)	2.00	lgth(s)									
	32mmØ IMC conduit pipe with fittings and complete accessories					İ	Ì	1				
I	(40KVA)	5.00	lgth(s)			1	1					
	32mmØ IMC conduit elbow, 90 degree bend (40KVA)	3.00	lgth(s)			İ	İ	1				
	Conduit Connectors and Fittings	1.00		<del>                                     </del>		1		1				
	The state of the s	2.00		<del>                                     </del>		1		1				
	THIRD FLOOR			+	<b> </b>			<b>†</b>				<del>                                     </del>
	80mmØ IMC conduit pipe with fittings and complete accessories			+	<b>†</b>	<del>                                     </del>		<b> </b>				<del>                                     </del>
	(DP3)	8.00	lgth(s)			ĺ		1				
	80mmØ IMC conduit elbow, 90 degree bend (DP3)	3.00	lgth(s)					<del> </del>				<del>                                     </del>
	Conduit Connectors and Fittings	1.00	lot	+		1	1	<del> </del>				-
-	Conduit Connectors and Fittings	1.00	101	+		1		-				<del>                                     </del>
<b>-</b>	FOURTH FLOOR			+		1		-				+
$\vdash$				+		1		-				<del>                                     </del>
	80mmØ IMC conduit pipe with fittings and complete accessories	9.00	lgth(s)			1	1					
	(DP4)				1							

	20 (X IMC Just -lb 00 J b J (DB4)	2.00	1-41-(-)		1			1					
	80mmØ IMC conduit elbow, 90 degree bend (DP4)	3.00	lgth(s)				-					-	
	Conduit Connectors and Fittings	1.00	lot									<u> </u>	
												<b> </b>	<b>_</b>
	FIFTH FLOOR											<b> </b>	
	80mmØ IMC conduit pipe with fittings and complete accessories	10.00	lgth(s)									İ '	
	(DP5)											<u> </u>	-
	80mmØ IMC conduit elbow, 90 degree bend (DP5)	3.00	lgth(s)									<b></b>	1
	Conduit Connectors and Fittings	1.00	lot									<b> </b>	
												<b> </b>	
	SIXTH FLOOR											<b></b>	1
	80mmØ IMC conduit pipe with fittings and complete accessories	12.00	lgth(s)									İ '	
	(DP6)											<b></b>	1
	80mmØ IMC conduit elbow, 90 degree bend (DP6)	3.00	lgth(s)									<b></b> '	ļ
	Conduit Connectors and Fittings	1.00	lot									<b></b>	1
												<b> </b>	
	SEVENTH FLOOR											<b> </b>	
	80mmØ IMC conduit pipe with fittings and complete accessories	13.00	lgth(s)									İ '	
	(DP7)				-		-					<b></b> '	1
	80mmØ IMC conduit elbow, 90 degree bend (DP7)	3.00	lgth(s)				-					<b></b> '	1
	Conduit Connectors and Fittings	1.00	lot									<b></b> '	<b></b>
												<b></b> '	<b></b>
	EIGHTH FLOOR		ļ									<b></b> '	<b></b>
	80mmØ IMC conduit pipe with fittings and complete accessories	15.00	lgth(s)		1		1					1	
	(DP8)											<b></b> '	<b></b>
	80mmØ IMC conduit elbow, 90 degree bend (DP8)	3.00	lgth(s)									ļ	
	Conduit Connectors and Fittings	1.00	lot									<b> </b>	
												ļ	
	NINTH FLOOR											ļ	
	80mmØ IMC conduit pipe with fittings and complete accessories	16.00	lgth(s)									İ '	
	(DP9)											<b> </b>	
	80mmØ IMC conduit elbow, 90 degree bend (DP9)	3.00	lgth(s)									<b> </b>	
	Conduit Connectors and Fittings	1.00	lot									<b> </b>	
												<b> </b>	
	ELEVENTH FLOOR											<b></b>	<del> </del>
	80mmØ IMC conduit pipe with fittings and complete accessories	19.00	lgth(s)									İ '	
	(DP11)	2.00										<b> </b>	
	80mmØ IMC conduit elbow, 90 degree bend (DP11)	3.00	lgth(s)									<b> </b>	
	Conduit Connectors and Fittings	1.00	lot									<u> </u>	+
												<b></b>	<del> </del>
	TWELFTH FLOOR											<b></b> '	4
	80mmØ IMC conduit pipe with fittings and complete accessories	21.00	lgth(s)									İ '	
	(DP12)				<del>                                     </del>		<del>                                     </del>					<b>—</b>	<del>                                     </del>
	80mmØ IMC conduit elbow, 90 degree bend (DP12)	3.00	lgth(s)		<del>                                     </del>							<del>                                     </del>	1
	Conduit Connectors and Fittings	1.00	lot		<del>                                     </del>							<del>                                     </del>	1
	A CALLED TO COMPANY						-					<b></b> '	1
	LOWER ROOFDECK				-		-					<b></b> '	1
	65mmØ IMC conduit pipe with fittings and complete accessories	29.00	lgth(s)		1							<b>'</b>	
	(Solar panel)				ļ		<b>!</b>					<b></b> '	<del>                                     </del>
	65mmØ IMC conduit elbow, 90 degree bend (Solar panel)	6.00	lgth(s)		<b> </b>		ļ					<b></b> '	1
	50mmØ IMC conduit pipe with fittings and complete accessories	22.00	lgth(s)		1							<b>'</b>	
	(DPLR)				<del>                                     </del>		<del>                                     </del>					<b>—</b>	<del>                                     </del>
	50mmØ IMC conduit elbow, 90 degree bend (DPLR)	3.00	lgth(s)		<del>                                     </del>		<del>                                     </del>		-			<b> </b>	<del>                                     </del>
	32mmØ IMC conduit pipe with fittings and complete accessories	22.00	lgth(s)		1		1					1	
	(MCC1)				 -		-					<b> </b>	+
	32mmØ IMC conduit elbow, 90 degree bend (MCC1)	3.00	lgth(s)		<del>                                     </del>		<del>                                     </del>		-			<b> </b>	<del>                                     </del>
	25mmØ IMC conduit pipe with fittings and complete accessories	27.00	lgth(s)		1		1					1	
	(ELEV. 1)	4.00			<del>                                     </del>		<del>                                     </del>		-			<b> </b>	<del>                                     </del>
	25mmØ IMC conduit elbow, 90 degree bend(ELEV. 1)		lgth(s)	<del>                                     </del>	 <del>                                     </del>		<del>                                     </del>		-		Di.	<b> </b>	+
	Sub-total				1		<del>                                     </del>				Php	-	<del> </del>
4.05	rile: Deci Con Con Con Con Con Con Con Con Con Con		<del>                                     </del>		<del>                                     </del>		<del>                                     </del>		-			<b> </b>	<del>                                     </del>
4.07	Lightning Protection and System Grounding	1.00	. (/ )		<del>                                     </del>		<del>                                     </del>		-			<b> </b>	<del>                                     </del>
	Early Streamer Emission Lightning Arrester	1.00	set(s)		<del>                                     </del>		<del>                                     </del>					<b>—</b>	<del>                                     </del>
	G.I. Mast with complete support and catladder	1.00	assy(s)	1		1	1		l			1	

				ı	I	Г	1	1		1		1
Lightning Event Counter	1.00	set(s)										
For Powerhouse												
Ground Rod Copper Clad Steel 20mm dia X 3000 mm long	3.00	set(s)										
**												
125mm <sup>2</sup> Bare Copper Wire Soft Drawn	12.00	lm(s)										
Exothermic Weld Connector	3.00	pc(s)										
Sub-total										Php	-	
4.08 Miscellaneous Items												
BASEMENT FLOOR												
Testing and commissioning (insulation, voltage, current and	1.00	lot										
resistance test)	1.00	101										
GROUND FLOOR												
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
Channels, Conduit Straps, and other necessary items to support	1.00	lot										
installations of distribution frames, wiring boxes, conduit runs	1.00	101										
and wiring devices)						1						
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,												
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot				1						
consumed to assure correct installations of Distribution Frames,												
conduit runs and wiring devices)												
Testing and commissioning (insulation, voltage, current and	1.00	lot										
resistance test)												
THIRD FLOOR												
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
Channels, Conduit Straps, and other necessary items to support	1.00	lot										
installations of distribution frames, wiring boxes, conduit runs												
and wiring devices)												
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,												
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot										
consumed to assure correct installations of Distribution Frames,												
conduit runs and wiring devices)												
Testing and commissioning (insulation, voltage, current and	1.00	lot										
resistance test)												
FOURTH FLOOR												
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
Channels, Conduit Straps, and other necessary items to support						1						
installations of distribution frames, wiring boxes, conduit runs	1.00	lot				1						
and wiring devices)						1						
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,		1				<b>-</b>						
Electrical Tapes, Mica tubes, and other necessary items to be						1						
consumed to assure correct installations of Distribution Frames,	1.00	lot				1						
conduit runs and wiring devices)						1						
Testing and commissioning (insulation, voltage, current and				İ		1						
resistance test)	1.00	lot										
,												
FIFTH FLOOR												
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-		1		İ		1						
Channels, Conduit Straps, and other necessary items to support						1						
installations of distribution frames, wiring boxes, conduit runs	1.00	lot				1						
and wiring devices)						1						
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,												
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	1.4										
consumed to assure correct installations of Distribution Frames,	1.00	lot				1						
conduit runs and wiring devices)		<u> </u>	 		 	<u> </u>	<u> </u>					<u></u>
Testing and commissioning (insulation, voltage, current and	1.00	lot										
resistance test)	1.00	101				1						
						1						

				ı	ı	1	ı			1
						ļ				
SIXTH FLOOR										
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-										
Channels, Conduit Straps, and other necessary items to support	1.00	lot								
installations of distribution frames, wiring boxes, conduit runs	1.00	101								
and wiring devices)										
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,										
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot								
consumed to assure correct installations of Distribution Frames,	1.00	101								
conduit runs and wiring devices)										
Testing and commissioning (insulation, voltage, current and	1.00	lot								
resistance test)	1.00	lot								
SEVENTH FLOOR										
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-										
Channels, Conduit Straps, and other necessary items to support										
installations of distribution frames, wiring boxes, conduit runs	1.00	lot								
and wiring devices)										
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,						1				İ
Electrical Tapes, Mica tubes, and other necessary items to be						1				
consumed to assure correct installations of Distribution Frames,	1.00	lot				1				
conduit runs and wiring devices)						1				
Testing and commissioning (insulation, voltage, current and						<b>†</b>	1		1	1
resistance test)	1.00	lot				1				
resistance test)										
EIGHTH FLOOR						-				
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-										
Channels, Conduit Straps, and other necessary items to support	1.00	lot								
installations of distribution frames, wiring boxes, conduit runs										
and wiring devices)										
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,										
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot								
consumed to assure correct installations of Distribution Frames,										
conduit runs and wiring devices)										
Testing and commissioning (insulation, voltage, current and	1.00	lot								
resistance test)										
NINTH FLOOR										
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-										
Channels, Conduit Straps, and other necessary items to support	1.00	lot								
installations of distribution frames, wiring boxes, conduit runs	1.00	101								
and wiring devices)						 				
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,										
Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot				1				1
consumed to assure correct installations of Distribution Frames,	1.00	101				1				
conduit runs and wiring devices)		<u></u>				 <u> </u>	<u> </u>	 	1	 <u> </u>
Testing and commissioning (insulation, voltage, current and	1.00	1-4								
resistance test)	1.00	lot				1				
TENTH FLOOR										
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-										
Channels, Conduit Straps, and other necessary items to support						1				
installations of distribution frames, wiring boxes, conduit runs	1.00	lot				1				
and wiring devices)						1				
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,						<b>†</b>	1		1	1
Electrical Tapes, Mica tubes, and other necessary items to be						1				1
consumed to assure correct installations of Distribution Frames,	1.00	lot				1				1
						1				1
conduit runs and wiring devices)  Testing and commissioning (insulation, voltage, current and						<del> </del>	1		+	1
	1.00	lot				1				
resistance test)				L	l		l			

	ELEVENTH FLOOR												
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
	Channels, Conduit Straps, and other necessary items to support	1.00	lot										
	installations of distribution frames, wiring boxes, conduit runs												
	and wiring devices)												
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,												
	Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot										
	consumed to assure correct installations of Distribution Frames,	1.00	101										
	conduit runs and wiring devices)												
	Testing and commissioning (insulation, voltage, current and		_										
	resistance test)	1.00	lot										
	resistance test)												
	TWELFTH FLOOR			<u> </u>		1	1						
				-		-	-						
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
	Channels, Conduit Straps, and other necessary items to support	1.00	lot										
	installations of distribution frames, wiring boxes, conduit runs												
	and wiring devices)												
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,			1		1	1						
	Electrical Tapes, Mica tubes, and other necessary items to be	1.00	lot	1		1	1						
I	consumed to assure correct installations of Distribution Frames,	1.00	101	ĺ		ĺ	ĺ	1					
	conduit runs and wiring devices)												
	Testing and commissioning (insulation, voltage, current and		_						1				
	resistance test)	1.00	lot										
	resistance test)												
	I OWER ROOFFECT												
	LOWER ROOFDECK												
	Hangers and Supports (Steel Rods, Expansion Bolts, Strut-												
	Channels, Conduit Straps, and other necessary items to support	1.00	lot										
	installations of distribution frames, wiring boxes, conduit runs	1.00	101										
	and wiring devices)												
	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits,												
	Electrical Tapes, Mica tubes, and other necessary items to be												
	consumed to assure correct installations of Distribution Frames,	1.00	lot										
	conduit runs and wiring devices)												
	Testing and commissioning (insulation, voltage, current and												
	resistance test)	1.00	lot										
	,										Php	-	
<b>—</b>	Sub-total			<b>-</b>	-	<b>-</b>	<b>-</b>	-	1		гпр	-	
<u> </u>				ļ		ļ	ļ	<b> </b>	ļ				
				ļ		ļ	ļ						
	TOTAL ELECTRICAL WORKS										 Php	-	
5.00	CONVEYING SYSTEM												
5.50	CONTRACTOREM								<b>†</b>				
<b></b>	Service Elevator			<b>+</b>		1	1	1	1				
						ĺ	ĺ						
I	M670M1000W15S-CO-14/14/14			ĺ		ĺ	ĺ	1					
	∅ 1000 Kgs Capacity	1.00	unit	1		1	1						
1		2.00		ĺ		ĺ	ĺ	1					
1	Center Opening			ĺ		ĺ	ĺ	1					
1	Power Supply: 380V, 3 Phase, 60Hz			ĺ		ĺ	ĺ	1					
	Miscellaneous, Delivery and Lifiting of equipment	1.00	lot										
	, says a grapes								İ				
<b>—</b>	TOTAL CONVEYING SYSTEM				<b> </b>			<b> </b>	1		Php	-	
<del></del>	TOTAL CONVETING SISTEM			1	+	1	1		+		1 Hp	-	
-				<del>                                     </del>	ļ	<del>                                     </del>	<del>                                     </del>	-	ļ				
						<u> </u>	<u> </u>						
I													

TOTAL MATERIAL AND LABOR COST
Administrative Cost @ 3%
ESTIMATED TOTAL PROJECT COST

Php Php -

		ESTIMATED TOTAL PROJECT DURATION	CD	150.00
*** S U M M A RY ***				
1.00 GENERAL REQUIREMENTS  2.00 FIRE PROTECTION SYSTEM  3.00 PLUMBING WORKS  4.00 ELECTRICAL WORKS  5.00 CONVEYING SYSTEM	hP - - - - -			
TOTAL DIRECT AND INDIRECT COST	-			
ESTIMATED TOTAL PROJECT COST P	hP -			
Note: Bonds & Securities (including premium CARI) and power & water supply consumption are considered as overhead expenses while Plans (As-built plan) is considered See DPWH Department Order No 197	ered as miscellaneous ex	pense which are already included in the computation of OCM (mark-up).		
Prepared by:				

Contractor

Dtae :

#### **Bid Form**

Date	_ B <sup>4</sup>
Nº:	

To: [name and address of PROCURING ENTITY]

Address: [insert address]

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract [insert name of contract];
- (b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered below is: <u>[insert information]</u>;

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

- (c) Our Bid shall be valid for a period of [insert number] days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) 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;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: [insert information];
- 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;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;
- (h) 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

If ADB, JICA and WB funded projects, use IFB.

- (i) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- (j) 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].
- (k) 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:	In the capacity	of: Sig	ned: Duly	authorized	to sign the	Bid for an	nd on behalf	of: I	Date:
warne	_iii tile capacity	UI	SiicaDaiy	authorized	to sign the	Did for ai	ia on benan i	انا	Jacc.

### **Bid-Securing Declaration**

(REPUBLIC OF THE PHILIPPIN	ES)
CITY OF	) <b>S.S.</b>
X	X

**Invitation to Bid** [Insert reference number]

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

I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any 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 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 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;
  - c. I am/we are declared as the bidder with the Highest Rated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

Series of	
University of	the Philippines Manila
Ride and Aw	ards Committee 2

	COM	FINANCIAL DOCUMENTS PUTATION OF NET FINANCIAL	FOR ELIGIBILITY CHECK CONTRACTING CAPACITY (NFCC)								
1.	basis of the Bure	the attached income tax return and a	utor's/Manufacturer's assets and liabilities on the adited financial statement, stamped "RECEIVED" by rized collecting agent, for the immediately preceding a Assets								
	7 - 1 - 1 - 1		Year 20								
	1.	Total Assets									
	2.	Current Assets									
	3.	Total Liabilities									
	4.	Current Liabilities									
	5. Net worth (1-3)										
	6. Net Working Capital (2-4)										
	uncomple to be star the value NFCC = Or Commitm	eted portions of the projects under on rted coinciding with the contract to b of all outstanding / on-going contract P	) (15)] minus the value of all outstanding or going contracts, including awarded contracts yet bid. Please show detailed computation including ts to be deducted from the net working capital) it a credit line certificate if awarded the contract in ject to bid.								
]	Name of 1	Bank:	Amount:								
stamp	ed "REC		come tax return and audited financial statement d collecting agent for the immediately preceding aed bank to extend a credit line.								
Subm	itted by:										
	• • •	er/Distributor/Manufacturer	Date:								
Signa	ture of Au	uthorized Representative									

#### NOTE:

- (i) If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.
- 2. 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.

### **Omnibus Sworn Statement (Revised)**

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINE	ES)	
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 , Philippir	oines
---	-------

[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]

## QUESTIONAIRE FOR PROSPECTIVE BIDDERS

(additional requirement for eligibility)

 Have you ever participated in any bidding in the University of the Philippines System?

YES	NO
140	

If YES, fill up the table below, Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Amount of Project	Duration Start / End (Dates)	Status (On-going / completed)
		* 1		
	10		Sia 5 4	18
1)	4-200	7.		E C
	SOP)	-		

2. Has your company ever been suspended or Blacklisted by the University of the Philippines System?

YES	NO
****	- A
	93

If YES, fill up the table below, Use additional pages if necessary

Constituent University/UP Campus	Name of project	Reason for suspension / Blacklisting	Status (on-going / lifted)
ă,			

3.	Has your company ever been suspended or
	Blacklisted by any government agency / Company

YES	NO
	-

If YES, FILL UP THE Table below, Use additional pages if necessary

Name of government Agency / Company	Name of Project	Reason for suspension / Blacklisting	Status (on-going / lifted)
	- 2		
			)))

 Has there been any project of your company In the University of the Philippines that was terminated By Administration

NO

If YES, FILL UP THE TABLE BELOW, Use additional pages if necessary

Constituents University / UP Campus	Name of Project	Reason for termination	Date of termination

5. Do you certify that all documents submitted by Your company and personnel are authentic?

YES	NO
-	-

YES	NO	
	(14)	

2

6. Is there any pending cases in a Court or any similar institutions in relation to any Government contract awarded to your company? In relation to practice or profession of any of your personnel?

If YES, fill up the table below. Use additional pages if necessary

For Company

Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks
100		122		
	30		- 8	
				A Arrestallingua.

For Personnel

Name of Personnel & Designation	Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks
				Maria Land	
				Year open	
	O		b		

I hereby certify that all statements and information provided herein are complete, true and correct.

Name & Signature of Bidder's Authorized Representative

Official Designation Company Date General Requirements for Government Procurement

## Suggested Marking (ITB 21)

"Mother Envelop"

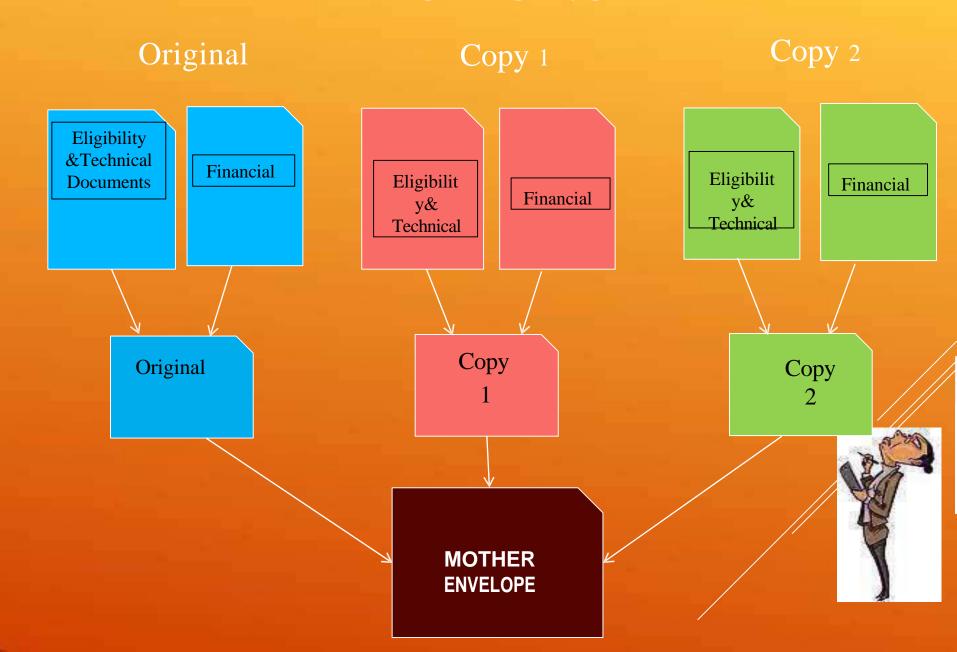
BIDDER: Address	
	Title of Project
	S AND AWARDS COMMITTEE 2  ersity of the Philippines Manila  Taft Avenue, Manila  E

## General Requirements for Government Procurement

## Suggested Marking (ITB 21)

ORIGINAL BIDDER:	<u>BID</u>
Address	
	Title of Project
	THE BIDS AND AWARDS COMMITTEE 2
	University of the Philippines Manila  Taft Avenue, Manila
DO NOT O	PEN BEFORE

## **PACKAGING**



## QUICK FACT SHEET OF PROSPECTIVE BIDDERS: PROJECT TITLE: PURCHASE REQUEST NO. BIDDER'S OFFICIAL BUSINESS NAME COMPLETE BUSINESS ADDRESS: **OFFICIAL CONTACT DETAILS:** Landline: Cellphone No. \_\_\_\_\_ Email Address: NAME OF AUTHORIZED/DESIGNATED REPRESENTATIVE (Signature over Printed Name) \_\_\_\_\_\_ Designation in the Company: \_\_\_\_\_ Signing of Contract/Purchase Order: Designation in the Company: Certified true and correct: Signature over Printed Name Corporate Secretary or Authorized Officer

#### NOTES:

- 1. Information provided in this fact sheet should be consistent with the details contained in the bidder's legal documents (SEC Registration/Latest GIS, Omnibus Sworn Statement and Secretary's Certificate).
- 2. The certifying officer should be at least the Corporate Secretary who shall execute the Secretary's Certificate of signing authority.
- 3. A filled-up copy of this sheet shall be sent to the BAC Secretariat when requesting zoom link. Another copy should be placed on top of the original copy of legal documents/eligibility requirements (Envelope 1) of bid documents.



## UNIVERSITY OF THE PHILIPPINES MANILA Progurement Office

# GUIDELINES FOR THE CONDUCT OF BIDS AND AWARDS COMMITTEE MEETINGS USING ONLINE PLATFORMS (SUCH AS VIDEO CONFERENCING, ZOOM, ETC)

### **Background and General Principle**

Article III, Section 8 of RA 9184 2016 Implementing Rules and Regulations (IRR) provides that "to promote transparency and efficiency, information and communications technology shall be utilized in the conduct of procurement procedure."

The Government Procurement Policy Board through its Technical Support Office (TSO) continuously strived for the development of various on-line systems such as PhilGEPS which serves as the primary source of information on all government procurement. Procurement of common-used supplies and equipment can now be done at the Virtual Store of the Procurement Service. Recently, the development of online training platform was hastened due to the physical restrictions brought about by the community quarantine due to the COVD-19 pandemic.

Development of the online system for the submission of bids is ongoing. However, also due to the pandemic, the GPPB-TSO encouraged procuring agencies to develop their own system but in accordance with the guidelines issued by GPPB-TSO to ensure security, integrity and confidentiality of bid documents submitted.

The conduct of meetings with prospective bidders including prebid conference and opening of bids may now be conducted in person or face-to-face through videoconferencing, webcasting or similar technology with the interested suppliers, contractors and consultants.

In UP Manila, specifically the Bids and Awards Committee (BAC1, BAC2 and BAC3) meetings shall be conducted "face to face" using the online platforms. The manner of holding BAC meetings should be announced and described in the Invitation to Bid at the onset of the procurement activities. It should clearly define the guidelines or procedures to be observed by the prospective bidders and other interested contractors, suppliers, or consultants, as follows:

a. Using the attached Quick Fact Sheet, prospective bidders shall inform the concerned BAC Secretariat of their interest to participate in the prebid conference and opening of bids by sending the name/s of their authorized representative/s and their corresponding email address/es at least, the day before the meeting, to the following email addresses:

BAC 2 : <u>upm-bac2-secretariat@up.edu.ph</u>
BAC 3 : upm-bac3-secretariat@up.edu.ph

- b. The zoom link which shall be provided by the BAC Secretariat to those who signified their intention to attend at least one (1) hour before the scheduled start of the meeting. Only those whose names were submitted to the Secretariat will be allowed access to the meeting room. Zoom link should not be shared to other people.
- c. The prospective bidders/suppliers shall stay initially at the zoom waiting room until the discussion of the item where they intend to participate starts. The host of the meeting from the BAC Secretariat will then let them in to the meeting room just before the discussion of the specific matter they intend to participate.
- d. During discussion, participants shall be requested to put their audio/microphones in "mute" mode, and shall unmute only upon raising their hands and have been given by the presiding officer the permission to speak.
- e. Participants shall open their camera when speaking for proper recognition.
- f. After discussion, all prospective bidders/suppliers for a particular project will courteously be requested to leave the meeting.
- g. Attendance to the zoom meeting should be documented. Likewise, the proceedings/minutes of the meeting should be recorded.

UPM-PrO-G-01 Page: 2 of 2

