

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

## **Procurement of**

*Proposed Completion of Automatic Transfer Pump  
System and Repiping of Water Line, Calderon Hall and  
Salcedo Hall, College of Medicine,  
University of the Philippines Manila*

*(October 2023)*

Government of the Republic of the Philippines

**Sixth Edition**

**July 2020**

# Preface

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

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

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

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

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

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

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

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# ***Glossary of Terms, Abbreviations, and Acronyms***

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

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

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

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

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

**DTI** – Department of Trade and Industry.

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

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

**PhilGEPS** - Philippine Government Electronic Procurement System.

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.



## ***Section I. Invitation to Bid***



**UNIVERSITY OF THE PHILIPPINES MANILA**

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

**INVITATION TO BID**

***Proposed Completion of Automatic Transfer Pump System and Repiping of Water Line,  
Calderon Hall and Salcedo Hall, College of Medicine,  
University of the Philippines Manila***

1. The University of the Philippines Manila (UPM), through the **PR-UGTFI-23-09-055**, intends to apply the sum of ***Eight Hundred Sixty-Six Thousand Ninety-Four Pesos and Four Centavos (Php866,094.04)*** being the Approved Budget for the Contract to payments under the contract for the ***Proposed Completion of Automatic Transfer Pump System of Water Line, Calderon Hall and Salcedo Hall, College of Medicine, 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 ***Fifty (50) 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 ***18 October 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 ***One Thousand Pesos (Php1,000.00)*** 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 ***24 October 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 pre-bid conference starts.

8. Bids must be duly received through manual submission, on or before **07 November 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 **07 November 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](mailto: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 RUIZ AGUILA, PhD**  
**BAC 2 Chair**

NOTED:

  
**ARLENE A. SAMANIEGO, MD**  
**Vice Chancellor for Administration**

*Posted at PhilGEPS, UP Manila Website,*  
*Bulletin Board at the UP-Manila Procurement Office*  
*starting 18 October 2023*

## ***Section II. Instructions to Bidders***

## **1. Scope of Bid**

The University of the Philippines Manila invites Bids for the *Proposed Completion of Automatic Transfer Pump System of Water Line, Calderon Hall and Salcedo Hall, College of Medicine, University of the Philippines Manila*. under Purchase Request No. 22860

The Procurement Project (referred to herein as “Project”) is for the *Proposed Completion of Automatic Transfer Pump System of Water Line, Calderon Hall and Salcedo Hall, College of Medicine*, as described in Section VI (Specifications).

## **2. Funding Information**

**2.1.** The GOP through the source of funding as indicated below for *PR-UGTFI-23-09-055* in the amount of *Eight Hundred Sixty-Six Thousand Ninety-Four Pesos and Four Centavos (Php866,094.04)*

**2.2.** The source of funding is *PR-UGTFI-23-09-055*

## **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 “P” 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  | For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work or as part of the whole contract, which shall be:<br><br><i>[Supply and installation of transfer pump system and re-piping of waterline.]</i>   |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| 6.1  | <b>Note:</b> 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   | <i>Philippine Contractors Accreditation Board (PCAB) License; at least SP-TRADE Category E or Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid.</i>  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| 10.4   | <table><tr><td colspan="3">The key personnel must meet the required minimum years of experience set below:</td></tr><tr><td><u>Key Personnel</u></td><td><u>General Experience</u></td><td><u>Relevant Experience</u></td></tr><tr><td>Project Manager</td><td>At least 5 years</td><td>Engineer with at least 3 years' experience as project manager in similar projects.</td></tr><tr><td>Registered Sanitary Engineer or Master Plumbe</td><td>At least 3 years</td><td>Sanitary Engineer (SE)/Master Plumber (MP) with at least 2 years' experience in similar projects as SE/MP</td></tr><tr><td>Foreman</td><td>At least 3 years</td><td>with similar project experience as Plumbing Foreman</td></tr></table> | The key personnel must meet the required minimum years of experience set below:                                |  |    | <u>Key Personnel</u>   | <u>General Experience</u> | <u>Relevant Experience</u>   | Project Manager | At least 5 years | Engineer with at least 3 years' experience as project manager in similar projects. | Registered Sanitary Engineer or Master Plumbe | At least 3 years | Sanitary Engineer (SE)/Master Plumber (MP) with at least 2 years' experience in similar projects as SE/MP | Foreman        | At least 3 years | with similar project experience as Plumbing Foreman |
| The key personnel must meet the required minimum years of experience set below:                                |  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| <u>Key Personnel</u>   | <u>General Experience</u>  | <u>Relevant Experience</u>   |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| Project Manager  | At least 5 years   | Engineer with at least 3 years' experience as project manager in similar projects.                             |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| Registered Sanitary Engineer or Master Plumbe  | At least 3 years   | Sanitary Engineer (SE)/Master Plumber (MP) with at least 2 years' experience in similar projects as SE/MP      |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| Foreman  | At least 3 years   | with similar project experience as Plumbing Foreman  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| 10.5   | <table><tr><td colspan="3">The minimum major equipment requirements are the following:</td></tr><tr><td><u>Equipment</u></td><td><u>Capacity</u></td><td><u>Number of Units</u></td></tr><tr><td>PPE</td><td></td><td></td></tr><tr><td>Power tools</td><td></td><td></td></tr><tr><td>Personal tools</td><td></td><td></td></tr></table>  | The minimum major equipment requirements are the following:  |  |    | <u>Equipment</u>   | <u>Capacity</u>           | <u>Number of Units</u>   | PPE             |                  |  | Power tools                                   |                  |   | Personal tools |                  |   |
| The minimum major equipment requirements are the following:  |  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| <u>Equipment</u>   | <u>Capacity</u>  | <u>Number of Units</u>   |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| PPE  |  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| Power tools  |  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| Personal tools   |  |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| 12   | <i>[Insert Value Engineering clause if allowed.]</i>   |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |
| 15.1   | <table><tr><td colspan="2">The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</td></tr><tr><td>a.</td><td>The amount of not less than <b>Php17,321.88</b> if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</td></tr><tr><td>b.</td><td>The amount of not less than <b>Php43,304.70</b> if the bid security is in surety Bond.</td></tr></table>  | 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 <b>Php17,321.88</b> 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 <b>Php43,304.70</b> if the bid security is in surety Bond. |                 |                  |  |   |                  |   |                |                  |   |
| 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 <b>Php17,321.88</b> 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 <b>Php43,304.70</b> if the bid security is in surety Bond.   |  |  |    |  |                           |  |                 |                  |  |   |                  |   |                |                  |   |

|      |   |
|------|---|
| 16.  | <i>Each Bidder shall submit (3) <b>three</b> copies of the first and second components of its bid.: (1) <b>one</b> original and (2) <b>two</b> additional copies (Copy 1 and Copy 2)</i>  |
| 19.2 | Partial bids are not allowed.   |
| 20   | <i>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 latest income and business tax return filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate license and permits required by law and stated in the BDS.</i> |
| 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.
- 4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

## 4. The Contractor's Obligations

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

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

## **5. Performance Security**

- 51.** 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.
- 52.** 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**

- 71.** 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.
- 72.** The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

## **8. Liability of the Contractor**

Subject to additional provisions, if any, set forth in the **SCC**, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## **9. Termination for Other Causes**

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



## **10. Dayworks**

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

## **11. Program of Work**

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

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

## **12. Instructions, Inspections and Audits**

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

## **13. Advance Payment**

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

## **14. Progress Payments**

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

## **15. Operating and Maintenance Manuals**

- 151.** If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 152.** 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          | <i>[Not Applicable.]</i>  |
| 4.1        | <i>Site access to the location of the project will be granted as a whole.</i>   |
| 6          | The site investigation reports are: <i>Certificate of Inspection.</i>   |
| 7.2        | N/A   |
| 10         | <p>a. Day works are applicable at the rate shown in the Contractor's Original Bid.</p> <p>b. No day works are applicable to the contract. <b>(Not applicable)</b></p>   |
| 11.1       | The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>[insert number]</i> 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 <i>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.</i>                               |
| 14         | Materials and equipment delivered on the site but not completely put in place shall be NOT be included for payment.   |
| 15.1       | <p>The date by which operating, and maintenance manuals are required is <i>[date]</i>.</p> <p>The date by which "as built" drawings are required is <i>before the issuance of the certificate of completion of the project.</i></p> |
| 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 <i>[One (1%) percent of total contract cost]</i> .  |

## ***Section VI. Specifications***



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 TITLE : PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM  
AND REPIPING OF WATER LINE, CALDERON HALL & SALCEDO HALL  
College of Medicine, U.P. Manila

SUBJECT : TECHNICAL SPECIFICATIONS & SCOPE OF WORK

#### Division 1 - General

##### 01000 General Requirements

1. The Contractor shall furnish all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor and supervision required for the complete construction of the subject project, as shown on the drawings and called for in these specifications, ready for use.
2. All Contractors submitting proposal for this project shall first examine the site. All proposals shall take into consideration all such conditions that may affect the work under this contract. The specifications and plans shall form part as one. Anything mentioned on plans and not mentioned on the scope of work and specifications and vice versa shall be properly consulted to the CPDMO Project Architect/Engineer for clarification. Any work or materials not in accordance with the drawings or specifications shall be replaced with new at the Contractor's expense.
3. The Contractor shall coordinate his work with all parties to ensure proper phasing or schedule of works. The Contractor shall engage under him, a registered Engineer or Architect to supervise his work. He shall remain at all times in the construction site.
4. A logbook shall be available at the site. It shall contain the daily activities in the site, including weather condition, delivery, manpower and other matter pertaining to the condition of the project. It will also serve as data for Contractor and the Project Inspector.
5. Identification Card of construction workers and engineer/representative shall be supplied by CPDMO with corresponding fees; it should be worn at all times while inside the building/campus premises. Those without IDs shall not be allowed to enter the premises for security purposes.
6. No alteration or additional work that will result in an additive or deductive cost change from the Contract shall be allowed without the approval of the chancellor.
7. Complete specifications with product sample shall be submitted by the contractor to CPDMO and end-user for evaluation. Inspection of the Project Architect/Engineer in-charge shall be required prior to installation of any item/material on the construction.
8. Regular coordination meeting shall be conducted with CPDMO, Contractor and End-user for proper project monitoring.
9. Existing condition of the work site shall be documented by the contractor and photos shall be taken before commence of work to ensure such status. Any damage on the areas due to the contractor's on-going work shall be refurbished at his expense.

PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM  
TECHNICAL SPECIFICATIONS



1-21-2023  
1-20-2023  
3-4-2023

10. The Contractor shall provide a complete copy of "As built plans" of the project/unit concerned which shall include all the civil, architectural, plumbing, electrical and other related layouts in 20" x 30" original sheets. It should be properly drawn indicating all the specifications, layouts, tables and necessary data. An initial layout should be submitted in a B4 sheet for checking and approval of Project Architect/Engineer. Final "As built plans" shall be submitted with soft and hard copies.
11. The Contractor shall promptly remove from the premises all rubbish, trash, debris, and all superfluous building materials weekly. After the completion of all works, restore all areas that were damaged as affected by the construction works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.
12. All materials removed from the unit shall be properly documented prior to turn-over to the End-user for proper safe keeping.

#### **Section 01510 Temporary Facilities / Safety Signage**

- Provide temporary enclosure/canvass on all areas for building protection. Such coverings shall be adequate enough to cover all the building facilities throughout the span of the project.
- Charges for the restoration or replacement of any damage facility, equipment, material and the like shall be made on the Contractor due to his negligence in providing suitable temporary covering.
- Provide the appropriate scaffoldings, board ups, safety nets and related items to ensure proper installation of all framing system and protection on the area, at the expense of the Contractor as its basic equipment.

#### **Division 2 – Site Construction**

##### **Section 02200 Site Preparation**

###### **Mobilization / Demobilization**

- This work includes mobilization process, provision for warning signs, including barricades, temporary facilities, temporary fences, warning lights and similar safeguards shall be provided by the Contractor as they are required for protection of his manpower and others during the construction life of this project.
- Demobilization procedure shall include clearing of the affected areas from all rubbish, trash, debris, and all superfluous building materials and restore all areas that were damaged as affected by the works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.

##### **Section 02200 Site Demolition**

###### **Mobilization / Demobilization**

- This work includes demolition/dismantling of all existing structures not necessary on the new features of the rooms but shall be coordinated properly with the Project Architect to ensure the effect and safety of such demolition/dismantling with the adjacent and connecting structures.
- Restoration and rehabilitation shall be done according for the improvement of the structures.

#### **Section 02230 Site Clearing**

- Clear the area from all obstructions or as affected by the construction works, except those structures indicated on the drawings or designated by the Project Architect/Engineer to be left standing. It shall be properly protected from incidental damage due to construction works by the erection of suitable barriers upon approval of the Project Architect/Engineer.

#### **Section 02290 Site Monitoring**

- Site monitoring shall be a must to the contractor for the effective implementation of the project. Any discrepancies on plans and actual site conditions shall be properly coordinated with the Project Architect/Engineer concerned for verification.
- Regular coordination meeting shall be done between the contractor or its representative and the Project Architect/Engineer concerned at CPDMO.

#### **Section 02500 Utility Services**

##### **Utility Service/Consumption**

- Provision of electric and water meter shall be included in the quotation to be charged to the contractor's overhead. All utility consumption shall be provided with meters to limit the usage of such during working period. Payments of bills shall be made thru the Cashiers Office after the renovation period presenting the statement of account issued by Accounting upon recommendation of the Chief of CPDMO.

##### **Workmanship and Materials**

- All work shall comply with the pertinent provision of the local building of the city, the Code of Sanitation of the Phil., and/or Uniform Plumbing Code of the Philippines.
- All materials and equipment to be used and installed hereunder shall be of the approved type bearing the stamp or approval of the proper authorities concerned. Locally made or constructed materials shall first be approved before installation.
- All works shall be done in workmanlike manner and should present a neat and mechanical appearance when completed.

##### **Plans**

- The accompanying drawings shall indicate the general arrangement of the equipment, outlets and other works. When it is necessary to deviate from the arrangement indicated on plans in order to meet the structural conditions, such deviation shall be made at the expense of the Contractor and upon approval from the Project Inspector / Electrical Engineer.
- The outlets and circuit breakers shown on the plan are diagrammatic and approximately correct as to location. Minor changes shall be made through the Contractor at his own expense. The exact location of all outlets and switches shall be determined by the Project Inspector/Electrical Engineer and the same shall be located accordingly. The Contractor shall be responsible for the accurate location of all outlets with respect to doors, partitions, water pipes, cabinets and other facilities.



## **DIVISION 15 – MECHANICAL**

### **15400 Plumbing System**

#### **Scope of Work**

- This item shall consist of supply of all plumbing system with accessories including labor, tools, equipment, testing, and the satisfactory performance in undertaking the proper installation of the system as shown on the Plans and in accordance with this Specifications

#### **Calderon Hall, College of Medicine**

- Chipping, excavation and restoration works
- Repiping of waterline as indicated in the plan
- Repiping of transfer pump system assembly/layout
- Supply and installation of 2 set of transfer pump
- Supply and installation of transfer pump alternate control panel
- Electrical works/power supply for pump system
- Testing and Commissioning

#### **Salcedo, College of Medicine**

- Chipping, excavation and restoration works
- Repiping of waterline as indicated in the plan
- Repiping of transfer pump system assembly/layout
- Supply and installation of additional one (1) set of Transfer Pump
- Termination of existing transfer pump alternate control panel
- Electrical Works/power supply for pump system
- Testing and Commissioning

#### **Construction Notes**

- All plumbing works included herein shall be executed in accordance to the provision of the Revised National Plumbing Code of the Philippines, 1999 Edition, The National Plumbing Code and Local Rules and Regulations of the Municipality.
- Coordinate the drawings with other related drawings and specifications. The Engineer and/or Architect shall be notified immediately of any discrepancy found herein.
- All pipes shall be installed as indicated, any relocation required for proper execution of the plumbing work shall be with prior approval of the Engineer and/or Architect.
- Proposed sanitary utilities shall conform to the actual location, depth and invert elevations of all existing pipes and structures as verified by the Contractor.
- All slopes for horizontal drainage shall maintain two percent (0.02) and one percent (0.01) minimum unless otherwise specified.
- Water supply pipe to fixture shall be sized in accordance with the manufacturer's recommendations and/or plumbing code.
- All branches of fixture or group of fixtures shall be provided with air chamber made of capped vertical extension pipe of 300mm min. to 450mm maximum.
- All water lines shall be hydrostatically tested at 100psi for a period of two (2) hours before buried or covered. Galvanized iron (G.I.) pipes directly in contact with soil shall be provided with two coats of coal tar and wrapped with jute sack and painted with coal tar.
- The Contractor shall verify all existing utilities at site and coordinate the work with the sewer and waterline service connecting/tapping point.
- All pipe sizes and other dimensions are in millimeter (mm) unless otherwise specified and are indicative of inside diameter.

## **Material Requirements**

### **Waterline / Water Distribution**

- Use Polypropylene (PPR) type system for cold and hot (as needed) waterline pipes and fittings jointing by socket fusion, conforming to ASTM F1335
- Confer to Project Architect the brand and approved equivalent.
- Provide sample for approval.

### **Equipment and Accessories**

#### **Calderon Hall, College of Medicine**

##### **Transfer Pump**

- 2 Set of Transfer Pump, 5HP, 3-Phase, 230Volts (Runs Alternating, 1 Duty, 1 Stand-by), Horizontal End Suction, complete with Pump Control Panel (Alternate Control), Drivers, VFD & Accessories.

##### **Pump Alternate Control**

- Full Voltage Direct On-line Duplex Type Transfer Pump Controller rated 5HP, 230V, 3-Phase, 60Hz. Complete with molded case circuit breaker, Magnetic Contactor, float less relay with liquid level.

#### **Salcedo Hall, College of Medicine**

##### **Transfer Pump**

- 1 Set of Transfer Pump, 5HP, 3-Phase, 230Volts (Runs Alternating, 1 Duty, 1 Stand-by), Horizontal End Suction, complete with Pump Control Panel (Alternate Control), Drivers, VFD & Accessories.

### **Jointing**

- Polypropylene Random (PP-R) Pipes - heat fusion.

### **Supports**

- Horizontal lines shall be supported by well secured length heavy duty strap hangers or floor chairs as required. Vertical lines shall be secured strongly by hooks<sup>1</sup> to the building frame and suitable bracket or chairs shall be provided at the floors from which they start.

### **Restoration Works**

- All the necessary restoration works in all affected areas in the implementation of the project shall be the Contractors liability.

### **Electrical Works**

#### **Conduit System**

- PVC is primarily required for this work. Conduit runs shall be well supported especially on ceiling and slab, concrete encased on soil. All conduits placed on walls and partition shall be embedded, exposed layout will not be allowed. Conduit ends shall be provided with an end bell or adapter with locknut and bushing. Conduit shall enter knockouts squarely. Locknuts and bushing shall be used at termination of conduits in outlets, pull or junction boxes, panels and cabinets. Locknuts shall be screwed tight. Bends and offsets shall be avoided if possible, but when necessary it

shall be made with an approved Field bend or pipe / conduit bending machine. The use of pipe tee or vice bending conduits will not be permitted.

#### **Conductors and Cables**

- Wires and cable for lights and power shall be type THHN/THW 600 volts insulation approved type building wire. No. 3.5 mm THHN shall be used from the panel board to the last outlet, and shall be the smallest wire that should be used, unless otherwise No. 8.0mm wires THNN and larger shall be stranded and be connected to the panel boards and equipment by solder less connectors sufficiently large to enclose all strands of the conductor and be securely fastened. They shall not get loose under vibration and normal strain. Wire splices shall be mechanically and electrically secured and soldered. Joints taps and splices in wires larger than No. 10 AWG shall be made with the use of solder less connectors. They shall be tapped with electrical tape to the thickness of the wire insulation.
- Wires and cables shall be continued from outlet, or outlet to pull boxes without splices. Conductors shall not be drawn in conduits until plaster is dry and the conduits are cleaned and free of moisture. Conductors of other systems shall not occupy the same conduit and boxes used for light and power.

#### **Construction Requirements**

- Make the necessary preparation works for the installation of water system and sanitary, on the specified area.
- Ensure proper installation of the system, tap to the nearest water distribution area, and to the nearest sewer area
- Ensure complete and proper installation of brackets and supports.
- Testing shall be done for the whole system and equipment's in the presence of the Engineer and Owner or his representative.
- All restoration and rehabilitation works shall be done on the affected areas to the same features with the existing or as per the required finish.

#### **NOTE**

The foregoing list of items of works does not in any way limit the responsibility of the Contractor to perform all other works necessary for the completion of the project, **"PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM AND REPIPING OF WATERLINE, CALDERON HALL & SALCEDO HALL, College of Medicine, University of the Philippines, Manila.**


#### **GUARANTEE**


The Contractor shall guarantee all works under this contract to be free from any technical, material, workmanship and/or factory defects and shall replace and repair to the satisfaction of the Project Architect / Engineer and/or to the Chief of CPDMO on any part or portion of the work which may fail within a period of one (1) year after the final acceptance of the system.


#### **COMPLETION PERIOD**

The Contractor is given Fifty (50) calendar days to execute the additional works including the installation all system requirements. The Contractor shall coordinate to the CPDMO Inspector and End-users for the schedule of testing of systems and other related job.

Prepared by:

  
MARUEL V. EROYLA  
Junior Engineering Associate


  
RENATO B. REMORQUE  
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RICARDO C. ALVARAN  
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Certified Correct:


  
AR. ROSALIE G. FLORES-BERNARDO  
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Vice Chancellor for Planning and Development

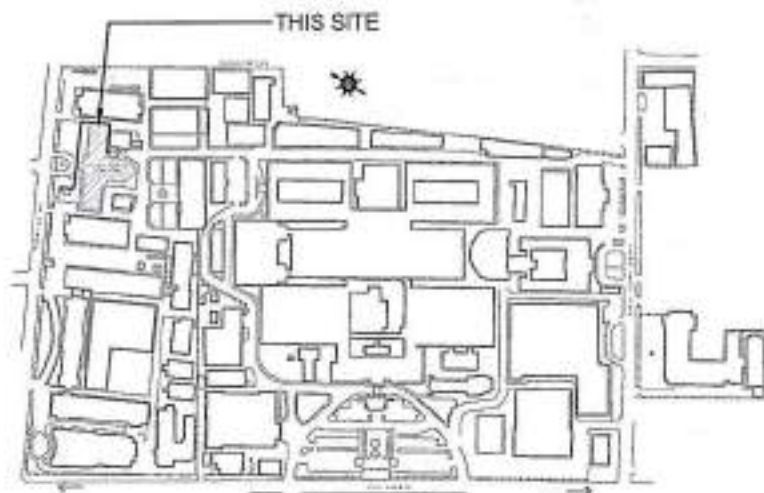
Approved:

  
ARLENE A. SAMANIEGO, MD  
Vice Chancellor for Administration

 AUG 16 2023

## ***Section VII. Drawings***





1 LOCATION PLAN  
P-1 DRAWING NOT TO SCALE

#### PLUMBING NOTES:

1. ALL PLUMBING WORKS INCLUDING HEREIN SHALL BE PERFORMED ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE NATIONAL BUILDING CODE AND THE RULES AND REGULATIONS OF THE MUNICIPALITY CONCERNED.
2. ALL INSTALLATION SYSTEMS SHALL BE DONE TO THE BEST PRACTICE OF THE PROFESSION SUPERVISED BY A LICENSED SANITARY ENGINEER DURING ALL PHASES OF CONSTRUCTION.
3. COORDINATE ALL LAYOUTS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE OWNER'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND.
4. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY OTHER LOCATIONS NOTED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE BY PRIOR APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
5. IT IS NOT PERMITTED THAT THE DRAWINGS SHALL SHOW EVERY PIPE, FITTING, VALVE AND APPLIANCE. ALL SUCH ITEMS WHICH ARE SPECIFICALLY MENTIONED OR NOTED OR INDICATED ON THE DRAWINGS SHALL BE PLUMBING AND INSTALLED IN ACCORDANCE TO THE BEST PRACTICE OF THE PLUMBING TRADE AND TO THE SATISFACTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
6. EXACT LOCATION OF EXISTING UTILITIES (WATER, GAS, SEWER, ETC.) SHALL BE VERIFIED BY THE CONTRACTOR AT JOBSITE.
7. THE PROPOSED UTILITIES SHALL BE MADE TO CONFORM TO THE ACTUAL LOCATION, LAPPING POINT, TYPE AND SIZES OF ALL EXISTING UTILITIES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
8. ALL WORKS SHALL BE DONE WITH utmost care and highest level of quality and safety. WHEN NO ACCESS OR OBSTACLE TO EXISTING UTILITIES AND/OR OBSTACLE.
9. ANY EXISTING UTILITIES (WATER, GAS, SEWER, ETC.) SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND RE-TESTED PRIOR TO RESUMING WORK AND WITH THE APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
10. ALL PIPES PENETRATING THROUGH ROOF, CEILING, FLOOR SHALL BE PROPERLY SEALED WITH THE PROPER MATERIALS.
11. ALL PIPES, FITTINGS, FLANGES AND JOINTS SHALL BE INSTALLED INSIDE THE ROOMS AND FIRE WATER MARKS SHALL BE SHOWN.
12. POLYPROPYLENE RANDOM AND OTHER PLASTIC PIPES AND FITTINGS SHALL CONFORM TO THE DIMENSIONAL REQUIREMENTS OF SCHEDULE 40 SDR PIPE SCHEDULE. THE PIPE SHALL BE 20% TO 25% LARGER AND THE FITTING SHALL BE ONE SIZE LARGER THAN WHAT IS INDICATED IN THE DRAWINGS (SEE SCHEDULE OF EQUIVALENT PIPE DIAMETERS OF PLASTIC AND HOT WATER LINES).
13. POTABLE WATER LINES SHALL BE POLYPROPYLENE RANDOM (PPR) PIPE OF DESIGN COLOURS TO IDENTIFY THE OWNER OF COLD WATER LINE TO HOT WATER LINE.
14. THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY SUCH THAT WHAT IS NOTED IN ONE, ALTHOUGH NOT MENTIONED OR MENTIONED IN THE OTHER SHALL BE CONSIDERED COMPLETED BY ALL.
15. ALL PIPES LOCATED IN DRAWING ARE NOMINAL & IN REFERENCE TO 1/2 INCH NOMINAL DIAMETER.
16. IT IS NOT TO BE AS COMMERCIAL SIZE. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR APPROVAL. WATER PUMP SHALL BE INSTALLED PRIOR TO INSTALLATION. ALL PIPES SHALL CONFORM TO STRUCTURAL SUBMITTAL DETAIL.
17. PUMP ASSEMBLIES SHALL BE CALIBRATED AND TESTED PRIOR TO BE USED AS INDICATED TO SANITARY TECHNICAL SPECIFICATIONS.

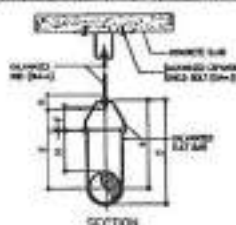
#### GENERAL NOTES:

1. ALL PLUMBING MATERIALS SHALL BE WITH PROPER APPROVAL FROM THE INSPECTION (MATERIALS) DIVISION FOR APPROVAL.
2. VERIFY ALL DIMENSIONS ON SITE.
3. REFER TO CPDMO ARCHITECTS AND ENGINEERS FOR ANY DISCREPANCY WITH THE DRAWING.

#### SCOPE OF WORKS:

1. REPIPING OF WATERLINE AS NOTED IN THE PLAN.
2. REPIPING OF PUMP SYSTEM ASSEMBLY / LAYOUT.
3. SUPPLY AND INSTALLATION OF SET OF TRANSFER PUMP.
4. SUPPLY AND INSTALLATION OF PUMP ASSEMBLY CONTROL PANEL.
5. EXCAVATION, CHIPPING AND RESTORATION WORK.
6. TESTING AND COMMISSIONING.

| PIPE SIZE (mm) | PIPE SIZE (INCH) | THICKNESS IN MM |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----------------|------------------|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                |                  | A               | B  | C  | D  | E  | F  | G  | H  | I  | J  | K  | L  | M  | N  | O  | P  | Q  | R  | S  |  |
| 150            | 6"               | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 200            | 8"               | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 250            | 10"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 300            | 12"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 350            | 14"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 400            | 16"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 450            | 18"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 500            | 20"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 550            | 22"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 600            | 24"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 650            | 26"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 700            | 28"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 750            | 30"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 800            | 32"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 850            | 34"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 900            | 36"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 950            | 38"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1000           | 40"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1050           | 42"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1100           | 44"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1150           | 46"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1200           | 48"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1250           | 50"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1300           | 52"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1350           | 54"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1400           | 56"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1450           | 58"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1500           | 60"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1550           | 62"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1600           | 64"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1650           | 66"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1700           | 68"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1750           | 70"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1800           | 72"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1850           | 74"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1900           | 76"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 1950           | 78"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2000           | 80"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2050           | 82"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2100           | 84"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2150           | 86"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2200           | 88"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2250           | 90"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2300           | 92"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2350           | 94"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2400           | 96"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2450           | 98"              | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2500           | 100"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2550           | 102"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2600           | 104"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2650           | 106"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2700           | 108"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2750           | 110"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2800           | 112"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2850           | 114"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2900           | 116"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 2950           | 118"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3000           | 120"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3050           | 122"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3100           | 124"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3150           | 126"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3200           | 128"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3250           | 130"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3300           | 132"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3350           | 134"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3400           | 136"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3450           | 138"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3500           | 140"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3550           | 142"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3600           | 144"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3650           | 146"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3700           | 148"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3750           | 150"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3800           | 152"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3850           | 154"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3900           | 156"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 3950           | 158"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 4000           | 160"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 4050           | 162"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| 4100           | 164"             | 10              | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |    |    |  |



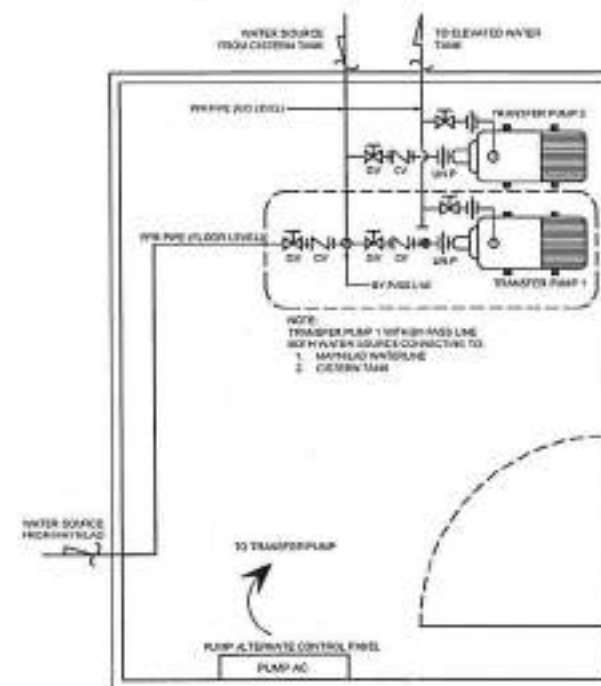
ADJUSTABLE TYPE CLEVIS HANGER

#### LEGEND:

| SYMBOL / DRAWING | ABBREV. | DESCRIPTION       | SPECIFICATION  |
|------------------|---------|-------------------|--|
|                  | TP      | TRANSFER PUMP     | TRANSFER PUMP, HORIZONTAL AND ELECTRICAL COMPLETE WITH PUMP CONTROL PANEL, DRIVING: 3/4 HP, 3 PHASE, 208 V (LINE), ALTERNATING, 1 DUTY, 1 STAND-BY |
|                  | AC      | ALTERNATE CONTROL | FULL VOLTAGE (DIRECT ON LINE) DUPLER TYPE TRANSFER PUMP CONTROLLER (ALTERNATE CONTROL) RATED 3/4 HP, 208V, 3PH, 90%.                               |
|                  | GV      | GATE VALVE        | GATE VALVE, FOR MATERIALS SPECIFICATION  |
|                  | CV      | CHECK VALVE       | CHECK VALVE, BRASS, THREADED TYPE  |
|                  | UNP     | UNION PATENTE     | UNION PATENTE, FOR MATERIALS SPECIFICATION   |
|                  | PL      | PRIMING LINE      | SUCTION PRIMING LINE, UPWARD PRIMING LINE WITH SELF-PRIME PUMP   |

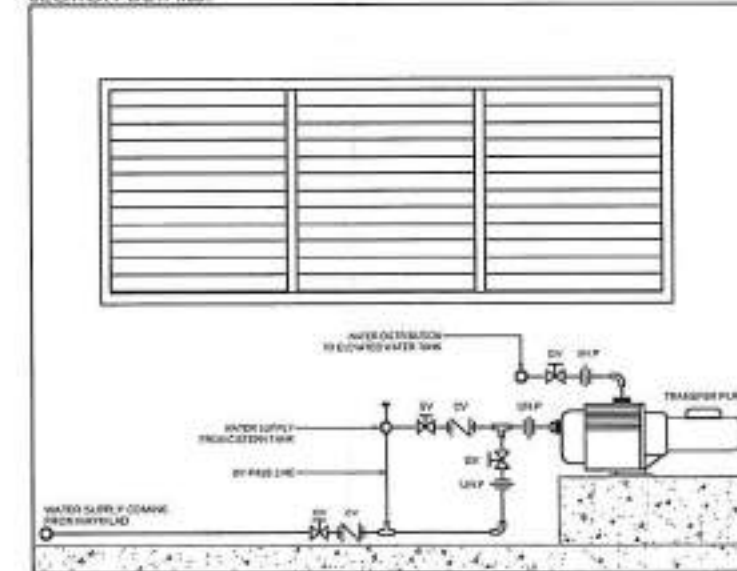


2 REPIPING OF WATERLINE, CALDERON HALL  
P-1 DRAWING NOT TO SCALE



3 CALDERON HALL TRANSFER PUMP LAYOUT  
P-1 DRAWING NOT TO SCALE

#### SECTION DETAILS:



4 BY-PASS LINE CONNECTION DETAILS  
P-1 DRAWING NOT TO SCALE



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**AR. ROSALE G. FLORES-BERNARDO**  
CHIEF, CPDMO  
PREPARED BY:  
**MARCEL V. BERNIA**  
SENIOR ENGINEER  
ASSOCIATE  
**ENGR. ENATO B. BERNIA**  
ENGINEER & ARCHITECT

PROJECT TITLE:  
**PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM AND REPIPING OF WATER LINE, CALDERON HALL & SALCEDO HALL**  
COLLEGE OF MEDICINE  
UNIVERSITY OF THE PHILIPPINES, MANILA

RECOMMENDING APPROVAL:  
**CHARLOTTE M. CHIONG, MD, PhD**  
DEAN, COLLEGE OF MEDICINE  
**MICHAEL L. TEE, MD, MHPed, MBA**  
VICE CHANCELLOR FOR PLANNING AND DEVELOPMENT

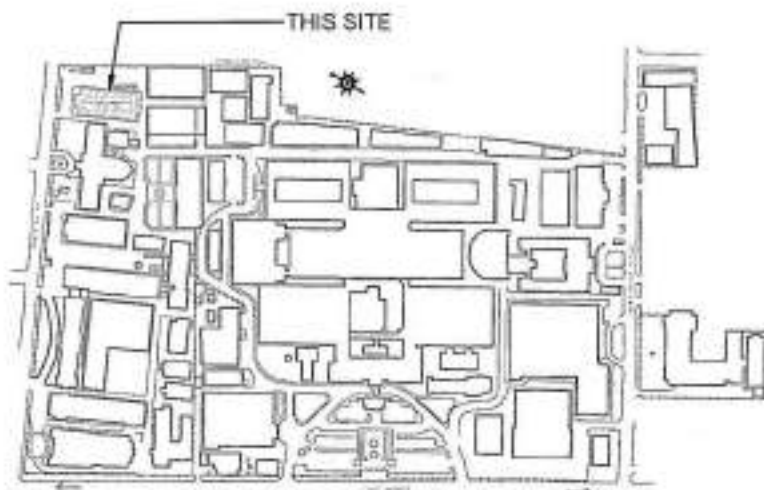
APPROVED:  
**ARLENE A. SAMANIEGO, MD**  
VICE CHANCELLOR FOR ADMINISTRATION

SHOWN CONTENT:  
AS SHOWN

DATE ISSUED:  
DATE COMPLETED:  
REVISION NO./DATE:  
REF. NO.:  
LATEST: LATEST: 1 OF 2  
**P-1**

NOTES: THIS DRAWING AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF CPDMO U.P. MANILA AND SUCH MUST NOT BE REPRODUCED OR COPIED IN OR IN WHOLE WITHOUT PERMISSION.





**1 LOCATION PLAN**  
DRAWING NOT TO SCALE

#### PLUMBING NOTES:

- ALL PLUMBING WORKS AND/OR REPAIRS SHALL BE DONE ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE NATIONAL BUILDING CODE AND THE RULES AND REGULATIONS OF THE AGENCY CONCERNED.
- ALL INSTALLATION WORKS SHALL BE DONE TO THE BEST PRACTICE OF THE PROFESSION SUPERVISED BY A LICENSED SANITARY ENGINEER DURING ALL PHASES OF CONSTRUCTION.
- COORDINATE ALL SANITARY DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE OWNER'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS, REDUCED PROPOSED EXISTENCE OF OTHER TRADES SHALL BE BY PRIOR APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE, FITTING, VALVE AND APPLIANCE. ALL SUCH ITEMS WHICH ARE SPECIFICALLY MENTIONED OR NOT OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED, IF NECESSARY, TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE PLUMBING TRADE AND TO THE SATISFACTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
- EXACT LOCATION OF EXISTING UTILITIES (WATER, SANITARY, SEWER, GAS, ETC.) SHALL BE VERIFIED BY THE CONTRACTOR AT JOBSITE.
- THE PROPOSED WORK SHALL BE MADE TO CONFORM TO THE ACTUAL LOCATION, TAPPING POINT, DEPTH AND INVERT (LEVEL) OF ALL EXISTING PIPES AND STRUCTURES AS RECORDED BY THE CONTRACTOR.
- NO WORK SHALL BE DONE WITH LEAST CARE AND HIGH QUALITY AND SAFETY WITH NO ADVERSE DISRUPTION TO EXISTING UTILITIES AND / OR OPERATION.
- ANY EXISTING UTILITIES EQUIPMENT, PIPES OR PAVED AREAS AFFECTED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION AND BE PROPERLY IDENTIFIED PRIOR TO ACTUAL WORK AND WITH THE APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
- ALL PIPES PENETRATING THROUGH WALLS, CEILING, FLOOR SHALL BE PROPERLY SEALED WITH FIRE RATED MATERIALS.
- ALL PIPES, FITTINGS, FLANGES, AND LADDER RUNS INSTALLED INSIDE THE POSSIBLE AND USE WATER TANKS SHALL BE STAINLESS STEEL.
- POLYETHYLENE GLASS REINFORCED AND OTHER PLASTIC PIPES AND FITTINGS SHALL CONFORM TO THE DIMENSIONAL REQUIREMENTS OF SCH 40S 40 SCH 40S PIPES SIZE 1/2" TO 12" PIPES SHALL BE PN 30 & BE TWO (2) LAYERS AND THE JOINTS SHALL BE ONE (1) LAYER THICKER THAN WHAT IS INDICATED IN THE DRAWINGS FOR SCHEDULE OF EQUIVALENT PIPE DIMENSIONS OF POLYETHYLENE AND HOT WATER (HWT).
- POTABLE WATER LINES SHALL BE POLYETHYLENE GLASS REINFORCED (PEGR) PIPES OF DIFFERENT COLORS TO SEPARATE THE IDENTITY OF COOL WATER LINE TO HOT WATER LINE.
- THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY SUCH THAT WHAT IS NOTED IN ONE, AS LONG AS NOT INDICATED OR MENTIONED IN THE OTHER SHALL BE CONSIDERED COMPLEMENTARY.
- ALL PIPE SIZES INDICATED IN DRAWING ARE NOMINAL & IN REFERENCE TO ITS MINIMUM DIMENSION.
- IT IS NOT TO BE AS COMMERCIAL USE. THE PLUMBING CONTRACTOR SHALL BE SUBMITTER APPROVAL MATERIALS (SAMPLE OF PIPES TO BE INSTALLED PRIOR TO INSTALLATION. ALL PIPE SUPPLY SHALL CONFORM TO S.W.A. STANDARD SPECIFICATIONS.
- PUMP ASSEMBLIES SHALL BE CALIBRATED AND TO BE PIPED TO BE READY TO BE OPERATED TO SANITARY TECHNICAL SPECIFICATIONS.

#### GENERAL NOTES:

- ALL PLUMBING MATERIALS SHALL BE WITH PROPER APPROVAL PRIOR TO INSTALLATION (SUBMIT MATERIAL SAMPLE FOR APPROVAL).
- VERIFY ALL DIMENSIONS ON SITE.
- REFER TO OTHER ARCHITECT AND ELECTRICAL FOR ANY DISCREPANCY WITHIN THE DRAWING.

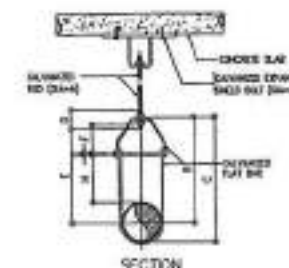
#### SCOPE OF WORKS:

- REPAIRING OF WATER LINE AS INDICATED IN THE PLAN.
- REPAIRING OF PUMP SYSTEM ASSEMBLY, LAYOUT.
- TERMINATION OF PUMP ALTERNATE CONTROL PANEL.
- SUPPLY AND INSTALLATION OF ADDITIONAL SET OF TRANSFER PUMP.
- EXCAVATION, CHIPPING AND RESTORATION WORK.
- TESTING AND COMMISSIONING.

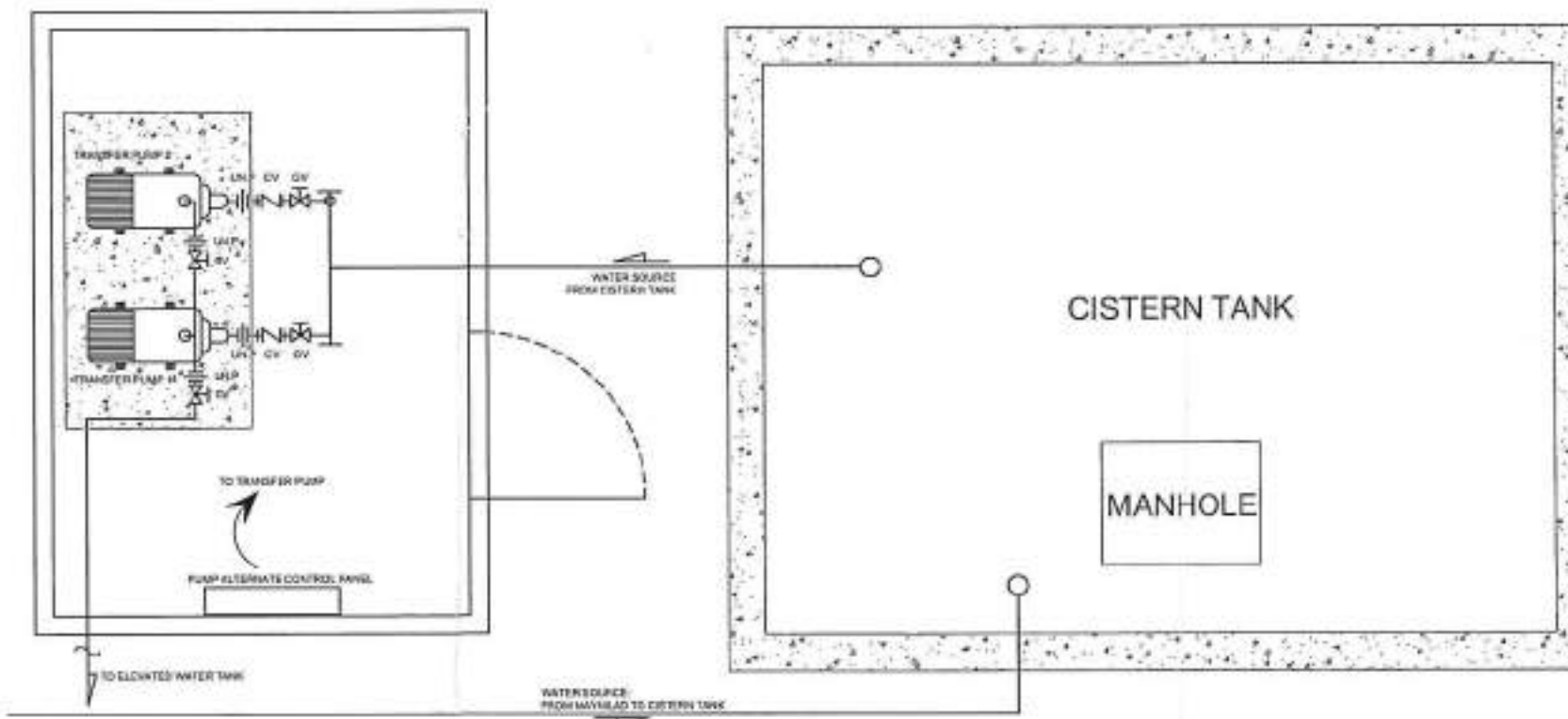
#### LEGEND:

| SYMBOL / DRAWING | ABBV. | DESCRIPTION       | SPECIFICATION   |
|------------------|-------|-------------------|---|
|                  | TP    | TRANSFER PUMP     | TRANSFER PUMP, HORIZONTAL END SUCTION, COMPLETE WITH PUMP CONTROL, PUMP DRIVER, VFD & ACCESSORIES.<br>SHP, 3 PHASE, 230V (LINE), ALTERNATING, 1 OUT, 1 STAND BY |
|                  | AC    | ALTERNATE CONTROL | FULL VOLTAGE DIRECT ON LINE (DOL) TYPE TRANSFER PUMP CONTROLLER (ALTERNATE CONTROL) RATED HP, 230V, 3PH, 400V   |
|                  | GV    | GATE VALVE        | GATE VALVE, HYDRAULIC SPECIFICATION   |
|                  | CV    | CHECK VALVE       | CHECK VALVE, BRASS, THREADED TYPE   |
|                  | UNF   | UNION FITTING     | UNION FITTING, 1/2" OR MATERIALS SPECIFICATION  |
|                  | PL    | PIPED LINE        | SLEIGHT PIPING LINE, UPGRADE PIPING LINE WITH (1) END FLANG   |

| PIPE SIZE (mm) | FLAT BAR SIZE (mm) | SECTION W x H |    |    |    |    |    |    |    |    |    |    |
|----------------|--------------------|---------------|----|----|----|----|----|----|----|----|----|----|
| 6-15           | 20x3               | A             | B  | C  | D  | E  | F  | G  | H  | I  | J  | K  |
| 6-15           | 20x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 16-25          | 25x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 26-35          | 30x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 36-45          | 35x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 46-55          | 40x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 56-65          | 45x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 66-75          | 50x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 76-85          | 55x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 86-95          | 60x3               | 10            | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |



**ADJUSTABLE TYPE CLEVIS HANGER**



**2 SALCEDO HALL TRANSFER PUMP LAYOUT**  
DRAWING NOT TO SCALE



**CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE**  
P. Faura Street, Corrales, Manila  
Tel. No. 525-2233  
Telefax No. 525-4420

**APPROVED:**  
AR. ROSALE G. FLORES-BERNARDO  
CHIEF, CPDMO

**PREPARED BY:**  
MARIE V. ROSA  
JUNIOR ENGINEERING ASSOCIATE

**ENGINEER'S SIGNATURE:**  
ENGR. RENATO R. REMORON  
ENGINEER'S SIGNATURE

**PROJECT TITLE:**  
PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM AND REPIPING OF WATER LINE, CALDERON HALL & SALCEDO HALL

**COLLEGE OF MEDICINE**  
UNIVERSITY OF THE PHILIPPINES MANILA

**RECOMMENDED APPROVAL:**  
CHARLOTTE M. CHIONG, MD, PhD  
DEAN, COLLEGE OF MEDICINE

**APPROVED:**  
MICHAEL L. TER, MD, MPH, MBA  
VICE-CHANCELLOR FOR PLANNING AND DEVELOPMENT

**APPROVED:**  
ARLENE A. SAMANIEGO, MD  
VICE-CHANCELLOR FOR ADMINISTRATION

**SHEET CONTENT:**  
AS-SHOWN

**DATE ISSUED:**  
DATE COMPLETED:  
REVISION NO./DATE:  
REV. NO.:  
DATE: 10/10/18

**SHEET NO.:**  
P-2  
2 OF 2

## ***Section VIII. Bill of Quantities***





**PROJECT :** PROPOSED COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM AND  
 REPIPING OF WATERLINE FOR SALCEDO HALL & CALDERON HALL  
 College of Medicine, University of the Philippines, Manila

**LOCATION :** SALCEDO HALL & CALDERON HALL  
 College of Medicine, University of the Philippines, Manila

**SUBJECT :** BIDFORM

| ITEM        | DESCRIPTION   | QTY.  | UNIT | UNIT COST | TOTAL COST |
|-------------|---|-------|------|-----------|------------|
| <b>1.00</b> | <b>GENERAL REQUIREMENTS</b>   |       |      |           |            |
| 1.01        | Mobilization & Demobilization   | 1.00  | lot  |           |            |
| 1.02        | Temporary Facilities  | 1.00  | lot  |           |            |
| 1.03        | Health and Safety (PPE, Medkit, Medical check-up/testing as required for new normal etc.) | 1.00  | lot  |           |            |
|             | <b>TOTAL GENERAL REQUIREMENTS</b>   |       |      |           |            |
| <b>2.00</b> | <b>SALCEDO HALL, COLLEGE OF MEDICINE - COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM</b>   |       |      |           |            |
|             | Repiping of waterline, Supply & Installation of One (1) Set of Transfer Pump              |       |      |           |            |
|             | <b>Plumbing Works</b>   |       |      |           |            |
| 2.01        | Pumps and Accessories   |       |      |           |            |
|             | Transfer Pump, 5HP, 3-Phase, 230 Volts, Horizontal End Suction                            | 1.00  | set  |           |            |
|             | Foot Valve 2" Ø   | 1.00  | pc/s |           |            |
|             | Gate Valve 2" Ø   | 2.00  | pc/s |           |            |
|             | Check Valve 1 1/2" Ø  | 2.00  | pc/s |           |            |
|             | Gate Valve 1 1/2" Ø   | 2.00  | pc/s |           |            |
|             | PPR Male Union 63mm Ø   | 2.00  | pc/s |           |            |
|             | PPR Male Union 50mm Ø   | 2.00  | pc/s |           |            |
| 2.02        | Transfer Pump Repiping Works - PPR Pipes And Fittings                                     |       |      |           |            |
|             | PPR Pipe 63mm Ø x 4m  | 1.00  | pc/s |           |            |
|             | PPR Pipe 50mm Ø x 4m  | 1.00  | pc/s |           |            |
|             | PPR Pipe 32mm Ø x 4m  | 2.00  | pc/s |           |            |
|             | PPR Elbow 63mm Ø  | 5.00  | pc/s |           |            |
|             | PPR Elbow 50mm Ø  | 4.00  | pc/s |           |            |
|             | PPR Elbow 32mm Ø  | 6.00  | pc/s |           |            |
|             | PPR Tee 63mm Ø  | 1.00  | pc/s |           |            |
|             | PPR Tee 50mm Ø  | 1.00  | pc/s |           |            |
|             | PPR Coupling 32mm Ø   | 4.00  | pc/s |           |            |
|             | PPR Male Adaptor 63mm Ø   | 8.00  | pc/s |           |            |
|             | PPR Male Adaptor 50mm Ø   | 6.00  | pc/s |           |            |
|             | PPR Male Adaptor 32mm Ø   | 4.00  | pc/s |           |            |
|             | Float Valve 1" Ø  | 1.00  | pc/s |           |            |
|             | Gate Valve 1" Ø   | 1.00  | pc/s |           |            |
| 2.03        | Chipping and Restoration Works  |       |      |           |            |
|             | Chipping and Restoration for the repiping of main waterline tapping point                 | 1.00  | lot  |           |            |
|             | <b>TOTAL PLUMBING WORKS (TRANSFER PUMP SYSTEM)</b>  |       |      |           |            |
|             | <b>Architectural Works:</b>   |       |      |           |            |
| 2.04        | Rehabilitation of Pump House  |       |      |           |            |
|             | Supply and Installation of Steel Louver Door (including door jamb)                        | 1.00  | set  |           |            |
|             | Floor concrete topping +300mm elevation   | 1.00  | cu.m |           |            |
|             | Painting Works (including surface preparation)  | 15.00 | sq.m |           |            |
|             | <b>TOTAL ARCHITECTURAL WORKS (PUMP HOUSE)</b>   |       |      |           |            |
|             | <b>TOTAL FOR SALCEDO HALL</b>   |       |      |           |            |

|      |  |       |      |                   |  |
|------|--|-------|------|-------------------|--|
|      |  |       |      |                   |  |
| 3.00 | <b>CALDERON HALL, COLLEGE OF MEDICINE - COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM</b>   |       |      |                   |  |
|      | Repiping of waterline, supply & installation of Two (2) units of Transfer Pump, supply & installation of (1) Set Alternate Control Panel, Electrical wiring works for pump power supply and lightings (labor only) |       |      |                   |  |
|      |  |       |      |                   |  |
| 3.01 | <b>Owner Supplied Materials (OSM) - For Labor Cost Only</b>  |       |      | <b>LABOR COST</b> |  |
|      | 4 set - 12 watts surface pannel LED Daylight recessed type   | N/A   | set  |                   |  |
|      | 1 pc - 2" x 4" PVC Utility Box   | N/A   | pc/s |                   |  |
|      | 20 set - 20mmØ PVC Conduit pipe complete with fittings and accessories   | N/A   | set  |                   |  |
|      | 5 set - 32mmØ PVC conduit pipe complete with fittings and accessories  | N/A   | set  |                   |  |
|      | 50 set - 40mmØ PVC Conduit pipe complete with fittings and accessories   | N/A   | set  |                   |  |
|      | 50 set - 5.5mm² THHN   | N/A   | m    |                   |  |
|      | 70 set - 8.0mm² THHN   | N/A   | m    |                   |  |
|      | 20 bag - Cement  | N/A   | bag  |                   |  |
|      | 4 pcs - Duplex Convenience Universal Outlet  | N/A   | pc/s |                   |  |
|      | 1 pc - Duplex lighting switch  | N/A   | pc/s |                   |  |
|      | 1 set - Float Switch   | N/A   | set  |                   |  |
|      | 8 pcs - Junction Box   | N/A   | pc/s |                   |  |
|      | 8 pcs - PPR Coupling 63mmØ   | N/A   | pc/s |                   |  |
|      | 36pcs - PPR Elbow 63mmØ  | N/A   | pc/s |                   |  |
|      | 3 pcs - PPR Pipe 63mmØ x 4m  | N/A   | pc/s |                   |  |
|      | 2.5 m³ - Sand  | N/A   | m³   |                   |  |
|      | 10 pcs - Tapelon Tape  | N/A   | pc/s |                   |  |
| 3.02 | <b>Total Labor Cost of Owner Supplied Materials (OSM)</b>  |       |      |                   |  |
|      |  |       |      |                   |  |
|      | <b>Plumbing Works</b>  |       |      |                   |  |
| 3.03 | Transfer Pump and Pump Alternate Control Panel   |       |      |                   |  |
|      | Transfer Pump, 5HP, 3-Phase, 230Volts, Horizontal End Suction  | 2.00  | set  |                   |  |
|      | Duplex Type Transfer Pump Controller rated 5HP, 230V, 3-Phase, 60Hz. Complete with molded case circuit breaker, Magnetic Contactor, floatless relay with liquid level.   | 1.00  | set  |                   |  |
| 3.04 | Repiping of Waterline  |       |      |                   |  |
|      | Chipping Works   | 1.00  | lot  |                   |  |
|      | Excavation Works   | 20.00 | mtrs |                   |  |
|      | Restoration Works  | 1.00  | lot  |                   |  |
|      | Hangers and Supports   |       |      |                   |  |
|      | Running Thread 3/8 x 3m  | 10.00 | pcs  |                   |  |
|      | Clevis Hanger 2"   | 20.00 | pcs  |                   |  |
|      | Grip Anchor 3/8  | 20.00 | pcs  |                   |  |
| 3.05 | Repiping of Pump Assembly/Layout   |       |      |                   |  |
|      | PPR Union Patente 63mmØ  | 2.00  | pc/s |                   |  |
|      | PPR Tee Equal 63mmØ  | 4.00  | pc/s |                   |  |
|      | Check Valve (Brass Type) 2"  | 2.00  | pc/s |                   |  |
|      | PPR Male Adaptor 63mmØ   | 4.00  | pc/s |                   |  |
|      | PPR Gate Valve 63mmØ   | 2.00  | pc/s |                   |  |
|      |  |       |      |                   |  |
|      | <b>TOTAL PLUMBING WORKS (TRANSFER PUMP SYSTEM)</b>   |       |      |                   |  |
|      |  |       |      |                   |  |
|      | <b>TOTAL FOR CALDERON HALL</b>   |       |      |                   |  |
|      |  |       |      |                   |  |
|      |  |       |      |                   |  |
|      |  |       |      |                   |  |

| ***SUMMARY***  |   |  |           |
|--|---|--|-----------|
| 1.00   | GENERAL REQUIREMENTS  |  | PhP _____ |
| 2.00   | SALCEDO HALL, COLLEGE OF MEDICINE - COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM  |  | _____     |
| 3.00   | CALDERON HALL, COLLEGE OF MEDICINE - COMPLETION OF AUTOMATIC TRANSFER PUMP SYSTEM |  | _____     |
|  | <b>SUB-TOTAL COST</b>   |  | PhP _____ |
|  | <b>VAT @ 12.00%</b>   |  | PhP _____ |
|  | <b>TOTAL PROJECT COST</b>   |  | PhP _____ |
| Amount in Words : _____  |   |  |           |
| Note:<br>*Indirect Cost (OCM, & Profit) included per item unit cost. Must be reflected in Detailed Unit Price Analysis (DUPA)<br>* Bonds & Securities (including CARI) and power & water supply consumption are considered as overhead expenses while Plans (As-built plan) is considered as miscellaneous expense which are already included in the computation of OCM (mark-up). |   |  |           |

**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:

\_\_\_\_\_  
 \_\_\_\_\_

Position:

\_\_\_\_\_



Company Name:

\_\_\_\_\_  
 \_\_\_\_\_

Date:

## ***Section IX. Checklist of Technical and Financial Documents***

# Checklist of Technical and Financial Documents

| I. TECHNICAL COMPONENT ENVELOPE   |   |
|---|---|
| Class "A" Documents   |   |
| <u>Legal Documents</u>  |   |
|   | (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); <b><u>And</u></b>  |
|   | (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><u>And</u></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><u>And</u></b>   |
|    | (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).  |
| <u>Technical Documents</u>  |   |
|   | (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; <b><u>and</u></b> |
|   | (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) <b><u>and</u></b>   |
|   | (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 SP-TRADE Category E. <b><u>or</u></b> Special PCAB License in case of Joint Ventures; <b><u>and</u></b> registration for the type and cost of the contract to be bid; <b><u>and</u></b>   |
|  | (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; <b><u>or</u></b> Original copy of Notarized Bid Securing Declaration; <b><u>and</u></b>   |
|   | (k) Project Requirements, which shall include the following:  |
|   | <ul style="list-style-type: none"> <li>a. Construction Schedule and S•Curve.</li> <li>b. Manpower Schedule</li> <li>c. Construction methods</li> <li>d. Organizational chart for the contract to be bid;</li> </ul>   |
|   | <ul style="list-style-type: none"> <li>e. List of contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>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;</li> <li>g. Equipment utilization schedule</li> </ul>  |

|   |   |
|---|---|
|   | <p>h. Construction safety and health program</p> <p>i. Certificate of Site Inspection or Affidavit of Site Inspection (Original and Notarized); whichever is applicable. <b><u>and</u></b></p>  |
|   | <p>(l) Original duly signed Omnibus Sworn Statement (OSS); <b><u>and</u></b> 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.</p> <p><b>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's certificate.) Latest format of OSS should be used/submitted. Copy is attached.</b></p> <p>(m) Notarized UP Questionnaire.</p> |
| <b><u>Financial Documents</u></b>       |   |
|   | <p>(n) 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 2021 and 2022) <b><u>and</u></b></p>  |
|   | <p>(o) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).</p>   |
| <b><u>Class "B" Documents</u></b>       |   |
|   | <p>(p) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; <b><u>or</u></b> 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.</p>   |
| <b>II. FINANCIAL COMPONENT ENVELOPE</b> |   |
|   | <p>(q) Original of duly signed and accomplished Financial Bid Form; <b><u>and</u></b></p>   |
|   | <p>(r) Original of duly signed Bid Prices in the Bill of Quantities; <b><u>and</u></b></p>  |
|   | <p>(s) Duly accomplished Detailed Estimates Form Template, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used incoming up with the Bid; <b><u>and</u></b></p>  |
|   | <p>(t) Cash Flow by Quarter.</p>  |

**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 contract to be bid**

Contract to be bid: \_\_\_\_\_  
 Business Name: \_\_\_\_\_  
 Business Address: \_\_\_\_\_

| Name of Client     | a. Owner's Name<br>b. Address<br>c. Telephone<br>Nos. | a. Date Awarded<br>b. Date Started<br>c. Date of<br>Completion<br>d. Contract<br>duration | Title of the<br>Project in the<br>Contract | Nature of<br>Work | Contractor's Role<br>(whether sole<br>contractor,<br>subcontractor, or<br>partner in a JV) |   | % of<br>Accomplishment |        | Total<br>Contract<br>Value at<br>Award | Value of<br>Outstandin<br>g Works/<br>Contract |
|--------------------|---|---|--|-------------------|--|---|------------------------|--------|--|--|
|                    |   |   |  |                   |  |   | Planned                | Actual |  |  |
| <u>Government:</u> |   |   |  |                   | Description  | % |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
| <u>Private:</u>    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        |  |  |
|                    |   |   |  |                   |  |   |                        |        | P                                      | P  |

Important notes:

This statement shall be supported with:

1. Notices of Award and/or Contract
2. Notices to Proceed issued by the owner
3. 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 identifying the bidder’s single largest completed contract similar to the contract to be bid

Business Name :  
Business Address :

| Name of Contract  | a. Owner’s Name<br>b. Address<br>c. Telephone Nos. | Nature of Work | Contractor’s Role |   | a. Amount at Award<br>b. Amount at Completion<br>c. Duration | a. Date Awarded<br>b. Contract Effectivity<br>c. Date Completed |
|-------------------|--|----------------|-------------------|---|--|---|
|                   |  |                | Description       | % |  |   |
| <u>Government</u> |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
| <u>Private</u>    |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |
|                   |  |                |                   |   |  |   |

Note: This statement shall be supported with:

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

Submitted by :  
(Printed Name & 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

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

Business Name : \_\_\_\_\_

Business Address : \_\_\_\_\_

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

Submitted by : \_\_\_\_\_  
(Printed Name & Signature)

Designation : \_\_\_\_\_

Date : \_\_\_\_\_

## Bid Form

---

Date: \_\_\_\_\_ B<sup>4</sup>

N<sup>o</sup>: \_\_\_\_\_

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: *[insert information]*;

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]*;
- (f) 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: \_\_\_\_\_ Signed: \_Duly authorized to sign the Bid for and on behalf of: \_\_\_\_\_ Date:

## Bid-Securing Declaration

(REPUBLIC OF THE PHILIPPINES)

CITY OF \_\_\_\_\_) S.S.

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.

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

***[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]***  
***[Insert signatory's legal capacity]***

Affiant

**SUBSCRIBED AND SWORN** to before me this \_\_\_\_ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. \_\_\_\_.

Witness my hand and seal this \_\_\_\_ day of *[month]* *[year]*.

**NAME OF NOTARY PUBLIC**

**Serial No. of Commission** \_\_\_\_\_

**Notary Public for** \_\_\_\_\_ **until** \_\_\_\_\_

**Roll of Attorneys No.** \_\_\_\_\_

**PTR No.** \_\_, *[date issued]*, *[place issued]*

**IBP No.** \_\_, *[date issued]*, *[place issued]*

**Doc. No.** \_\_\_\_\_

**Page** \_\_\_\_\_ **No.** \_\_\_\_\_

**Book** \_\_\_\_\_ **No.** \_\_\_\_\_

**Series of** \_.

**FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK  
COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)**

1. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of schedule of Fixed Assets.

|    |                           | 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) |               |

- (b) The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:  
NFCC = [( Current assets – Current liabilities ) (15)] minus the value of all outstanding or uncompleted portions of the projects under on- going contracts, including awarded contracts yet to be started coinciding with the contract to be bid. Please show detailed computation including the value of all outstanding / on-going contracts to be deducted from the net working capital)

**NFCC = P** \_\_\_\_\_

Or

Commitment from a licensed bank to extend to it a credit line certificate if awarded the contract in the amount of at least 10% of the proposed project to bid.

Name of Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Herewith attached are certified true copies of the income tax return and audited financial statement stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year and the certificate of commitment from a licensed bank to extend a credit line.

Submitted by:

\_\_\_\_\_  
Name of Supplier/Distributor/Manufacturer

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Signature of Authorized 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 PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_) S.S.

### AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

consanguinity or affinity up to the third civil degree;

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

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



**QUESTIONNAIRE FOR PROSPECTIVE BIDDERS**  
(additional requirement for eligibility)

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

|     |    |
|-----|----|
| YES | NO |
|     |    |

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) |
|------------------------------------|-----------------|-------------------|------------------------------|-------------------------------|
|                                    |                 |                   |                              |                               |
|                                    |                 |                   |                              |                               |
|                                    |                 |                   |                              |                               |
|                                    |                 |                   |                              |                               |

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

|     |    |
|-----|----|
| YES | NO |
|     |    |

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) |
|----------------------------------|-----------------|--------------------------------------|----------------------------|
|                                  |                 |                                      |                            |
|                                  |                 |                                      |                            |
|                                  |                 |                                      |                            |

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

|     |                                     |
|-----|-------------------------------------|
| YES | NO                                  |
|     | <input checked="" type="checkbox"/> |

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) |
|-------------------------------------|-----------------|--------------------------------------|----------------------------|
|                                     |                 |                                      |                            |
|                                     |                 |                                      |                            |
|                                     |                 |                                      |                            |

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

|     |    |
|-----|----|
| YES | 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 |
| <input checked="" type="checkbox"/> |    |

| YES | NO |
|-----|----|
|     |    |

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<br>(On-going /<br>resolved) | Remarks |
|------------|-------------|------------|------------------------------------|---------|
|            |             |            |                                    |         |
|            |             |            |                                    |         |
|            |             |            |                                    |         |

For Personnel

| Name of<br>Personnel &<br>Designation | Case Filed | Where Filed | Date Filed | Status<br>(On-going /<br>resolved) | Remarks |
|---------------------------------------|------------|-------------|------------|------------------------------------|---------|
|                                       |            |             |            |                                    |         |
|                                       |            |             |            |                                    |         |
|                                       |            |             |            |                                    |         |
|                                       |            |             |            |                                    |         |

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

# **Suggested Marking (ITB 21)**

**“Mother Envelop”**

**BIDDER:  
Address**



**Title of Project**

**THE BIDS AND AWARDS COMMITTEE 2  
University of the Philippines Manila  
Taft Avenue, Manila**



**DO NOT OPEN BEFORE \_\_\_\_\_**

## Suggested Marking (ITB 21)

ORIGINAL BID

BIDDER:

Address



Title of Project

THE BIDS AND AWARDS COMMITTEE 2

University of the Philippines Manila

Taft Avenue, Manila



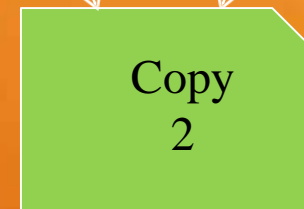
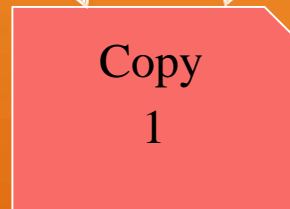
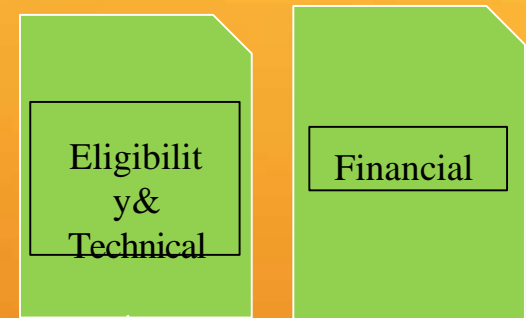
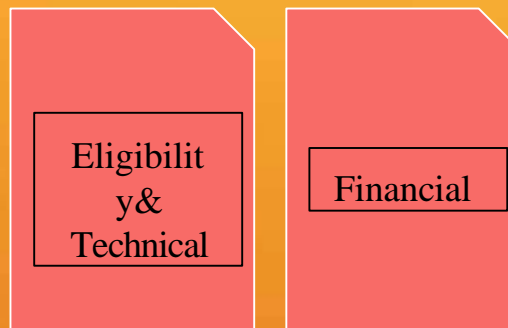
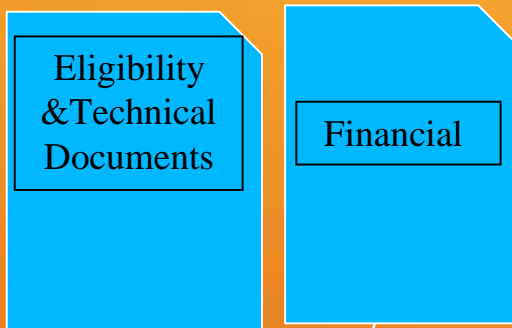
DO NOT OPEN BEFORE \_\_\_\_\_

# PACKAGING

Original

Copy 1

Copy 2



## 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)

a) During bidding: \_\_\_\_\_ Designation in the Company: \_\_\_\_\_

b) 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  
Procurement 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 COVID-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 : [upm-bac2-secretariat@up.edu.ph](mailto:upm-bac2-secretariat@up.edu.ph)  
BAC 3 : [upm-bac3-secretariat@up.edu.ph](mailto: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.

