

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

# **Procurement of INFRASTRUCTURE PROJECTS**

Government of the Republic of the Philippines

*For Project 2025-02i: Upgrading of the Food  
Processing Facility for Bayombong Campus*

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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**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 nonpersonal 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

### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.

# INVITATION TO BID

## ***For Project 2025-02i: Upgrading of the Food Processing Facility***

1. The *Nueva Vizcaya State University*, through the Trust Fund *TF(EFP)* intends to apply the sum of Four Million Eight Hundred Forty-Three Thousand Nine Hundred Forty-One pesos & 82/100 only (*Php4,843,941.82*) being the Approved Budget for the Contract (ABC) to payments under the contract of the project 2025-02i: Upgrading of the Food Processing Facility. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Nueva Vizcaya State University* now invites bids for the above Procurement Project. Completion of the Works is required 120 *calendar days*. Bidders should have completed within two (02) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from *Nueva Vizcaya State University* and inspect the Bidding Documents at the address given below from *Mondays to Fridays, 8:00AM to 5:00PM*.
5. A complete set of Bidding Documents may be acquired by interested bidders starting on February 5, 2025, from given address and website/s below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Php5,000.00*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *through electronic means*.

### **NVSU DBP Solano Branch ACCOUNT No.: 0525-004781-032**

6. The *NVSU* will hold a Pre-Bid Conference<sup>1</sup> on *February 13, 2025 @ 9:00am* at the *Board Room, 3/F New Administration Building, NVSU Bayombong, Campus* and through videoconferencing/webcasting *via Zoom (Meeting ID: 525 793 2135; Password: nvsu@2024)*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before February 25, 2025 at 8:59am. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
9. Bid opening shall be on *February 25, 2025 at 9:00am* at the *Board Room, 3/F New Administration Building, NVSU Bayombong, Campus* and through *via Zoom (Meeting ID: 525 793 2135; Password: nvsu@2024)*. Bids will be opened in the presence of the bidders’ representatives



who choose to attend the activity.

10. The *Nueva Vizcaya State University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**DR. MARITNESS N. MORTERA**  
**MS. DIANNE MARGARETH B. TITO**  
**MS. GLAIZA C. SIERRA**  
**MR. NORBERT R. CALSE**  
**MR. MICHAEL ANGELO F. PEROLINA**  
UBAC Secretariat

UBAC Office, 3<sup>rd</sup> floor New Administration Building,  
NVSU Bayombong Campus,  
Bayombong, Nueva Vizcaya  
Tel. No. 078-321-2112-115 (trunkline)  
Email address: [nvsubacinfra@gmail.com](mailto:nvsubacinfra@gmail.com)

12. You may visit the website:

For downloading of Bidding Documents: [www.nvsu.edu.ph](http://www.nvsu.edu.ph) on February 5, 2025

**JONAR I. YAGO**  
UBAC Chairperson, Infrastructure

## Section II. Instructions to Bidders

### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post qualification, and on the award of contract.

## 1. Scope of Bid

The Procuring Entity, *Nueva Vizcaya State University* invites Bids for the Upgrading Food Processing Facility for Bayombong Campus. with Project Identification Number *Project 2025-02i*.

*[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]*

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

## 2. Funding Information

2.1. The GOP through the Trust Fund (TF-EFP) source of funding as indicated below for *FY2025* in the amount of Four Million Eight Hundred Forty-Three Thousand Nine Hundred Forty-One pesos and 82/100 only (*Php4,843,941.82*).

2.2. The source of funding is:

*[If an early procurement activity, select one and delete others:]*

- a. NGA, the National Expenditure Program.
- b. GOCC and GFIs, the proposed Corporate Operating Budget.
- c. LGUs, the proposed Local Expenditure Program.

*[If not an early procurement activity, select one and delete others:]*

- a. NGA, the General Appropriations Act or Special Appropriations.
- b. GOCC and GFIs, the Corporate Operating Budget.
- c. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

## 3. Bidding Requirements

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

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

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

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

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

#### **5. Eligible Bidders**

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

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

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

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

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

#### **6. Origin of Associated Goods**

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

#### **7. Subcontracts**

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

The Procuring Entity has prescribed that:  
[Select one, delete other/s]

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed fifty percent (50%) of the contracted Works.
- b. Subcontracting is not allowed.

7.1. *[If Procuring Entity has determined that subcontracting is allowed during the bidding , state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterion stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

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

## **8. Pre-Bid Conference**

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address *{[insert if applicable]}* 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. In joint ventures, a special PCAB License, and registration for the type and cost of the contract for this Project, shall be required. 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:*

*[Select one, delete other/s]*

- a. Philippine Pesos.
- b. *[indicate currency if procurement involves a foreign-denominated bid as allowed by the Procuring Entity, which shall be tradeable or acceptable by the BSP.]*

## **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 from the bid opening]*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## **16. Sealing and Marking of Bids**

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

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

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

## **17. Deadline for Submission of Bids**

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

## **18. Opening and Preliminary Examination of Bids**

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

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

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

## **19. Detailed Evaluation and Comparison of Bids**

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

### **Notes on the Bid Data Sheet (BDS)**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

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

# Bid Data Sheet

ITB Clause									
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: Upgrading of the Food Processing Facility for Bayombong Campus. <i>[provide description/clarification of what are major categories of work].</i>								
7.1	<i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i>								
10.3	<i>[Specify if another Contractor license or permit is required.]</i>								
10.4	The key personnel must meet the required minimum years of experience set below:  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><u>Key Personnel</u></td> <td style="width: 25%;"><u>General Experience</u></td> <td style="width: 25%;"><u>Relevant Experience</u></td> <td style="width: 25%;"><u>Civil</u></td> </tr> <tr> <td>Engineer</td> <td></td> <td></td> <td></td> </tr> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	<u>Civil</u>	Engineer			
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	<u>Civil</u>						
Engineer									
10.5	The minimum major equipment requirements are the following:  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><u>Equipment</u></td> <td style="width: 33%;"><u>Capacity</u></td> <td style="width: 33%;"><u>Number of Units</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>					
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>							
12	<i>[Insert Value Engineering clause if allowed.]</i> Not applicable.								
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <p style="margin-left: 40px;">a. The amount of not less than Ninety-Six Thousand Eight Hundred Seventy-Eight pesos and 84/100 only (<u>Php96,878.84</u>) <i>[Insert two percent (2%) of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p style="margin-left: 40px;">b. The amount of not less than Two Hundred Forty-Two Thousand One Hundred Ninety-Seven pesos and 09/100 only (<u>Php242,197.09</u>) <i>[Insert five percent (5%) of ABC]</i> if bid security is in Surety Bond.</p>								
19.2	Partial bids are allowed, as follows: <i>[Insert grouping of lots by specifying the items and the quantity for every identified lot.]</i> Not Applicable								
20	<i>[List licenses and permits relevant to the Project and the corresponding law requiring it, e.g. Environmental Compliance Certificate, Certification that the project site is not within a geohazard zone, etc.]</i>								
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program (CSHP) approved by the DOLE, and other acceptable tools of project scheduling.								

## **Section IV. General Conditions of Contract**

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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**

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

## **6. Site Investigation Reports**

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

## **7. Warranty**

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

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

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

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

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

## **10. Dayworks**

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

## **11. Program of Work**

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

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

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

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

## **13. Advance Payment**

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

## **14. Progress Payments**

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

**15. Operating and Maintenance Manuals**

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

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

## Section V. Special Conditions of Contract

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.



# Special Conditions of Contract

GCC Clause	
2	<i>[If different dates are specified for completion of the Works by section, i.e. “sectional completion,” these dates should be listed here.]</i>
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i>
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i> Not Applicable
7.2	<i>[Select one, delete the other.]</i>  <i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.
10	<i>[Select one, delete the other:]</i>  a. Dayworks are applicable at the rate shown in the Contractor’s original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative within <i>seven (7)</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> . Not Applicable.
13	The amount of the advance payment is <i>[insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment]</i> . 15% advance payment.
14	<i>[If allowed by the Procuring Entity, state:]</i> Materials and equipment delivered on the site but not completely put in place shall be included for payment. Not Applicable.
15.1	The date by which operating and maintenance manuals are required is <i>[date]</i> . Not Applicable. The date by which “as built” drawings are required is <i>[date]</i> . Upon final billing.
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>[amount in local currency]</i> . Not Applicable.

# Section VI. Specifications

## **Notes on Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

## **Section VII. Drawings**

*[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]*

# Section VIII. Bill of Quantities

## Notes on the Bill of Quantities

### Objectives

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

### Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

### Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

### Signature Box

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized Representative of the his/her signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be rejection of his/her bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person preparing the Bidding Documents. They should not be included in the final documents.

CONTRACTOR'S HEADINGS

Project: **UPGRADING OF THE FOOD PROCESSING FACILITY**  
 Location: **NVSU Bayombong Campus, Bayombong, Nueva Vizcaya**  
 ABC: **P4, 843, 941.82**  
 Project Duration: **120 CD**

**BILL OF QUANTITIES**

ITEM	DESCRIPTION OF WORK	%	UNIT	QTY	UNIT COST	AMOUNT
<b>Part I</b>						
<b>OTHER GENERAL REQUIREMENTS</b>						
B.3 (1)	Permits and Clearances		LS	1.00		
B.5 (1)	Project Billboard / Signboard		each	1.00		
B.7 (2)	Occupational Safety and Health Program		LS	1.00		
B.16 (1)a	Recognition Plate		each	1.00		
B.16 (1)b	Building Marker (Building Name)		Set	1.00		
<b>Part II</b>						
<b>CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS</b>						
<b>Part A</b>						
<b>EARTHWORKS</b>						
800 (2)	Clearing (Site Clearing)		LS	1.00		
800 (3)b	Individual Removal of Trees, (301mm - 500mm Ø)		Each	4.00		
801(1)	Removal of Structures and Obstruction		LS	1.00		
803 (1)a	Structure Excavation, Common Soil (Manual)		cu.m.	51.51		
804(1)a	Embankment From Structure Excavation		cu.m.	30.90		
804(2)a	Embankment From Borrow, Sand and Gravel		cu.m.	90.00		
804 (7)	Gravel Fill		cu.m.	8.20		
<b>Part B</b>						
<b>PLAIN AND REINFORCED CONCRETE WORKS</b>						
900(1)	Structural Concrete, (Class A, 1:2:3), 28 days		cu.m.	35.37		
902(1)a1	Reinforcing Steel (Deformed), Grade 40		kg	1,818.32		
903 (2)	Formworks and Falseworks		LS	1.00		
<b>Part C</b>						
<b>FINISHINGS AND OTHER CIVIL WORKS</b>						
1001 (8)	Sewer Line Works		LS	1.00		
1001 (9)	Storm Drainage and Downspout		LS	1.00		
1002 (4)	Plumbing Fixtures		LS	1.00		
1002 (24)	Cold Water Lines		LS	1.00		

1003(1)e	Ceiling, Metal Frame, Prepainted Metal Panel		sq.m.	23.00		
1003(1)f	Ceiling, Metal Frame, PVC Panel (Aluminum Metal Cladding)		Sq.m.	96.60		
1003(2)d	Wall (Aluminum Metal Cladding)		Sq.m.	144.00		
1003(2)e	Wall (PVC Strip Curtain)		LS	1.00		
1003(12)	Fascia Board, Metal		kg	191.70		
1003(17)	Carpentry and Joinery Works		LS	1.00		
1004(2)	Finishing Hardware		LS	1.00		
1006(5)	Steel Doors and Frames		LS	1.00		
1008(1)c	Aluminum Glass Windows, Awning Type		sq.m.	2.70		
1013(2)a	Fabricated Metal Roofing Accessory, Ridge Rolls		Ln.M.	6.00		
1013(2)b	Fabricated Metal Roofing Accessory, Flashing		Ln.M.	24.00		
1013(2)c	Fabricated Metal Roofing Accessory, Gutters		L.m.	6.20		
1014(1)b2	Prepainted Metal Sheets, above 0.427mm, Rib type, Long Span		sq.m.	76.88		
1018(2)	Unglazed Tiles		sq.m.	51.67		
1018(5)	Glazed Tiles		sq.m.	50.95		
1027(1)	Cement Plaster Finish		sq.m.	314.03		
1032(1)a	Painting Works, Masonry/Concrete		sq.m.	370.49		
1032(1)a1	Painting Works, Concrete Flooring		sq.m.	242.25		
1032(1)c	Painting Works, (Metals)		sq.m.	235.14		
1026(1)a	Polycarbonate Sheets/Panels		Ln.M.	96.08		
1038(1)	Reflective Insulation,		sq.m.	74.40		
1046(2)a1	CHB Non Load Bearing (including RSB), 100mm		sq.m.	240.63		
1047(8)a	Structural Steel, Trusses		kg	2,337.24		
1047(8)b	Structural Steel, Purlins		kg	374.40		
1047(2)	Metal Structure		LS	1.00		
1051(1)a	Railings		LS	1.00		
<b>Part D</b>	<b>ELECTRICAL WORKS</b>					
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)		LS	1.00		
1101 (33)	Wires and Wiring Devices		LS	1.00		
1102 (1)	Panelboard with Main & Branch Breakers		LS	1.00		
1103(1)	Lighting Fixtures		LS	1.00		
1109(1)	Grounding System		LS	1.00		
1111(9)	3 Spool Insulator Secondary Rack		LS	1.00		

<b>Part E</b>	<b>MECHANICAL WORKS</b>					
1200(1)	Ventilating Equipment		LS	1.00		
1201(1)	Water Pumping System		LS	1.00		
1202(6)a2	Fire Extinguisher, 9.07kg, ABC with Bracket		Set	2.00		
1208(1)	Fire Alarm System		LS	1.00		
ESTIMATED PROJECT COST (PHP):						

Signed and sealed by:

\_\_\_\_\_  
Civil Engineer  
PRC No.: \_\_\_\_\_ Valid Until: \_\_\_\_\_  
PTR No.: \_\_\_\_\_ Issued On: \_\_\_\_\_  
Issued at: \_\_\_\_\_ TIN No.: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Contractor's Representative

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Permit and Clearances  
 Item No.: B.3(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Unskilled (Liason Officer)				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	<b>For the Building Permit</b>				
	BFP Permit (0.10% of the Total Cost)				
	Miscellaneous (0.05% of the Total Cost)				
	Professional Fees				
	Professional Electrical Engineer (PEE), REE, ME, ECE				
	Master Plumber				
	Architect/ Civil Engineer				
	<b>For Occupancy Permit</b>				
	BFP Permit (0.10% of the Total Cost)				
	Miscellaneous (0.05% of the Total Cost)				
	Professional Fees				
	Professional Electrical Engineer (PEE), REE, ME, ECE				
	Master Plumber				
	Architect/ Civil Engineer				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		N/A
I.	Contractor's Profit (CP)		10%, 8% of G		N/A
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Project Billboard/Signboard  
 Item No.: B.5(1)  
 Unit of Measurement: each  
 Output per Hour: \_\_\_\_\_ LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a	Leadman				
b	Skilled Laborer				
c	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Tarpaulin, 4' x 8' (DPWH Standard)	sq. ft.	32.00		
	NOTE: Tarpaulin billboard shall be posted on the frontage wall of the building.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Occupational Safety and Health Program  
 Item No.: B.7(2)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_ LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Safety Practitioner/ Officer (Part time)	1			
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
<b>PPE (Quantity and Unit Cost shall be in accordance with the DOLE Guidelines)</b>					
a.	Safety Helmets	MD			
b.	Safety Gloves (Rubber palm Orange 90g)	MD			
c.	Safety Shoes	MD			
d.	Safety Vest	MD			
e.	Body Harness and Lanyard	MD			
f.	Dust Mask	MD			
g.	Eye Goggles	MD			
h.	Ear Muff	MD			
i.	Rubber Boots	MD			
J.	Consumables (various medicines, etc.)	LS			
<b>Signage &amp; Baricades:</b>					
k.	PPE signage (4' x 8')	set	1.00		
l.	Safety First (4' x 4')	set	1.00		
m.	Warning Signs (2' x 3')	set	6.00		
n.	Caution Tape, 100ft	roll	2.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		N/A
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Recognition Plate  
 Item No.: B.16(1)a  
 Unit of Measurement: each  
 Output per Hour: \_\_\_\_\_ each

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		each		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Stainless Recognition Plate, 40cm x 60cm (engraved) complete with content (refer to Infra Unit) and Fasteners.	each	1.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Building Marker (Building Name)  
 Item No.: B.16 (1)b  
 Unit of Measurement: set  
 Output per Hour: \_\_\_\_\_ set

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Stainless 3D Building Marker (FOOD PROCESSING CENTER)	Set	1.00		
	includes fasteners. Refer to plan on the actual size.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Clearing (Site Clearing)  
 Item No.: 800 (2)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Clearing of the building premises (This include removal accumulated various dirt within the building site)				
a.	Leadman				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Individual Removal of Trees, (301mm-500mmØ)  
 Item No.: 800 (3)b  
 Unit of Measurement: each  
 Output per Hour: \_\_\_\_\_ each

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
For the removal of Mango Tree in front the building and at the rear including disposal.					
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
This includes cutting into liftable length, turnover and disposal of waste (leaves and branches).					
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Backhoe, 0.80cu.m.	1			
	Dump Truck, 12 cu/Yd	1			
	Chain Saw (with DENR Permit)	1			
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		each		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Nylone Rope, 20mm Ø	m	20		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Removal of Structures and Obstruction  
 Item No.: 801 (1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	1. Demolition of Masonry Walls including attached doors. (See Plan for Location)				
	2. Removal of Windowpanes and screen (See Plan for Location)				
	3. Removal of Canal Trench Cover inside the Building and Cleaning the Drainage Area.				
	4. Removal of portion of SOF for the installation of new drainage trench as shown on plan.				
	5. Removal of other obstructions as directed by the NVSU engineers.				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Jack Hammer	2			
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	NOTE:				
	1. All removal works shall be coordinated to the NVSU Engineers before commencing any removal works.				
	2. All debris shall be removed immediately on the floor areas.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Structure Excavation, Common Soil (Manual)  
 Item No.: 803(1)a  
 Unit of Measurement: cu.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	LM1 & 2: 18.10				
	Ex. Wall Footing: 18.12				
	Int. Wall Footing: 6.62				
	Grease Trap Tank: 1.62				
	Insp. Box: 3.00				
	Drainage Trench 2.70				
	Sewer Lines 1.35				
	<b>TOTAL: 51.51 cu.m</b>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Embankment from Structure Excavation  
 Item No.: 804(1)a  
 Unit of Measurement: cu.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Plate Compactor (5 hp)	1			
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Embankment from Borrow, Sand and Gravel  
 Item No.: 804(2)a  
 Unit of Measurement: cu.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Plate Compactor (5 hp)	1			
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Common Borrow (Mixed Sand and Gravel) (w/ 25% shrinkage factor)	cu.m.	1.25		
	<b>QTY: 90 Cu.m.</b>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Gravel Fill  
 Item No.: 804(7)  
 Unit of Measurement: cu.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Gravel Materials, G-1, (w/ 5% Shrinkage Factor)	cu.m.	1.05		
	<b>QTY: 8.20 Cu.m.</b>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Structural Concrete, (Class A, 1:2:3), 28 days  
 Item No.: 900(1)  
 Unit of Measurement: cu.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	One Bagger Concrete Mixer	1			
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Screened Gravel, G-1	cu.m.	1.00		
b.	Screened Sand, S-1	cu.m.	0.50		
c.	Portland Cement	bags	9.05		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Reinforcing Steel (Deformed), Grade 40  
 Item No.: 902 (1)a1  
 Unit of Measurement: kg  
 Output per Hour: \_\_\_\_\_

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
a.	Bar Cutter	1			
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		kg		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Deformed Reinforcing Steel, Grade 40	kg	1.00		
b.	Galvanized Iron Tie Wire #16	kg	0.015		
	Consumables (5% of Materials Cost)				
	Scope:				
	1. Column Footing, Column, and pedestal				
	2. Wall footing				
	3. Beams				
	4. SOF including ramps.				
	5. Catch Basin, etc.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Formworks and Falseworks  
 Item No.: 903 (2)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Installation				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
	Stripping				
a.	Leadman				
b.	Unskilled Laborer				
<b>Sub Total (A)</b>					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Area = 28.52 sq.m.				
a.	H-Frame Set (1.70m x 1.20m), and GI Pipe w/ Clamps (Lump Sum)				
	<b><i>H-Frame shall be complete with the following:</i></b>				
	2 pcs H-Frames				
	4 pcs diagonal cross braces				
	4 pcs Horizontal cross braces				
	8 pcs joint pins				
<b>SUB TOTAL (B)</b>					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Phenolic Board (0.019m x 1.4m x 2.44m) - 3 uses	pcs	8.000		
b.	Good Lumber - 3 uses	bd ft	159.960		
c.	Assorted Common Wire Nails	kg	6.00		
d.	Consumables (5% of Materials Cost)				
<b>Sub Total (F)</b>					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Sewer Line Works  
 Item No.: 1001 (8)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	4" dia. uPVC Pipe S1000	pc	30.00		
	4" x dia. uPVC Clean Out with plug	pc	4.00		
	4" dia. uPVC Elbow	pc	16.00		
	4" dia. uPVC 45deg Bend with plug	pc	2.00		
	4" dia. uPVC Wye	pc	7.00		
	4" dia. uPVC Socket	pc	6.00		
	4" x 2" dia. uPVC Wye Reducer	pc	30.00		
	2" dia. uPVC Pipe S1000	pc	16.00		
	2" dia. uPVC CO with plug	pc	6.00		
	2" dia. uPVC Elbow	pc	64.00		
	2: dia. uPVC Tee	pc	24.00		
	2" dia. uPVC P-trap with plug & seal	pc	24.00		
	PVC solvent, 400ml	can	8.00		
	Misc. (pipe clamp, hangers, pipe support system)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Storm Drainage and Downspout  
 Item No.: 1001 (9)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	4" uPVC Pipe, -S-1000	pcs	12		
b.	uPVC Elbow, 4" Ø	pcs	10		
c.	PVC Sealant, 400ml	can	2		
	<b>Note:</b>				
	<i>Coordinate with PPSDS Infrastructure personnel for assistance with Drainage System along the Site before installation, excavation or other related works with Plumbing System</i>				
	<b>Scope:</b>				
	<i>Downspout to Proposed Canal</i>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Plumbing Fixtures  
 Item No.: 1002 (4)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	SS Flexible Hose for Kitchen Sink, 1/2" Ø x 60cm	set	16.00		
	Angle Valve, 1/2" Ø - WC	set	16.00		
	Brass Hose Bibb Faucet, 1/2" Ø	set	2.00		
	<b>iTogether Floor Drain 304 Stainless Steel, 10xm x 50cm w/ Self Closing Deodorant Core</b>	Set	12.00		
	Consumables (Teflon Tape, Sealant, etc.)				
	NOTE:				
	Sink shall be complete with faucets and other accessories. Refer to the sample to be provided by the NVSU arch/engr.				
	Sink shall as be shown on this link: <a href="https://shope.ee/6VOLT8U47Q">https://shope.ee/6VOLT8U47Q</a>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Cold Water Lines  
 Item No.: 1002 (24)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	<b>Materials</b>				
	<b>All PPR Pipes Shall be PN 20</b>				
	PPR Pipes, 32mm Ø	pc	8.00		
	PPR Pipes, 25mm Ø	pc	18.00		
	PPR Pipes, 20mm Ø	pc	10.00		
	Gate/Ball Valve, 32mm Ø	pc	1.00		
	Gate/Ball Valve, 25mm Ø	pc	2.00		
	Check Valve, 32mm Ø	pc	1.00		
	Union Patente, 32mm Ø	pc	2.00		
	Tee, 25mm Ø	pc	2.00		
	Tee Reducer, 25mm x 20mm Ø	pc	20.00		
	Tee Reducer, 32mm x 25mm Ø	pc	3.00		
	Female Threaded Tee, 20mm Ø	pc	20.00		
	Elbow, 32 Ø - 90deg	pc	1.00		
	Elbow, 25 Ø - 90deg	pc	2.00		
	Elbow, 20 Ø -90deg	pc	22.00		
	Miscellaneous (fittings for tapping and accessories, etc.)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Ceiling, Metal Frame, Prepainted Metal Panel  
 Item No.: 1003(1)e  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Perforated Prepainted Metal Ceiling Panel, 0.60mm thickx100mm	sq.m.	1.000		
	Double Metal Furring, 0.60mm X 19mm X 50mm x 5m	pc	1.131		
	Carrying Channel, 0.80mm X 12mm x 38mm x 5m	pc	0.357		
	End Moulding, 0.60mm x 6" x 2.40m (Pre-painted)	pc	0.833		
	Blind Rivet, 1/8" x 1"	pc	14.000		
	Black Screws, 1"	pc	6.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Ceiling, Metal Frame, PVC Panel (Aluminum Metal Cladding)  
 Item No.: 1003(1)f  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PVC Ceiling Panel, Trio Series, 8mm Thick X 250mm Wide	Sq.m.	1.00		
	Double Metal Furring Channel , 0.60mm x 19mmx50mmx5m	pc	1.13		
	Carrying Channel, 1.00mm x 12mm x 38mm x 5m	pc	0.36		
	Tubular, 1.50mm x 2" x 2" x 6m (for Ceiling runner)	pc	0.17		
	Angle Bar, 3mm x 1 ¼" x 1 ¼" x 6.0m (in place of wall angles)	pc	0.24		
	Hanger Bars/Rod	pc	1.00		
	Channel W-Clip	pc	6.00		
	Blind Rivets	pc	14.00		
	1" Metal Screw	pc	4.00		
	Miscellaneous (H-Clip and End Clip)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Wall (Aluminum Metal Cladding)  
 Item No.: 1003(2)d  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
<b>A.</b>	Labor				
<b>a.</b>	Leadman				
<b>b.</b>	Skilled Laborer				
<b>c.</b>	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
<b>B.</b>	Equipment				
	Minor Tools				
SUB TOTAL (B)					
<b>C.</b>	Total (A + B)				
<b>D.</b>	Output per Hour		Sq.m		
<b>E.</b>	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
<b>F.</b>	Materials				
<b>a</b>	Aluminum Composite Panel, 4mm thick of Approved Color	Sq.m.	1.05		
<b>b</b>	Black Metal Screw, 1"	pc	6		
<b>c</b>	Blind Rivets	pc	14		
	Consumables (Flat sheet for anchoring, Silicon Sealant, etc.)				
Sub Total (F)					
<b>G.</b>	Direct Unit Cost (E + F)		(E + F)		
<b>H.</b>	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
<b>I.</b>	Contractor's Profit (CP)		10%, 8% of G		
<b>J.</b>	Value Added Tax (Vat)		5% of (G+H+I)		
<b>K.</b>	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Wall (PVC Strip Curtain)  
 Item No.: 1003(2)e  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	<b>a.</b> Leadman				
	<b>b.</b> Skilled Laborer				
	<b>c.</b> Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PVC STRIP CURTAINS, 300mm x 2mm x 3m (Clear) w/ Stainless Hanging Rail including screws etc. Min. of 5pc strips/m.	Ln.M.	28		
	PVC STRIP CURTAINS, 200mm x 2mm x 4m (Clear) w/ Stainless Hanging Rail including screws, etc. Min. of 6pcs strips/m.	Ln.M.	12		
	NOTE: 1. Use anti-bacterial strips/sheets.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fascia Board, Metal  
 Item No.: 1003(12)  
 Unit of Measurement: kg  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Welding Machine, Inverter Type, 300A	2			
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Structural Steel Purlins, 1.50mm x 2" x 6" (2 Layers for FB)	kg	1.05		
b.	Welding Rod, E 6013	kg	0.02		
	Consumables				
	<b>NOTE:</b>				
	Fascia Board shall be 2 layers of 1.50 x 65mm x 150mm C-purlins properly welded & provided with adequate anchorage.				
	All fascia board surfaces shall be painted with epoxy primer paints before and after welding works.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Carpentry and Joinery Works  
 Item No.: 1003 (17)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Included in the Material Cost				
<b>Sub Total (A)</b>					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Included in the Material Cost				
<b>SUB TOTAL (B)</b>					
C.	<b>Total (A + B)</b>				
D.	Output per Hour		LS		
E.	<b>Direct Unit Cost (C/D)</b>				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	<b>Furnishing of pre-fabricated of the following:</b>				
a	SS Preparation Table, Double Deck, 60cm x 80cm x 150cm	Set	8		
b	SS Workbench/worktop with Storage Rack & sliding door, 60cm x 80cm x 120cm (Refer to approved samples)	Set	10		
c.	SS Preparation Table, Triple Deck, 60cm x 80cm x 240cm w/ SS sliding doors.	Set	4		
D.	SS Kitchen Cabinet Sink with Cabinet Lockers, multiple shelves, and compartment including goose neck Faucets, 60/80/150cm	Set	9		
	NOTE: All indicated item above shall be subject for approval of the end user.				
<b>Sub Total (F)</b>					
G.	<b>Direct Unit Cost (E + F)</b>		<b>(E + F)</b>		
H.	<b>Overhead, Contingencies &amp; Miscellaneous (OCM) Expenses</b>		15%,12%,10%,8% of G		
I.	<b>Contractor's Profit (CP)</b>		10%, 8% of G		
J.	<b>Value Added Tax (Vat)</b>		5% of (G+H+I)		
K.	<b>Total Unit Cost</b>		<b>(G + H + I + J)</b>		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Finishing Hardware  
 Item No.: 1004(2)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
<b>a.</b>	Labor Cost for this items are to be considered/included in the installation of doors				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
<b>a.</b>	Stainless Steel Doorknob, Schlage or equivalent	Set	9.00		
<b>b.</b>	Hydraulic Door Closer, Yale 2000V Series	Set	5.00		
<b>c.</b>	Solid Brass Door MutHinge, 4 Inch	pc	27.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Steel Doors and Frames  
 Item No.: 1006 (5)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Hygienic Food Graded Door w/ Lockset, Window & Kickplate on both side (3set D-1, 1 set D-2, 2 set D-3, 1 set D-5)	Sq.m.	18.06		
	Plain Steel Door, G.I. Ga. 18, 44mm thick w/ Paper Honeycomb				
	Insulation, 2"x 4" Ga. 16, with 4 pcs Stainless Steel Flag Hinges and complete lockset. 2 set D-4	Sq.m.	7.74		
	NOTE:				
	<b>All doors shall be provided with door jamb.</b>				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Aluminum Glass Window, Awning Type  
 Item No.: 1008 (1)c  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Aluminum Powder Coated Framed Glass Windows, Sliding Type, Frame: 1.0mm thk., 1/4" thk Tinted Glass w/ complete accessories	sq.m.	1.00		
	Consumables (3% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost			(G + H + I + J)	

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fabricated Metal Roofing Accessory, Ridge Rolls  
 Item No.: 1013(2)a  
 Unit of Measurement: ln.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Ln.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Pre-painted Ridge Roll, GA 24 (0.701mm) x 2.44m	m	1.05		
b.	Tek screw/Blind Rivets	pc	19.00		
	Consumables (5% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fabricated Metal Roofing Accessory, Flashing  
 Item No.: 1013(2)b  
 Unit of Measurement: ln.m  
 Output per Hour: \_\_\_\_\_ ln.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Ln.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Pre-painted Flashing, GA 24 (0.701mm) x 2.44m	m	1.05		
b.	Blind Rivets	pc	19.00		
	Consumables (5% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fabricated Metal Roofing Accessory, Gutters  
 Item No.: 1013(2)c  
 Unit of Measurement: ln.m  
 Output per Hour: \_\_\_\_\_ ln.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Ln.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Pre-painted Gutter, Gauge 24 (0.701mm) x 2.44m	m	1.05		
	12" x 1" Flat Bar Strap	pc	3.00		
	Blind Rivets	pc	19.00		
	Consumables (5% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work:      Prepainted Metal Sheets, above 0.427mm, Rib type, Long Span  
 Item No.:                    1013(2)b2  
 Unit of Measurement:      sq.m  
 Output per Hour:           \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Pre-painted Metal Sheets, Twin Rib type, Long Span, 0.50mm	sq.m.	1.05		
b.	Tekscrew with rubber washer, 2 1/2"	pc	14.00		
	Consumables (3% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Unglazed Tiles  
 Item No.: 1018(2)  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Ceramic Unglazed Tiles, Approved Size and Column	sq.m.	1.05		
b.	Portland Cement, 40kg/bag	bag	0.325		
c.	Screened Sand, S-1	cu.m.	0.026		
d.	Tile Grout, 2kg/bag	bag	0.125		
e.	Smart Bond Tile Adhesive (25kg)	bag	0.143		
	Use Thin Bed Method. Do not use dry pack method.				
	Garbage Disposal Area: 14.40				
	Entrance and Ramp Area: 37.27				
	<b>TOTAL: 51.67</b>	<b>sq.m</b>			
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Glazed Tiles  
 Item No.: 1018(5)  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Ceramic Glazed Tiles	sq.m.	1.05		
b.	Portland Cement, 40kg/bag	bag	0.325		
c.	Screened Sand, S-1	cu.m.	0.026		
d.	Tile Grout, 2kg/bag (Match Color w/ Tiles)	bag	0.125		
e.	Smartbond Tile Adhesive (25kg)	bag	0.143		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Cement Plaster Finish  
 Item No.: 1027(1)  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Portland Cement, 40kg/bag	bag	0.33		
b.	Screened Sand, S-1	cu.m.	0.027		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Painting Works, Masonry/Concrete  
 Item No.: 1032(1)a  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a	Flat Latex Paint, White	gal	0.04		
b	Patching Compound/Skim Coat	gal	0.05		
c	Semi-Gloss Latex (two coats only)	gal	0.08		
	Consumables (5% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Painting Works, Concrete Flooring  
 Item No.: 1032(1)a1  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_ sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Epoxy Penetrating Sealer	gal	0.04		
b.	Epoxy Floor Coating with Hardener	gal	0.08		
	Consumables (5% of Material Cost)				
	Use FDA approved type of painting materials on this item.				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Painting Works, (Metals)  
 Item No.: 1032(1)c  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Red Oxide Primer	gal	0.04		
b.	Paint Thinner	gal	0.063		
	Consumables (3% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Polycarbonate Sheets/Panels  
 Item No.: 1026(1)a  
 Unit of Measurement: ln.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
<b>A.</b>	Labor				
<b>a.</b>	Leadman				
<b>b.</b>	Skilled Laborer				
<b>c.</b>	Unskilled Laborer				
<b>Sub Total (A)</b>					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
<b>B.</b>	Equipment				
	Minor tools				
<b>SUB TOTAL (B)</b>					
<b>C.</b>	Total (A + B)				
<b>D.</b>	Output per Hour		ln.m		
<b>E.</b>	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
<b>F.</b>	Materials				
<b>a.</b>	Solid Polycarbonate Panel, 4mm thick x 1.220M	Ln.m.	1.00		
<b>b.</b>	Tekscrew w/ Washer,	gal	0.063		
	Consumables (3% of Material Cost)				
<b>Sub Total (F)</b>					
<b>G.</b>	Direct Unit Cost (E + F)		(E + F)		
<b>H.</b>	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
<b>I.</b>	Contractor's Profit (CP)		10%, 8% of G		
<b>J.</b>	Value Added Tax (Vat)		5% of (G+H+I)		
<b>K.</b>	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Reflective Insulation  
 Item No.: 1038(1)  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Reflective Insulation, 8mm Double Sided Foil Laminated Consumables	Sq.m.	1.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: CHB Non Load Bearing (including RSB), 100mm  
 Item No.: 1046(2)a1  
 Unit of Measurement: sq.m  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	One Bagger Mixer, 4.0-6.0 cu.ft/min cap Minor tools	1			
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	CHB Ordinary (101mm x 203mm x 406mm)	pc	13.00		
b.	Portland Cement, 40kg	bag	0.525		
c.	Sand, S-1	cu.m.	0.040		
d.	Reinforcing Steel Bars Deformed Grade 40	kg	2.640		
e.	GI Tie Wire #16	kg	0.05		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Structural Steel, Trusses  
 Item No.: 1047(8)a  
 Unit of Measurement: kg  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Fabrication				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
	Erection				
a.	Skilled Laborer				
b.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Welding Machine (300)	1			
b.	Cutting Outfit	1			
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		kg		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	<b>For Trusses, rafter, Steel Post and Tubular Purlins.</b>				
a.	Structural Steel Truss (Angle Bar and Tubular)	kg	1.00		
b.	Acetylene	kg	0.011		
c.	Oxygen	kg	0.022		
d.	Welding Rod	kg	0.020		
	Consumables (5% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work: Structural Steel, Purlins  
 Item No.: 1047(8)b  
 Unit of Measurement: kg  
 Output per Hour: \_\_\_\_\_

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
<b>Sub Total (A)</b>					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
a.	Welding Machine (300A, Inverter Type)	1			
	Minor tools				
<b>SUB TOTAL (B)</b>					
C.	<b>Total (A + B)</b>				
D.	Output per Hour		kg		
E.	<b>Direct Unit Cost (C/D)</b>				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Structural Steel Purlins	kg	1.05		
b.	Welding Rod	kg	0.020		
	Consumables (5% of Material Cost)				
<b>Sub Total (F)</b>					
G.	<b>Direct Unit Cost (E + F)</b>			<b>(E + F)</b>	
H.	<b>Overhead, Contingencies &amp; Miscellaneous (OCM) Expenses</b>		15%,12%,10%,8% of G		
I.	<b>Contractor's Profit (CP)</b>		10%, 8% of G		
J.	<b>Value Added Tax (Vat)</b>		5% of (G+H+I)		
K.	<b>Total Unit Cost</b>			<b>(G + H + I + J)</b>	

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Metal Structure  
 Item No.: 1047(2)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
<b>Sub Total (A)</b>					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Welding Machine (300A, Inverter Type)	1			
	Minor tools				
<b>SUB TOTAL (B)</b>					
C.	<b>Total (A + B)</b>				
D.	Output per Hour		LS		
E.	<b>Direct Unit Cost (C/D)</b>				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	<b>For Façade and PVC Strip Frames</b>				
	Tubular, 1.50mm x 2" x 4" x 6m	pcs	100.00		
	Welding Rod, E5016 (5kg/box)	box	6.00		
	Consumables (Cutting Disc, Hacksaw Blades, etc.)				
	NOTE:				
	All quantities indicated above shall be verified during actual construction. Excess materials shall be turned over to the university thru the GSU office.				
<b>Sub Total (F)</b>					
G.	<b>Direct Unit Cost (E + F)</b>		<b>(E + F)</b>		
H.	<b>Overhead, Contingencies &amp; Miscellaneous (OCM) Expenses</b>		15%,12%,10%,8% of G		
I.	<b>Contractor's Profit (CP)</b>		10%, 8% of G		
J.	<b>Value Added Tax (Vat)</b>		5% of (G+H+I)		
K.	<b>Total Unit Cost</b>		<b>(G + H + I + J)</b>		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Railings  
 Item No.: 1051 (1)a  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No. of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No. of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Welding Machine (300A, Inverter Type)	1			
	Minor tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a	GI Pipe Sched 40, 1 1/4" Ø x 6.0m	pc	16.00		
b	Welding Rod, E6013 (5kg/box)	box	1.00		
	Consumables				
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost			(G + H + I + J)	

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Conduits, Boxes, Fittings (Conduit Works/Rough-in)  
 Item No.: 1100(10)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	_____	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 20mm Ø x 3m Thickwall	pc	50.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 32mm Ø x 3m Thickwall	pc	180.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 40mm Ø x 3m Thickwall	pc	17.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 65mm Ø x 3m Thickwall	pc	2.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 80mm Ø x 3m Thickwall	pc	16.00		
	uPVC Long Elbow, 20mm Ø	pc	22.00		
	uPVC Long Elbow, 32mm Ø	pc	70.00		
	uPVC Long Elbow, 40mm Ø	pc	4.00		
	uPVC Long Elbow, 65mm Ø	pc	6.00		
	uPVC Long Elbow, 80mm Ø	pc	4.00		
	Male Threaded Adaptor w/ Locknut, 20mm Ø	pc	4.00		
	Male Threaded Adaptor w/ Locknut, 32mm Ø	pc	70.00		

	Male Threaded Adaptor w/ Locknut, 40mm Ø	pc	4.00		
	Male Threaded Adaptor w/ Locknut, 65mm Ø	pc	6.00		
	Male Threaded Adaptor w/ Locknut, 80mm Ø	pc	1.00		
	Weatherhead:80mm Ø, Entrance Cap with adaptor	pc	1.00		
	Junction Box, Octagonal, 4"x4", PVC. Orange, Includes cover	pc			
	Utility Box, 2"x4", Deep Type, PVC, Orange, flush type	pc			
	400ml PVC Solvent	can	2.00		
	Consumables (3% of Material Cost)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Wires and Wiring Devices  
 Item No.: 1101(33)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Electric Wire:2.0mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	300.00		
	Electric Wire:5.5mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	1551.00		
	Electric Wire:3.5mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	300.00		
	Electric Wire:8.0mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	60.00		
	Electric Wire:14mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	94.00		
	Electric Wire:50mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	18.00		
	Electric Wire:80mm2 TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	138.00		
	Solderless Connector, for 80mm2, copper, split bolt type	pc	6.00		
	Rubber Tape/Friction Tape: 19mm Ø x 227 g	roll	6.00		
	PVC Tape, 19mm Ø x 18mm	roll	23.00		
	Single Pole Wall Switch Plate	set	2.00		

	Duplex (2 Single Pole Wall Switches on one Switch Place)	set	2.000		
	Duplex (3 Single Pole Wall Switches on one Switch Place)	set	2.000		
	Three Way Switch	set	2.000		
	Outlet, Duplex, Universal with ground and safety shuter	set	6.000		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses			15%,12%,10%,8% of G	
I.	Contractor's Profit (CP)			10%, 8% of G	
J.	Value Added Tax (Vat)			5% of (G+H+I)	
K.	Total Unit Cost			(G + H + I + J)	



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Panel Board with Main & Branch Breakers  
 Item No.: 1102(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	_____	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Panel Board, 24 Branches, Center Main, Bolt-on 3P Main & 2P Branches, w/ Cu. Hot and ground bushbars	Set	1.00		
	Circuit Breaker, 3 Pole, Bolt on, 100AT	pc	8.00		
	Circuit Breaker, 3 Pole, Bolt on, 15AT	pc	14.00		
	Circuit Breaker, 3 Pole, Bolt on, 20AT	pc	24.00		
	Circuit Breaker, 3 Pole, Bolt on, 30AT	pc	4.00		
	Circuit Breaker, 3 Pole, Bolt on, 40AT	pc	2.00		
	Circuit Breaker, 3 Pole, Bolt on, 50AT	pc	2.00		
	Circuit Breaker, 3 Pole, Bolt on, 60AT	pc	2.00		
	Panel Board, 6 Branches, Center Main, Bolt-on 3P Main & 3P Branches, w/ Cu. Hot and ground bushbars	Set	2.00		
	Circuit Breaker, 3 Pole, Bolt on, 30AT	pc	2.000		
	Circuit Breaker, 3 Pole, Bolt on, 40AT	pc	6.000		
	Circuit Breaker, 3 Pole, Bolt on, 125AT	pc	1.000		

	NEMA 3R enclosure for 2 pole bolt on circuit breakers	set	24.000		
	NEMA 3R enclosure for 3 pole bolt on circuit breakers	set	2.000		
				Sub Total (F)	
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses			15%,12%,10%,8% of G	
I.	Contractor's Profit (CP)			10%, 8% of G	
J.	Value Added Tax (Vat)			5% of (G+H+I)	
K.	Total Unit Cost			(G + H + I + J)	

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Lighting Fixtures  
 Item No.: 1103(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Pinlight, Panel Surface Type, 10Watts, LED, Downlight, daylight, round	pc	8.00		
	Pinlight, Panel Surface Type, 16Watts, LED, Downlight, daylight, round	pc	14.00		
	Pinlight, Panel Surface Type, 20Watts, LED, Downlight, daylight, round	pc	4.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

### DETAILED UNIT PRICE ANALYSIS (DUPA)

Description of Work:     Grounding System  
 Item No.:                 1109(1)  
 Unit of Measurement:    LS  
 Output per Hour:         \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Grounding Clamps for Electric Wires, 14mm Ø	pc	1.00		
	Grounding Rod Copper Clad, 16mm Ø x 3m	pc	1.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: 3 Spool Insulator Secondary Rack  
 Item No.: 1111(9)  
 Unit of Measurement: set  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	5/8' Concrete Anchor Lag Screw and Expansion Shield	pc	16.00		
	Insulator, Spool, ANSI 53-3, Porcelain, 1 3/4"	pc	12.00		
	Secondary Rack, 3 Wire, 26", Galvanized	pc	4.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Ventilating Equipment  
 Item No.: 1200(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Industrial Exhaust Fan, 0.25HP HD, w/ Var. shutter; Metal Blade	Set	13.00		
	Exhaust Control Panel	Set	1.00		
	Push Button, NO, Spring return, Green	Set	1.00		
	Push Button, NC, Spring return, Red	Set	1.00		
	Red, Twist to reset 40mm Ø mushroom head emergency button	Set	1.00		
	2 Pole contractor, 30A, 230VAC coil, 60 Hz	Set	3.00		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Water Pumping System  
 Item No.: 1201(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman				
b.	Skilled Laborer				
c.	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Electric Pump, 1 HP, SAER/PEDROLLO (Booster Pump) w/ fittings	set	1		
	Stainless Steel Pressure Tank w/ pressure gauge and accessories. (82 gallons SS Pure 304, 58cm Ø, 142cmH, 40psi capacity)	Set	1		
	Miscellaneous (fittings and consumables)				
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fire Extinguisher, 9.07kg, ABC with Bracket  
 Item No.: 1202(6)a2  
 Unit of Measurement: set  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Skilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Fire Extinguisher, 9.07 kg, ABC w/ Bracket	set	1		
Sub Total (F)					
G.	Direct Unit Cost (E + F)		(E + F)		
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		



**DETAILED UNIT PRICE ANALYSIS (DUPA)**

Description of Work: Fire Alarm System  
 Item No.: 1208(1)  
 Unit of Measurement: LS  
 Output per Hour: \_\_\_\_\_

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Construction Foreman				
	Skilled Laborer				
	Unskilled Laborer				
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour		LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Battery Operated Smoke Detector	pcs	20		
	Manual Pull Switch for Alarm Bell, 220V AC, 60Hz	set	3		
	Alarm Bell, 95dB, round, red, 220V AC, 60Hz	set	3		
Sub Total (F)					
G.	Direct Unit Cost (E + F)			(E + F)	
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses		15%,12%,10%,8% of G		
I.	Contractor's Profit (CP)		10%, 8% of G		
J.	Value Added Tax (Vat)		5% of (G+H+I)		
K.	Total Unit Cost		(G + H + I + J)		

## SUMMARY SHEET

### A. LIST OF MATERIALS AND ITS UNIT COST

No.	Description	Unit	Unit Cost
1	Tarpaulin, 4' x 8' (Project Billboard)	sq. ft.	
2	PPE signage (4' x 8')	set	
3	Safety First (4' x 4')	set	
4	Warning Signs (2' x 3')	set	
5	Caution Tape, 100ft	roll	
6	Stainless Recognition Plate, 40cm x 60cm (engraved) complete with content (refer to Infra Unit) and Fasteners.	each	
7	Stainless 3D Building Marker (FOOD PROCESSING CENTER) includes fasteners. Refer to plan on the actual size.	Set	
8	Nylone Rope, 20mm Ø	m	
9	Common Borrow (Mixed Sand and Gravel)	cu.m.	
10	Screened Gravel, G-1	cu.m.	
11	Screened Sand, S-1	cu.m.	
12	Portland Cement, 40kg/bag	bags	
13	Deformed Reinforcing Steel, Grade 40	kg	
14	Galvanized Iron Tie Wire #16	kg	
15	Phenolic Board (0.019m x 1.4m x 2.44m)	pcs	
16	Good Lumber	bd ft	
17	Assorted Common Wire Nails	kg	
18	4" dia. uPVC Pipe S1000	pc	
19	4" x dia. uPVC Clean Out with plug	pc	
20	4" dia. uPVC Elbow	pc	
21	4" dia. uPVC 45deg Bend with plug	pc	
22	4" dia. uPVC Wye	pc	
23	4" dia. uPVC Socket	pc	
24	4" x 2" dia. uPVC Wye Reducer	pc	
25	2" dia. uPVC Pipe S1000	pc	
26	2" dia. uPVC CO with plug	pc	
27	2" dia. uPVC Elbow	pc	
28	2: dia. uPVC Tee	pc	
29	2" dia. uPVC P-trap with plug & seal	pc	
30	PVC solvent, 400ml	can	
31	4" uPVC Pipe-S-1000	pcs	
32	uPVC Elbow, 4" Ø	pcs	
33	SS Flexible Hose for Kitchen Sink, 1/2" Ø x 60cm	set	
34	Angle Valve, 1/2" Ø - WC	set	
35	Brass Hose Bibb Faucet, 1/2" Ø	set	
36	iTogether Floor Drain 304 Stainless Steel, 10xm x 50cm w/ Self Closing Deodorant Core	Set	
37	PPR Pipes, 32mm Ø	pc	
38	PPR Pipes, 25mm Ø	pc	
39	PPR Pipes, 20mm Ø	pc	
40	Gate/Ball Valve, 32mm Ø	pc	

41	Gate/Ball Valve, 25mm Ø	pc	
42	Check Valve, 32mm Ø	pc	
43	Union Patente, 32mm Ø	pc	
44	Tee, 25mm Ø	pc	
45	Tee Reducer, 25mm x 20mm Ø	pc	
46	Tee Reducer, 32mm x 25mm Ø	pc	
47	Female Threaded Tee, 20mm Ø	pc	
48	Elbow, 32 Ø - 90deg	pc	
49	Elbow, 25 Ø - 90deg	pc	
50	Elbow, 20 Ø -90deg	pc	
51	Perforated Pre-painted Metal Ceiling Panel, 0.60mm thickx100mm	sq.m.	
52	Double Metal Furring, 0.60mm X 19mm X 50mm x 5m	pc	
53	Carrying Channel, 0.80mm X 12mm x 38mm x 5m	pc	
54	End Moulding, 0.60 mm x 6" x 2.40m (pre-painted)	pc	
55	Blind Rivet, 1/8" x 1"	pc	
56	Black Screws, 1"	pc	
57	PVC Ceiling Panel, Trio Series, 8mm Thick X 250mm Wide	Sq.m.	
58	Tubular, 1.50mm x 2" x 2" x 6m (for Ceiling runner)	pc	
59	Angle Bar, 3mm x 1 ¼" x 1 ¼" x 6.0m (in place of wall angles)	pc	
60	Hanger Bars/Rod	pc	
61	Channel W-Clip	pc	
62	Aluminum Composite Panel, 4mm thick of Approved Color	Sq.m.	
63	PVC STRIP CURTAINS, 300mm x 2mm x 3m (Clear) w/ Stainless Hanging Rail including screws etc. Min. of 5pc strips/m.	Ln.M.	
64	PVC STRIP CURTAINS, 200mm x 2mm x 4m (Clear) w/ Stainless Hanging Rail including screws, etc. Min. of 6pcs strips/m.	Ln.M.	
65	Structural Steel Purlins, 1.50mm x 2" x 6" (2 Layers for FB)	kg	
66	Welding Rod, E 6013	kg	
67	SS Preparation Table, Double Deck, 60cm x 80cm x 150cm	Set	
68	SS Workbench/worktop with Storage Rack & sliding door, 60cm x 80cm x 120cm (Refer to approved samples)	Set	
69	SS Preparation Table, Triple Deck, 60cm x 80cm x 240cm w/ SS sliding doors.	Set	
70	SS Kitchen Cabinet Sink with Cabinet Lockers, multiple shelves, and compartment including goose neck Faucets, 60/80/150cm	Set	
71	Stainless Steel Doorknob, Schlage or equivalent	Set	
72	Hydraulic Door Closer, Yale 2000V Series	Set	
73	Solid Brass Door MutHinge, 4 Inch	pc	
74	Hygienic Food Graded Door w/ Lockset, Window & Kickplate on both side	Sq.m.	
75	Plain Steel Door, G.I. Ga. 18, 44mm thick w/ Paper Honeycomb Insulation, 2"x 4" Ga. 16, with 4 pcs Stainless Steel Flag Hinges and complete lockset	Sq.m.	
76	Aluminum Powder Coated Framed Glass Windows, Sliding Type, Frame: 1.0mm thick., 1/4" thick Tinted Glass w/ complete accessories	sq.m.	
78	Pre-painted Ridge Roll, GA 24 (0.701mm) x 2.44m	m	
79	Pre-painted Flashing, GA 24 (0.701mm) x 2.44m	m	

<b>80</b>	Pre-painted Gutter, Gauge 24 (0.701mm) x 2.44m	m	
<b>81</b>	12" x 1" Flat Bar Strap	pc	
<b>82</b>	Pre-painted Metal Sheets, Twin Rib type, Long Span, 0.50mm	sq.m.	
<b>83</b>	Tek screw with rubber washer, 2 1/2"	pc	
<b>84</b>	Ceramic Unglazed Tiles, Approved Size and Column	sq.m.	
<b>85</b>	Tile Grout, 2kg/bag	bag	
<b>86</b>	Smart Bond Tile Adhesive (25kg)	bag	
<b>87</b>	Ceramic Glazed Tiles	sq.m.	
<b>88</b>	Flat Latex Paint, White	gal	
<b>89</b>	Patching Compound/Skim Coat	gal	
<b>90</b>	Semi-Gloss Latex (two coats only)	gal	
<b>91</b>	Epoxy Penetrating Sealer	gal	
<b>92</b>	Epoxy Floor Coating with Hardener	gal	
<b>93</b>	Red Oxide Primer	gal	
<b>94</b>	Paint Thinner	gal	
<b>95</b>	Solid Polycarbonate Panel, 4mm thick x 1.220M	Ln.m.	
<b>96</b>	Reflective Insulation, 8mm Double Sided Foil Laminated	Sq.m.	
<b>97</b>	CHB Ordinary (101mm x 203mm x 406mm)	pc	
<b>98</b>	Structural Steel Truss (Angle Bar and Tubular)	kg	
<b>99</b>	Acetylene	kg	
<b>100</b>	Oxygen	kg	
<b>101</b>	Structural Steel Purlins	kg	
<b>102</b>	Tubular, 1.50mm x 2" x 4" x 6m	pcs	
<b>103</b>	GI Pipe Sched 40, 1 1/4" Ø x 6.0m	pc	
<b>104</b>	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 20mm Ø x 3m Thickwall	pc	
<b>105</b>	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 32mm Ø x 3m Thickwall	pc	
<b>106</b>	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 40mm Ø x 3m Thickwall	pc	
<b>107</b>	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 65mm Ø x 3m Thickwall	pc	
<b>108</b>	Rigid Polyvinyl Chloride Pipes (PVC/uPVC), 80mm Ø x 3m Thickwall	pc	
<b>109</b>	uPVC Long Elbow, 20mm Ø	pc	
<b>110</b>	uPVC Long Elbow, 32mm Ø	pc	
<b>111</b>	uPVC Long Elbow, 40mm Ø	pc	
<b>112</b>	uPVC Long Elbow, 65mm Ø	pc	
<b>113</b>	uPVC Long Elbow, 80mm Ø	pc	
<b>114</b>	Male Threaded Adaptor w/ Locknut, 20mm Ø	pc	
<b>115</b>	Male Threaded Adaptor w/ Locknut, 32mm Ø	pc	
<b>116</b>	Male Threaded Adaptor w/ Locknut, 40mm Ø	pc	
<b>117</b>	Male Threaded Adaptor w/ Locknut, 65mm Ø	pc	
<b>118</b>	Male Threaded Adaptor w/ Locknut, 80mm Ø	pc	
<b>119</b>	Weatherhead:80mm Ø, Entrance Cap with adaptor	pc	
<b>120</b>	Junction Box, Octagonal, 4"x4", PVC. Orange, Includes cover	pc	
<b>121</b>	Utility Box, 2"x4", Deep Type, PVC, Orange, flush type	pc	
<b>122</b>	400ml PVC Solvent	can	
<b>123</b>	Electric Wire:2.0mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	

124	Electric Wire:5.5mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
125	Electric Wire:3.5mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
126	Electric Wire:8.0mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
127	Electric Wire:14mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
128	Electric Wire:50mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
129	Electric Wire:80mm <sup>2</sup> TW/THHN/THWN2, Stranded, Cu. Wire	Ln.m.	
130	Solderless Connector, for 80mm <sup>2</sup> , copper, split bolt type	pc	
131	Rubber Tape/Friction Tape: 19mm Ø x 227 g	roll	
132	PVC Tape, 19mm Ø x 18mm	roll	
133	Single Pole Wall Switch Plate	set	
134	Duplex (2 Single Pole Wall Switches on one Switch Place)	set	
135	Duplex (3 Single Pole Wall Switches on one Switch Place)	set	
136	Three Way Switch	set	
137	Outlet, Duplex, Universal with ground and safety shutter	set	
138	Branches, w/ Cu. Hot and ground bushbars	Set	
139	Circuit Breaker, 3 Pole, Bolt on, 100AT	pc	
140	Circuit Breaker, 3 Pole, Bolt on, 15AT	pc	
141	Circuit Breaker, 3 Pole, Bolt on, 20AT	pc	
142	Circuit Breaker, 3 Pole, Bolt on, 30AT	pc	
143	Circuit Breaker, 3 Pole, Bolt on, 40AT	pc	
144	Circuit Breaker, 3 Pole, Bolt on, 50AT	pc	
145	Circuit Breaker, 3 Pole, Bolt on, 60AT	pc	
146	Circuit Breaker, 3 Pole, Bolt on, 30AT	pc	
147	Circuit Breaker, 3 Pole, Bolt on, 40AT	pc	
148	Circuit Breaker, 3 Pole, Bolt on, 125AT	pc	
149	NEMA 3R enclosure for 2 pole bolt on circuit breakers	set	
150	NEMA 3R enclosure for 3 pole bolt on circuit breakers	set	
151	Pinlight, Panel Surface Type, 10Watts, LED, Downlight, daylight, round	pc	
152	Pinlight, Panel Surface Type, 16Watts, LED, Downlight, daylight, round	pc	
153	Pinlight, Panel Surface Type, 20Watts, LED, Downlight, daylight, round	pc	
154	Grounding Clamps for Electric Wires, 14mm Ø	pc	
155	Grounding Rod Copper Clad, 16mm Ø x 3m	pc	
156	5/8' Concrete Anchor Lag Screw and Expansion Shield	pc	
157	Insulator, Spool, ANSI 53-3, Porcelain, 1 3/4"	pc	
158	Secondary Rack, 3 Wire, 26", Galvanized	pc	
159	Industrial Exhaust Fan, 0.25HP HD, w/ Var. shutter, Metal Blade	Set	
160	Exhaust Control Panel	Set	
161	Push Button, NO, Spring return, Green	Set	
162	Push Button, NC, Spring return, Red	Set	
163	Red, Twist to reset 40mm Ø mushroom head emergency button	Set	
164	2 Polw contractor, 30A, 230VAC coil, 60 Hz	Set	
165	Electric Pump, 1 HP, SAER/PEDROLLO (Booster Pump) w/ fittings	set	

<b>166</b>	Stainless Steel Pressure Tank w/ pressure gauge and accessories. (82 gallons SS Pure 304, 58cm Ø, 142cmH, 40psi capacity)	Set	
<b>167</b>	Fire Extinguisher, 9.07 kg, ABC w/ Bracket	set	
<b>168</b>	Battery Operated Smoke Detector	pcs	
<b>169</b>	Manual Pull Switch for Alarm Bell, 220V AC, 60Hz	set	
<b>170</b>	Alarm Bell, 95dB, round, red, 220V AC, 60Hz	set	

**B. LABOR RATES (PERSONNEL NEEDED AT SITE)**

	<b>Designation</b>	<b>Labor Rates per Hour</b>
<b>1</b>	Civil Engineer	
<b>2</b>	Electrical Engineer/Master Electrician	
<b>3</b>	Safety Officer (Part Time)	
<b>4</b>	Master Plumber	
<b>5</b>	Construction Foreman	
<b>6</b>	Leadman	
<b>7</b>	Skilled Laborer (Mason, Carpenter, Plumber, Electrician, Welder, etc.)	
<b>8</b>	Unskilled Laborer	

**C. EQUIPMENT RENTAL RATES**

	<b>Name &amp; Capacity,</b>	<b>Rental Rates per Hour</b>
<b>1</b>	Backhoe, 0.80cu.m.	
<b>2</b>	Dump Truck, 12 cu/Yd	
<b>3</b>	Chain Saw (with DENR Permit)	
<b>4</b>	Jack Hammer	
<b>5</b>	Plate Compactor (5 hp)	
<b>6</b>	One Bagger Concrete Mixer	
<b>7</b>	Bar Cutter	
<b>8</b>	Welding Machine, Inverter Type, 300A	
<b>9</b>	Cutting Outfit	

**Prepared by:**

**Submitted by:**

## Section IX. Checklist of Technical and Financial Documents

### Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### ***Class "A" Documents***

#### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- (d) Special PCAB License in case of Joint Ventures; **and** registration for the type and cost of the contract to be bid; **and**
- (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or** Original copy of Notarized Bid Securing Declaration; **and**
- (f) Project Requirements, which shall include the following:
- a. Organizational chart for the contract to be bid;
- b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
- c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (g) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

#### Financial Documents

- (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

### ***Class "B" Documents***

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



**II. FINANCIAL COMPONENT ENVELOPE**

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

Other documentary requirements under RA No. 9184

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

(l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**  (m) Cash Flow by Quarter.

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

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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 AwardCommittee (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]*

## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents] To:  
[Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

*[Insert NAME OF  
BIDDER OR ITS AUTHORIZED*

*REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant **Jurat**

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

# Bid Form for the Procurement of Infrastructure Projects

*[shall be submitted with the Bid]*

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## BID FORM

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

Project Identification No. : \_\_\_\_\_

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

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines<sup>2</sup> for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

currently based on GPPB Resolution No. 09-2020

- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
  
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_ Legal Capacity: \_\_\_\_\_ Signature: \_\_\_\_\_  
Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_  
Date: \_\_\_\_\_

# Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

*[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

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## CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the "Entity") and *[name and address of Contractor]* (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called "the Works") and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - a. Philippine Bidding Documents (PBDs);
    - i. Drawings/Plans;
    - ii. Specifications;
    - iii. Bill of Quantities;
    - iv. General and Special Conditions of Contract;
    - v. Supplemental or Bid Bulletins, if any;
  - b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder's conforme thereto; and
- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract**



**execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

*[Insert Name and Signature]*  
*[Insert Signatory's Legal Capacity] for:*

*[Insert Procuring Entity]*

*[Insert Name and Signature]*  
*[Insert Signatory's Legal Capacity] for:*

*[Insert Name of Supplier]*

**Acknowledgment**

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

## Bid Securing Declaration Form

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

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### BID SECURING DECLARATION

**Project Identification No.: *[Insert number]***

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

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

*capacity]* Affiant

*[Insert signatory's legal*

**Jurat**

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

