

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

*For Project 2024-05i: Improvement of Guest
House 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 2024-05i: Improvement of Guest House for Bayombong Campus

1. The *Nueva Vizcaya State University*, through the *Special Trust Fund (F164)* intends to apply the sum of Four Million Eight Hundred Eighty-Six Thousand Eight Hundred Twelve pesos only (*Php4,866,812.00*) being the Approved Budget for the Contract (ABC) to payments under the contract of the project 2024-05i: Improvement of Guest House for Bayombong Campus. 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 240 *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 June 18, 2024 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 LANDBANK ACCOUNT No.: 0432-1028-82

6. The *NVSU* will hold a Pre-Bid Conference¹ on *June 26, 2024 @ 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 July 8, 2024 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 *July 8, 2024 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. MARITRESS N. MORTERA
MS. ICY B. PASI-GARCIA
MS. JOVELYN M. GUILLERMO
MS. DIANNE MARGARETH B. TITO
MS. GLAIZA C. SIERRA
MS. LEAH MARRIZE F. BANTA
MR. PEEJAY EDVIE V. BARAL
MR. NORBERT R. CALSE
MR. MICHAEL ANGELO F. PEROLINA
MS. JULIET S. SANCHEZ
UBAC Secretariat

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

12. You may visit the website:

For downloading of Bidding Documents: www.nvsu.edu.ph on June 18, 2024.

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 *Improvement of Guest House for Bayombong Campus* with Project Identification Number *Project 2024-05i*.

[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 Special Trust Fund (F164) source of funding as indicated below for *FY2024* in the amount of Four Million Eight Hundred Sixty-six Thousand Eight Hundred Twelve pesos only (*Php4,866,812.00*).

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: <i>Improvement of Guest House for Bayombong Campus [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: <ul style="list-style-type: none"> a. The amount of not less than Ninety-Seven Thousand Three Hundred Thirty-six and 24/100 pesos only (<u>Php97,336.24</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; b. The amount of not less than Two Hundred Forty-Three Thousand Three Hundred Forty and 60/100 pesos only (<u>Php243,340.60</u>) <i>[Insert five percent (5%) of ABC]</i> if bid security is in Surety Bond. 								
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.] 7 days after receipt of Notice to Proceed.</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 Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

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

CONTRACTOR'S HEADING

Proposed Project: **Improvement of Guest House**

Location: **Nueva Vizcaya State University, Bayombong Campus**

Mode of Implementation: **By Contract**

Approved Budget for the Contract: **Php4,866,812.00**

Source of Fund: **Special Trust Fund (F164)**

Duration: **240 Calendar Days**

BILL OF QUANTITIES

ITEM	DESCRIPTION OF WORK	%	QTY	UNIT	UNIT COST	AMOUNT
B.3 (1)	Permit and Clearances		1	LS		
B.5 (1)	Project Billboard / Signboard		1	each		
B.7 (1)	Occupational Safety and Health Program		1	LS		
B.16 (1)	Recognition Plate/Project Marker		1	each		
800 (2)	Clearing and Grubbing		1.00	LS		
801(1)	Removal of Structures and Obstruction		1.00	LS		
803 (1)a	Structure Excavation, Common Soil (Manual)		10.52	cu.m.		
804(1)a	Embankment From Structure Excavation		6.24	cu.m.		
804(2)a	Embankment From Borrow, Common Soil		2.52	cu.m.		
804 (7)	Gravel Fill		3.43	cu.m.		
900(1)h	Structural Concrete, Class A, 14 days		8.88	cu.m.		
902(1)a1	Reinforcing Steel (Deformed), Grade 40		905.87	kg		
903 (2)	Formworks and Falseworks		19.34	sq.m.		
1001 (8)	Sewer Line Works		1.00	LS		
1002 (4)	Plumbing Fixtures		1.00	LS		
1002 (24)	Cold Water Lines		1.00	LS		
1003(1)e	Ceiling, Metal Frame, Prepainted Metal Panel		96.36	sq.m.		
1003(1)h	Ceiling, Metal Frame, PVC		1.00	LS		
1003(2)a4	Wall, Metal Frame, Fiber Cement Board, 9mm (Double)		135.53	sq.m.		
1003(2)a4	Wall, Metal Frame, Fiber Cement Board, 9mm (Single)		24.00	sq.m.		
1003(2)e	Wall, Aluminum Framed Glass		1.00	LS		
1004(2)	Finishing Hardware		1.00	LS		
1006(5)	Fire Rated Fire Exit Steel Door		2.15	sq.m.		
1006(6)	Steel Doors and Frames		1.00	LS		
1007(1)a	Aluminum Framed Glass Door, Sliding Type		5.54	sq.m.		
1007(1)b	Aluminum Framed Glass Door, Swing Type		3.87	sq.m.		
1008(1)a	Aluminum Glass Windows, Sliding Type		20.76	sq.m.		
1008(1)c	Aluminum Framed Glass Windows, Awning Type		0.90	sq.m.		
1008(1)d	Aluminum Framed Glass Windows, Fixed Type		2.96	sq.m.		
1012(3)a5	Tempered Glass, 10mm		8.09	sq.m.		
1013(2)a	Fabricated Metal Roofing Accessory, Ridge Rolls		63.44	l.m.		
1013(2)b	Fabricated Metal Roofing Accessory, Flashing		41.48	l.m.		
1013(2)c	Fabricated Metal Roofing Accessory, Gutters		139.08	l.m.		
1014(1)b2	Prepainted Metal Sheets, above 0.427mm, Rib type, Long Span		330.58	sq.m.		
1018(1)	Glazed Tiles & Trims		64.85	sq.m.		
1018(2)	Unglazed Tiles		18.48	sq.m.		
1018(5)	Glazed Tiles		78.04	sq.m.		
1027(1)	Cement Plaster Finish		172.78	sq.m.		
1032(1)a	Painting Works, Masonry/Concrete		456.88	sq.m.		
1032(1)a1	Painting Works, Masonry/Concrete (Repainting)		302.10	sq.m.		
1032(1)c	Painting Works, Steel (Trusses & Purlins)		648.00	sq.m.		
1043(2)	PVC Doors and Frames		4.00	set		

1046(2)a1	CHB Non-Load Bearing (including RSB), 100mm		57.46	sq.m.		
1047(8)a	Structural Steel, Trusses		5,604.12	kg		
1047(8)b	Structural Steel, Purlins		2,249.58	kg		
1051(1)a	Railings		1.00	LS		
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)		1.00	LS		
1101 (33)	Wires and Wiring Devices		1.00	LS		
1102 (1)	Panelboard with Main & Branch Breakers		1.00	LS		
1103 (1)	Lighting Fixtures		1.00	LS		
1109 (1)	Grounding System		1.00	LS		
1111 (9)	3 Spool Insulator Secondary Rack		5.00	set		
1200 (5)a	Exhaust Fan:Ceiling Cassette		4.00	Set		
1202 (6)a2	Fire Extinguisher:9.07 kg,ABC with bracket		2.00	Set		
1208 (1)	Fire Alarm System		1.00	LS		

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: 1 LS

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Building Permit for the repair/improvement	LS	1.00		
	Building Permit Processing Fee	LS	1.00		
	Professional fees	LS	1.00		
	Locational Zoning Clearance Fee	LS	1.00		
	Fire Safety Evaluation Clearance Fee	LS	1.00		
	Barangay Clearance Fee	LS	1.00		
	Plans and Document Reproduction	LS	1.00		
	Notarial Fees				
	Occupancy Permit for the repair/improvement	LS	1.00		
	Occupancy Permit Processing Fee	LS	1.00		
	Professional fees	LS	1.00		
	Fire Safety Inspection Clearance Fee	LS	1.00		
	Plans and Documents reproductions	LS	1.00		
	Notarial Fees	LS	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: Project Billboard/Signboard
 Item No.: B.5(1)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (Maximum 10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Plywood Marine (0.00625m x 1.20m x 2.44m)	pc	1.00		
	Coco Lumber	bd. ft.	41.00		
	Project Sign (tarpaulin)	sq. ft.	32.00		
	CWN Assorted	kg.	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: Occupational Safety and Health Program
 Item No.: B.7(1)
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Safety Practitioner/ Officer (Part time)	1.00	96.00		
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	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PPE (Rental Basis):				
	Safety Helmets	MD	885.00		
	Safety Gloves (Rubber palm Orange 90g)	MD	881.00		
	Safety Shoes	MD	859.00		
	Safety Vest	MD	881.00		
	Body Harness and Lanyard	MD	446.00		
	Dust Mask	MD	392.00		
	Eye Goggles	MD	302.00		
	Ear Muff	MD	164.00		
	Rubber Boots	MD	62.00		
	Consumables (varoius medicines, etc.)	LS	1.00		
	Signage & Baricades:				
	PPE signage (4' x 8')	set	1.00		
	Safety First (4' x 4')	set	2.00		
	Warning Signs (2' x 3')	set	3.00		
	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/Project Marker
 Item No.: B.16(1)
 Unit of Measurement: each
 Output per Hour: _____ 1 each

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	each		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Acrylic Type Project Marker with complete information & fastener, 30cm x 40cm	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: Embankment From Borrow, Common Soil
 Item No.: 804(2)a
 Unit of Measurement: cu.m
 Output per Hour: 9.84 cu.m

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Construction Foreman	1.00	1.00		
b.	Unskilled Laborer	3.00	1.00		
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
a.	Plate Compactor (5hp) Minor Tools	1.00	0.75		
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	9.84	cu.m (Productivity Rate)		
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		
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: 1.20 cu.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	1.00		
b.	Unskilled Laborer	3.00	1.00		
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	0.50		
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1.20	cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Gravel, G-1 (w/ 5% Shrinkage Factor)	cu.m	1.05		
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 Concrete, Class A, 14 days
 Item No.: 900(1)h
 Unit of Measurement: cu.m
 Output per Hour: 0.357 cu.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	1.00		
b.	Skilled Laborer	1.00	1.00		
c.	Unskilled Laborer	4.00	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	One Bagger Concrete Mixer	1.00	1.00		
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.357	Cu.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Gravel G-1	cu.m.	1.00		
	Sand	cu.m.	0.50		
	Portland Cement	bags	9.10		
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: 129.094 kg

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	1.00		
b.	Skilled Laborer	3.00	1.00		
c.	Unskilled Laborer	12.00	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	Bar Cutter	1	0.50		
b.	Bar Bender	1	0.50		
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	129.094	kg		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Deformed Reinforcing Steel	kg	1.00		
	Galvanized Iron Tie Wire #16	kg	0.015		
	Consumables (5% of Materials 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: Formworks and Falseworks
 Item No.: 903(2)
 Unit of Measurement: sq.m
 Output per Hour: 4.50 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Installation	1	1.00		
a.	Construction Foreman	2	1.00		
b.	Skilled Laborer	3	1.00		
c.	Unskilled Laborer				
	Stripping	1	0.56		
a.	Construction Foreman	3	0.56		
b.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
a.	H-Frame 1.7m x 1.2m, set 2 pcs H-Frames 4 pcs diagonal cross braces 4 pcs Horizontal cross braces 8 pcs joint pins	6	14.00		
b.	Shoring Jack, 3.8m full extension	9	14.00		
c.	Adj. U-head Jack, 0.60m	12	14.00		
d.	Adj. Base Jack, 6.0m	12	14.00		
e.	1-1/2" GI Pipe x 6.0m	9	14.00		
f.	1-1/2" GI Pipe x 4.0m	5	14.00		
g.	1-1/2" GI Pipe x 3.0m	3	14.00		
h.	1-1/2" GI Pipe x 1.0m	31	14.00		
i.	Tie Rod x 0.60m	40	14.00		
J.	Round Wing Not	79	14.00		
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	4.50	sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Phenolic Board (0.019m x 1.4m x 2.44m) - 5 uses	kg	1.00		
	Good Lumber - 3 uses	kg	0.015		
	Assorted Common Wire Nails				
	Consumables (5% of Materials 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: Sewer Line Works
 Item No.: 1001(8)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	17.00		
b.	Skilled Laborer	1	17.00		
c.	Unskilled Laborer	2	17.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PVC Pipe S1000, 50mm Ø x 3.0m	pc	19.00		
	PVC P-trap w/ Plug & Sealing Ring, 50mm Ø	pc	2.00		
	PVC 45° Wye, 50mm x 50mmØ	pc	7.00		
	PVC Tee, 50mm Ø	pc	2.00		
	PVC Cleanout w/ Plug & Sealing Ring, 50mm Ø	pc	4.00		
	PVC 45° Bend, 50mm Ø	pc	13.00		
	PVC 87.5° Bend, 50mm Ø	pc	6.00		
	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: Plumbing Fixtures
 Item No.: 1002(4)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	32.00		
b.	Skilled Laborer	1	32.00		
c.	Unskilled Laborer	2	32.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Floor Drain Plates, 100mm Ø, Stainless	set	9.00		
	Water meter, 20mm Ø	set	1.00		
	Handheld Toilet Bidet Sprayer Set, Stainless Steel	set	4.00		
	Gooseneck Faucets, Dual, Stainless Steel	set	1.00		
	Water Closet, One piece, Dual flush, American Standard or equivalent w/ fittings&complete accs.	set	4.00		
	Lavatory, Wall hung with short pedestal w/ fittings& accs, American Standard or equivalent	set	4.00		
	Lavatory, Countertop, w/ fittings & accs, American Standard or equivalent	set	1.00		
	Stainless Steel Kitchen Sink, Double bowl with drainboard, 1180x510x150mm	set	1.00		
	Bath Towel Round Bar, Stailless Steel, 600mm	set	4.00		
	3-way Shower Set incl. Shower head, handhed & faucet, Stainless steel, Hot and Cold	set	4.00		
	Lavatory faucet, Stainless Steel	set	5.00		
	Consumables (3% of Material Cost)	set	9.00		
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: Cold Water Lines
 Item No.: 1002(24)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	10.00		
b.	Skilled Laborer	1	10.00		
c.	Unskilled Laborer	2	10.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PPRC Pipe, 20mm Ø x 4.0m, PN 20	pc	7.00		
	PPRC Pipe, 40mm Ø x 4.0m, PN 20	pc	10.00		
	PP-R Elbow, 20mm Ø	pc	4.00		
	PP-R Elbow, 40mm Ø	pc	10.00		
	PP-R Tee, 20mm Ø	pc	12.00		
	PP-R Tee, 40mm Ø	pc	2.00		
	PP-R Tee Reducer, 40mm Ø x 20mm Ø	pc	3.00		
	PP-R Coupling, 40mm Ø	pc	11.00		
	PP-R Coupling Reducer, 40mm Ø x 20mm Ø	pc	4.00		
	PP-R Threaded Female Adapter, 20mm Ø	pc	16.00		
	PP-R Threaded Adapter Female, 40mm Ø x 20mm Ø	pc	2.00		
	PP-R Double Union Ball Valve, 20mm Ø	pc	3.00		
	PP-R Double Union Ball Valve, 40mm Ø	pc	2.00		
	PP-R Union Patente, 40mm Ø	pc	11.00		
	PP-R Shower Valve, 20mm Ø	pc	4.00		
	GI Pipe Clamp with screws, Double hole, 20mm Ø (50pcs/pack)	pack	1.00		
	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: Ceiling Metal Frame, Prepainted Metal Panel
 Item No.: 1003(1)e
 Unit of Measurement: sq.m
 Output per Hour: 1.243 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	1.00	1.00		
c.	Unskilled Laborer	2.00	1.00		
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	1.243	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Perforated Prepainted Metal Ceiling Panel w/ frames	sq.m.	1.000		
	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: Ceiling, Metal Frame, PVC
 Item No.: 1003(1)h
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	56.00		
b.	Skilled Laborer	1	56.00		
c.	Unskilled Laborer	2	56.00		
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	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PVC Ceiling Panel, Trio Series, 8mmx 250mmx2.97m	pc	432.00		
	PVC H-clip, 8mm x 2.97m	pc	62.00		
	PVC J-clip, 8mm x 2.97m	pc	166.00		
	Metal Double Furring Channel , 0.80mm x 19mm x 50mm x 5m	pc	314.00		
	Carrying Channel,1.00mm x 12mm x 38mm x 5m	pc	99.00		
	Hanger Bars/Rod	pc	278.00		
	Channel Clip	pc	1664.00		
	Blind Rivets	pc	3882.00		
	1" Metal Screw	pc	1110.00		
	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: Wall, Metal Frame, Fiber Cement Board, 9mm (Double)
 Item No.: 1003(2)a4
 Unit of Measurement: sq.m
 Output per Hour: 0.776 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	1.00	1.00		
c.	Unskilled Laborer	2.00	1.00		
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	0.776	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Fiber Cement Board, 9mm x 4' x 8'	pc	0.706		
	Metal GI Tubular, 1.20mm x 50mm x 75 mm x 6m	pc	1.000		
	1" Metal Screw	pc	84.000		
	Welding Rod	kg	0.335		
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, Metal Frame, Fiber Cement Board, 9mm (Single)
 Item No.: 1003(2)a4
 Unit of Measurement: sq.m
 Output per Hour: 0.776 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	1.00	1.00		
c.	Unskilled Laborer	2.00	1.00		
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	0.776	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Fiber Cement Board, 9mm x 4' x 8'	pc	0.353		
	Metal GI Tubular, 1.20mm x 50mm x 75 mm x 6m	pc	1.000		
	1" Metal Screw	pc	84.000		
	Welding Rod	kg	0.335		
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 Framed Glass
 Item No.: 1003 (2)e
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
	Labor Cost for this item is included in the Material's Cost				
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Aluminum Analok Framed Glass Partition, w/ two (2) sliding windows and fixed glass transom, 3.30m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4" Glass: 1/4" thk with sticker, see plans for details	sq.m.	6.930		
b.	Aluminum Analok Framed Glass Partition, w/ one (1) sliding window and fixed glass transom, 2.05m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4" Glass: 1/4" thk with sticker, see plans for details	sq.m.	4.305		
c.	Aluminum Analok Framed Glass Partition, w/ one (1) sliding window and fixed glass transom, 1.85m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4" Glass: 1/4" thk with sticker, see plans for details Consumables (3% of Material Cost)	sq.m.	3.885		
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: Finishing Hardware
 Item No.: 1004 (2)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Labor Cost for this item 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	1		LS	
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Stainless Steel Door Knob, Schlage or equivalent Consumables (3% of Material Cost)	set	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: Fire Rated Exit Steel Door
 Item No.: 1006 (5)
 Unit of Measurement: sq.m
 Output per Hour: _____ 1 sq.m

A.	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
B.	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Metal Steel Fire Rated Door (with Bottom Louver) 90x210 cm, door knobs, keys, hinges and complete accessories Consumables (3% of Material Cost)	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: Steel Doors and Frames
 Item No.: 1006 (6)
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	16.00		
b.	Skilled Laborer	1	16.00		
c.	Unskilled Laborer	2	16.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Decorative Steel Door, 50mm x 900mm x 2100mm, with steel door jamb, doorknobs, keys, hinges and complete accessories Consumables (3% of Material Cost)	set	7.00		
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: Aluminum Framed Glass Door, Sliding Type
 Item No.: 1007 (1)a
 Unit of Measurement: sq.m
 Output per Hour: 0.26 sq.m

A.	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
B.	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.26	Sq.m		
E.	Direct Unit Cost (C/D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Aluminum Powder Coated Framed Glass Door, Sliding Type, Frame: 0.80mm thk., 1/4" thk tinted glass with door lock and handle, complete accessories Consumables (3% of Material Cost)	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: Aluminum Framed Glass Door, Swing Type
 Item No.: 1007 (1)b
 Unit of Measurement: sq.m
 Output per Hour: 0.26 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.26	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Aluminum Powder Coated Framed Glass Door, Double Swing Type, with transom, concealed soft door closer, head and foot bolt, Frame: 0.80mm thk, 1/4" thk tinted glass, complete accessories Consumables (3% of Material Cost)	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: Aluminum Glass Windows, Sliding Type
 Item No.: 1008 (1)a
 Unit of Measurement: sq.m
 Output per Hour: _____ 0.36 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.36	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: 0.80mm thk., 1/4" thk tinted glass, complete accessories Consumables (3% of Material Cost)	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: Aluminum Framed Glass Door, Awning Type
 Item No.: 1008 (1)c
 Unit of Measurement: sq.m
 Output per Hour: 0.36 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.36	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, Awning Type, Frame: 0.80mm thk, 1/4" thk tinted glass, complete accessories Consumables (3% of Material Cost)	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: Aluminum Framed Glass Door, Fixed Type
 Item No.: 1008 (1)d
 Unit of Measurement: sq.m
 Output per Hour: _____ 0.36 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.36	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, Fixed Type, Frame: 0.80mm thk, 1/4" thk tinted glass, complete accessories Consumables (3% of Material Cost)	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: Temperreed Glass, 10mm
 Item No.: 1012 (3)a5
 Unit of Measurement: sq.m
 Output per Hour: _____ 0.26 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	0.36	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Frameless Tempered Glass Swing Door with partition, heavy duty stainless head rail, concealed hydraulic door patch closer, handles and brackets, 10mm thk clear glass, complete accessories Consumables (3% of Material Cost)	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: Fabricated Metal Roofing Accessory, Ridge Rolls
 Item No.: 1013 (2)a
 Unit of Measurement: l.m
 Output per Hour: 10.00 l.m

A.	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
B.	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	10.00	l.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.	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: l.m
 Output per Hour: 10.00 l.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	10.00	l.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, Gutter
 Item No.: 1013 (2)c
 Unit of Measurement: lm
 Output per Hour: 10.00 lm

A.	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
B.	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	10.00	lm		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Pre-painted Gutter, Gauge 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: Prepainted Metal Sheets, above 0.427mm, Rib Type, Long Span
 Item No.: 1014 (1)b2
 Unit of Measurement: sq.m
 Output per Hour: _____ 2.076 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	2	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	2.076	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
a.	Pre-painted Metal Roofing Sheets, Twin Rib type, Gauge 26 (0.551mm), Long span	sq.m.	1.05		
b.	Tekscrew with rubber washer, 2 1/2" Consumables (5% of Material Cost)	pc	14.00		
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: Glazed Tiles & Trims
 Item No.: 1018(1)
 Unit of Measurement: sq.m
 Output per Hour: 1.365 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	3	1.00		
c.	Unskilled Laborer	3	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1.365	sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Ceramic Glazed Tiles	sq.m.	1.05		
	Portland Cement	bag	0.325		
	Sand	cu.m.	0.026		
	Tile Grout	bag	0.125		
	Tile Adhesive (25kg)	bag	0.143		
	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: 1.950 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1	1.00		
b.	Skilled Laborer	3	1.00		
c.	Unskilled Laborer	3	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1.950	sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Ceramic Unglazed Tiles	sq.m.	1.05		
	Portland Cement	bag	0.325		
	Sand	cu.m.	0.026		
	Tile Grout	bag	0.125		
	Tile Adhesive (25kg)	bag	0.143		
	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: Glazed Tiles
 Item No.: 1018(5)
 Unit of Measurement: sq.m
 Output per Hour: 1.950 sq.m

Designation		No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1	1.00		
b.	Skilled Laborer	3	1.00		
c.	Unskilled Laborer	3	1.00		
Sub Total (A)					
Name and Capacity		No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1.950	sq.m		
E.	Direct Unit Cost (C/D)				
Name and Specification		Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Ceramic Glazed Tiles	sq.m.	1.05		
	Portland Cement	bag	0.325		
	Sand	cu.m.	0.026		
	Tile Grout	bag	0.125		
	Tile Adhesive (25kg)	bag	0.143		
	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: Cement Plaster Finish
 Item No.: 1027(1)
 Unit of Measurement: sq.m
 Output per Hour: 7.125 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	2.00	1.00		
c.	Unskilled Laborer	4.00	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	7.125	sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Portland Cement	bag	0.30		
	Sand	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: _____ 2.1 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	2.00	1.00		
c.	Unskilled Laborer	1.00	1.00		
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	2.1	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Concrete Neutralizer	gal	0.02		
	Concrete Sealer/Primer	gal	0.04		
	Patching Compound	gal	0.05		
	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, Masonry/Concrete (Repainting)
 Item No.: 1032(1)a1
 Unit of Measurement: sq.m
 Output per Hour: 2.1 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	1.00		
b.	Skilled Laborer	2.00	1.00		
c.	Unskilled Laborer	1.00	1.00		
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	2.1	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Patching Compound	gal	0.05		
	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, Steel (Trusses & Purlins)
 Item No.: 1032(1)c
 Unit of Measurement: sq.m
 Output per Hour: _____ 2 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
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	2	Sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Red Oxide Primer	gal	0.04		
	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: PVC Doors and Frames
 Item No.: 1043(2)
 Unit of Measurement: set
 Output per Hour: _____ 1 set

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1	1.00		
b.	Skilled Laborer	1	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	PVC Door (with Bottom Louver) 70x210 cm with jamb and hinges	set	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: CHB Load bearing (including RSB), 100mm
 Item No.: 1046(2)a1
 Unit of Measurement: sq.m
 Output per Hour: 3.825 sq.m

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1	1.00		
b.	Skilled Laborer	2	1.00		
c.	Unskilled Laborer	1	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	One Bagger Mixer	1.00	1.00		
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	<u>3.825</u>	sq.m		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	CHB Ordinary (101mm x 203mm x 406mm)	pc	13.00		
	Portland Cement	bag	0.525		
	Sand	cu.m.	0.040		
	Reinforcing Steel Bars Deformed Grade 40	kg	2.640		
	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: 85.00 kg

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
	Fabrication				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	2	1.00		
c.	Unskilled Laborer	2	1.00		
	Erection				
a.	Skilled Laborer	2	0.49		
b.	Unskilled Laborer	2	0.49		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Welding Machine (300)	1	0.75		
	Cutting Outfit	1	0.25		
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	85.00	kg		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Structural Steel Truss	kg	1.00		
	Acetylene	kg	0.011		
	Oxygen	kg	0.022		
	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: _____ 90.45 kg

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	1.00		
b.	Skilled Laborer	2	1.00		
c.	Unskilled Laborer	3	1.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Welding Machine (300)	1	0.75		
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	90.45	kg		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Structural Steel Purlins	kg	1.05		
	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: Railings
 Item No.: 1051(1)a
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Leadman	1.00	4.00		
b.	Skilled Laborer	1.00	4.00		
c.	Unskilled Laborer	1.00	4.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Welding Machine (300A Inverter Type)	1	1.00		
	Minor Tools				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	GI Pipe Sched 20, 1 1/4" Ø x 6.0m	pc	10.00		
	Welding Rod	kg	0.03		
	Red Oxide Primer	li	2.00		
	Flat Wall Enamel	gal	1.00		
	Putty	gal	1.00		
	Paint Thinner	li	1.00		
	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: Conduit, Boxes & Fittings
 Item No.: 1100(10)
 Unit of Measurement: LS
 Output per Hour: 1 LS

Designation		No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Construction Foreman	1.00	91.53		
b.	Skilled labor	1.00	91.53		
c.	Unskilled labor	1.00	91.53		
Sub Total (A)					
Name and Capacity		No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	<u>1</u>	LS		
E.	Direct Unit Cost (C/D)				
Name and Specification		Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):20 mm dia.Thickwall (3meter)	pcs	165.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):25 mm dia.Thickwall (3meter)	pcs	80.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):32 mm dia.Thickwall (3meter)	pcs	15.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):40 mm dia.Thickwall (3meter)	pcs	1.00		
	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):50 mm dia.Thickwall (3meter)	pcs	8.00		
	Weatherhead:50 mm dia.(Entrance cap) with adaptor	pcs	1.00		
	Junction Box, octagonal, 4"x4", PVC, orange, includes cover	pc	99.00		
	Utility Box, 2"x4", deep type, PVC, orange, flush type	pc	74.00		
	20mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	6.00		
	25mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	10.00		
	32mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	6.00		
	40mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	2.00		
	50mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	1.00		
	32mmØ uPVC Long Elbow	pcs	8.00		
	40mmØ uPVC Long Elbow	pcs	2.00		
	50mmØ uPVC Long Elbow	pcs	2.00		
	400 ml.PVC Solvent	can	2.00		
	blow torch, heavy duty (for butane gas)	pc	2.00		
	Butane gas (270 ml)	can	4.00		
	Tie Wire #16	kg	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: Wires and Wiring Devices

Item No.: 1101(33)

Unit of Measurement: LS

Output per Hour: 1 LS

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Construction Foreman	1.00	151.23		
b.	Skilled labor	1.00	151.23		
c.	Unskilled labor	1.00	151.23		
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	<u>1</u>	LS		
E.	Direct Unit Cost (C/D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount
	Materials				
	Electric Wire:2.0 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	684.00		
	Electric Wire:3.5 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	302.00		
	Electric Wire:5.5 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	478.00		
	Electric Wire:8.0 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	87.00		
	Electric Wire:30 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	5.00		
	Electric Wire:38 mm ² TW/THHN/THWN2,Stranded, copper wire	ln. m.	44.00		
	Single Pole Wall Switch on one switch plate	Set	1.00		
	Duplex (2 Single Pole Wall Switches on one switch plate)	Set	4.00		
	Triplex (3 Single Pole Wall Switches on one switch plate)	Set	14.00		
	Outlet, duplex, universal with ground and safety shutter	Set	50.00		
	Duplex Convenience Outlet with GFCI	Set	5.00		
	PVC Tape:19 mm dia. x 18 mm	roll	10.00		
	Rubber Tape/ Friction Tape:19 mm dia. x 227 g	roll	1.00		
	Solderless Connector, 38mm ² , copper, split bolt type	pcs	3.00		
	Electric Wire : 22 mm ² ,ACSR, Polyethylene insulated	ln. m.	150.00		
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: Panelboard with Main & Branch Breakers
 Item No.: 1102(1)
 Unit of Measurement: LS
 Output per Hour: 1 LS

	Designation	No of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.	Labor				
a.	Construction Foreman	1.00	43.08		
b.	Skilled labor	1.00	43.08		
c.	Unskilled labor	1.00	43.08		
Sub Total (A)					
	Name and Capacity	No. of Equipt./s	No of Hour/s	Hourly Rate	Total Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	6 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 3P BRANCHES, w/copper hot and ground busbars	set	1.00		
	Circuit Breaker, 3 Pole, 30AT	pcs	1.00		
	Circuit Breaker, 3 Pole, 50AT	pcs	1.00		
	Circuit Breaker, 3 Pole, 70AT	pcs	2.00		
	Circuit Breaker, 3 Pole, 100AT	pcs	1.00		
	24 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 2P BRANCHES, w/copper hot and ground busbars	set	1.00		
	Circuit Breaker, 2 Pole, 30AT	pcs	10.00		
	Circuit Breaker, 2 Pole, 50AT	pcs	3.00		
	Circuit Breaker, 3 Pole, 70AT	pcs	1.00		
	12 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 2P BRANCHES, w/copper hot and ground busbars	set	1.00		
	Circuit Breaker, 2 Pole, 15AT	pcs	3.00		
	Circuit Breaker, 2 Pole, 20AT	pcs	3.00		
	Circuit Breaker, 3 Pole, 30AT	pcs	1.00		
	NEMA 3R enclosure for 2 pole circuit breakers	set	8.00		
	Circuit Breaker, 2 Pole, 50AT	pcs	2.00		
	Circuit Breaker, 2 Pole, 30AT	pcs	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: Lighting Fixtures and Lamps
 Item No.: 1103(1)
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	88.33		
b.	Skilled labor	1.00	88.33		
c.	Unskilled labor	1.00	88.33		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	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	pcs	54.00		
	Pinlight, panel surface type, 10watts, LED, downlight, daylight, square	pcs	20.00		
	Pinlight, panel surface type, 20watts, LED, downlight, daylight, round	pcs	8.00		
	LED strip light, 120LED/m, 12W/m,	ln m	60.00		
	LED driver for LED strip light	pcs	8.00		
	outdoor wall lamp, contemporary lighting, black, e27*1, downward	pc	3.00		
	LED mini flood light, 10W, warm white, outdoor, 220V, 60Hz	pc	2.00		
	Rattan pendant light, with receptacle and 15watts LED Bulb	set	3.00		
	LED Ceiling light, Nordic Style, 40watts or above, Modern Ceiling Lamp	set	1.00		
	Automatic LED Emergency Light-Exit Light Signage Combination, 3W, Automatic light on when power is down, light time: 90min., 220V, 60Hz	set	2.00		
	Twinhead Emergency Lamp, LED lamp,automatic, with built in charger and battery and overcharge protection, battery type : 6V-4.5Ah, charging time : 20-24hr, usage : 17-32Hr	pc	9.00		
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.: 1200(14)
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1	17.83		
b.	Skilled labor	1	17.83		
	Unskilled labor	1	17.83		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Electric Wire:2.0 mm ² TW/THHN/THWN ₂ ,Stranded, copper wire	ln. m.	140.00		
	Electric Wire:3.5 mm ² TW/THHN/THWN ₂ ,Stranded, copper wire	ln. m.	242.00		
	Electric Wire:5.5 mm ² TW/THHN/THWN ₂ ,Stranded, copper wire	ln. m.	41.00		
	Electric Wire:8.0 mm ² TW/THHN/THWN ₂ ,Stranded, copper wire	ln. m.	3.00		
	Electric Wire:14 mm ² TW/THHN/THWN ₂ ,Stranded, copper wire	ln. m.	10.00		
	Grounding Rod Copper Clad:16 mm dia. x 3 m	Piece	1.00		
	Grounding Clamps for Electric Wires:14 mm ²	Piece	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: _____ 1 set

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	1.00		
b.	Skilled labor	1.00	1.00		
c.	Unskilled labor	1.00	1.00		
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	1	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	pcs	2.00		
	insulator, spool,ANSI 53-3, porcelain, 1 3\4"	pcs	3.00		
	secondary rack, 3 wire, 26", galvanized	pcs	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: Exhaust Fan: Ceiling Cassette
 Item No.: 1200(5)a
 Unit of Measurement: set
 Output per Hour: _____ 1 set

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	0.50		
b.	Skilled labor	1.00	0.50		
c.	Unskilled labor	1.00	0.50		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Exhaust fan, 12", wall mounted, 38W	set	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: Fire Extinguisher: 9.07 kg, ABC with bracket
 Item No.: 1202(6)a2
 Unit of Measurement: set
 Output per Hour: _____ 4 set

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	0.25		
b.	Skilled labor	1.00	0.25		
c.	Unskilled labor	1.00	0.25		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	4	set		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Fire extinguisher, 10 lb., dry chemical, brand new, (BFP Approved; DTI and ISO Certified)	set	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: Fire Alarm System
 Item No.: 1208(1)
 Unit of Measurement: LS
 Output per Hour: _____ 1 LS

	Designation	No of	No. of	Hourly	Amount
		Person/s	Hour/s	Rate	(PhP)
A.	Labor				
a.	Construction Foreman	1.00	7.00		
b.	Skilled labor	1.00	7.00		
c.	Unskilled labor	1.00	7.00		
Sub Total (A)					
	Name and Capacity	No. of	No of	Hourly	Total
		Equipt./s	Hour/s	Rate	Cost
B.	Equipment				
	Minor Tools (10% of Labor Cost)				
SUB TOTAL (B)					
C.	Total (A + B)				
D.	Output per Hour	1	LS		
E.	Direct Unit Cost (C/D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Battery operated smoke detector	pcs	10.00		
	manual pull switch for alarm bell, 220V AC, 60Hz	set	2.00		
	alarm bell, 95dB, round, red, 220V AC, 60Hz	set	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		
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	Plywood Marine (0.00625m x 1.20m x 2.44m)	pc	
2	Coco Lumber	bd.ft.	
3	Project Sign (tarpaulin)	Sq.ft.	
4	CWN Assorted	kg.	
5	Safety Helmets	MD	
6	Safety Gloves (Rubber palm Orange 90g)	MD	
7	Safety Shoes	MD	
8	Safety Vest	MD	
9	Body Harness and Lanyard	MD	
10	Dust Mask	MD	
11	Eye Goggles	MD	
12	Ear Muff	MD	
13	Rubber Boots	MD	
14	PPE signage (4' x 8')	set	
15	Safety First (4' x 4')	set	
16	Warning Signs (2' x 3')	set	
17	Caution Tape, 100ft	roll	
18	Acrylic Type Project Marker with complete information & fastener, 30cm x 40cm	each	
19	Common Borrow (Mixed Sand and Gravel)	cu.m.	
20	Gravel G-1	cu.m.	
21	Sand	cu.m.	
22	Portland Cement	bags	
23	Deformed Reinforcing Steel	kg	
24	Galvanized Iron Tie Wire #16	kg	
25	Phenolic Board (0.019m x 1.4m x 2.44m) - 5 uses	pcs	
26	Good Lumber - 3 uses	bd ft	
27	PVC Pipe S1000, 50mm Ø x 3.0m	pc	
28	PVC P-trap w/ Plug & Sealing Ring, 50mm Ø	pc	
29	PVC 45° Wye, 50mm x 50mmØ	pc	
30	PVC Tee, 50mm Ø	pc	
31	PVC Cleanout w/ Plug & Sealing Ring, 50mm Ø	pc	
32	PVC 45° Bend, 50mm Ø	pc	
33	PVC 87.5° Bend, 50mm Ø	pc	
34	Floor Drain Plates, 100mm Ø, Stainless	set	
35	Water meter, 20mm Ø	set	
36	Handheld Toilet Bidet Sprayer Set, Stainless Steel	set	
37	Gooseneck Faucets, Dual, Stainless Steel	set	
38	Water Closet, One piece, Dual flush, American Standard or equivalent w/ fittings & complete accs.	set	
39	Lavatory, Wall hung with short pedestal	set	
40	Lavatory, Countertop, w/ fittings & accs,	set	
41	Stainless Steel Kitchen Sink, Double bowl with drainboard, 1180x510x150mm	set	
42	Bath Towel Round Bar, Stailess Steel, 600mm 3-way Shower Set incl. Shower head, handhed & faucet, Stainless steel, Hot and Cold	set	
43	Lavatory faucet, Stainless Steel	set	
44	PPRC Pipe, 20mm Ø x 4.0m, PN 20	pc	
45	PPRC Pipe, 40mm Ø x 4.0m, PN 20	pc	
46	PP-R Elbow, 20mm Ø	pc	
47	PP-R Elbow, 40mm Ø	pc	
48	PP-R Tee, 20mm Ø	pc	
49	PP-R Tee, 40mm Ø	pc	
50	PP-R Tee Reducer, 40mm Ø x 20mm Ø	pc	

51	PP-R Coupling, 40mm Ø	pc	
52	PP-R Coupling Reducer, 40mm Ø x 20mm Ø	pc	
53	PP-R Threaded Female Adapter, 20mm Ø	pc	
54	PP-R Threaded Adapter Female, 40mm Ø x 20mm Ø	pc	
55	PP-R Double Union Ball Valve, 20mm Ø	pc	
56	PP-R Double Union Ball Valve, 40mm Ø	pc	
57	PP-R Union Patente, 40mm Ø	pc	
58	PP-R Shower Valve, 20mm Ø	pc	
59	GI Pipe Clamp with screws, Double hole, 20mm Ø (50pcs/pack)	pack	
60	Perforated Prepainted Metal Ceiling Panel w/ frames	sq.m.	
61	PVC Ceiling Panel, Trio Series, 8mmx 250mmx2.97m	pc	
62	PVC H-clip, 8mm x 2.97m	pc	
63	PVC J-clip, 8mm x 2.97m	pc	
64	Metal Double Furring Channel , 0.80mm x 19mm x 50mm x 5m	pc	
65	Carrying Channel,1.00mm x 12mm x 38mm x 5m	pc	
66	Hanger Bars/Rod	pc	
67	Channel Clip	pc	
68	Blind Rivets	pc	
69	1" Metal Screw	pc	
70	Fiber Cement Board, 9mm x 4' x 8'	pc	
71	Metal GI Tubular, 1.20mm x 50mm x 75 mm x 6m	pc	
72	Welding Rod	kg	
73	Aluminum Analok Framed Glass Partition, w/ two (2) sliding windows and fixed glass transom, 3.30m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4"	sq.m.	
74	Aluminum Analok Framed Glass Partition, w/ one (1) sliding windows and fixed glass transom, 3.30m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4"	sq.m.	
75	Aluminum Analok Framed Glass Partition, w/ one (1) sliding windows and fixed glass transom, 3.30m L x 2.40m H, Frame: 0.80mm thk. x 1 1/4" x 4"	sq.m.	
76	Stainless Steel Door Knob, Schlage or equivalent	set	
77	Metal Steel Fire Rated Door (with Bottom Louver) 90x210 cm, door knobs, keys, hinges and complete accessories	sq.m.	
78	Decorative Steel Door, 50mm x 900mm x 2100mm, with steel door jamb, door knobs, keys, hinges and complete accessories	set	
79	Aluminum Powder Coated Framed Glass Door, Sliding Type, Frame: 0.80mm thk., 1/4" thk tinted glass with door lock and handle, complete accessories	sq.m.	
80	Aluminum Powder Coated Framed Glass Door, Double Swing Type, with transom, concealed soft door closer, head and foot bolt, Frame: 0.80mm thk., 1/4" thk tinted glass, complete accessories	sq.m.	
81	Aluminum Powder Coated Framed Glass Windows, Sliding Type, Frame: 0.80mm thk., 1/4" thk tinted glass, complete accessories	sq.m.	
82	Aluminum Powder Coated Framed Glass Windows, Awning Type, Frame: 0.80mm thk, 1/4" thk tinted glass, complete accessories	sq.m.	
83	Aluminum Powder Coated Framed Glass Windows, Fixed Type, Frame: 0.80mm thk, 1/4" thk tinted glass, complete accessories	sq.m.	
84	Frameless Tempered Glass Swing Door with partition, heavy duty stainless head rail, concealed hydraulic door patch closer, handles and brackets, 10mm thk clear glass, complete accessories	sq.m.	
85	Pre-painted Ridge Roll, GA 24 (0.701mm) x 2.44m	m	
86	Pre-painted Flashing, GA 24 (0.701mm) x 2.44m	m	
87	Pre-painted Gutter, Gauge 24 (0.701mm) x 2.44m	m	
88	Pre-painted Metal Roofing Sheets, Twin Rib type, Gauge 26 (0.551mm), Long span	Sq.m	
89	Tekscrew with rubber washer, 2 1/2"	pc	
90	Ceramic Glazed Tiles	Sq.m	
91	Tile Grout	bag	
92	Tile Adhesive (25kg)	bag	

93	Ceramic Unglazed Tiles	Sq.m	
94	Concrete Neutralizer	gal	
95	Concrete Sealer/Primer	gal	
96	Patching Compound	gal	
97	Semi Gloss Latex (two coats only)	gal	
98	Red Oxide Primer	gal	
99	Paint Thinner	gal	
100	PVC Door (with Bottom Louver) 70x210 cm with jamb and hinges	set	
101	CHB Ordinary (101mm x 203mm x 406mm)	pc	
102	GI Tie Wire #16	kg	
103	Structural Steel Truss	kg	
104	Acetylene	kg	
105	Oxygen	kg	
106	Structural Steel Purlins	kg	
107	GI Pipe Sched 20, 1 1/4" Ø x 6.0m	pc	
108	Flat Wall Enamel	gal	
109	Putty	gal	
110	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):20 mm dia.Thickwall (3meter)	pcs	
111	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):25 mm dia.Thickwall (3meter)	pcs	
112	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):32 mm dia.Thickwall (3meter)	pcs	
113	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):40 mm dia.Thickwall (3meter)	pcs	
114	Rigid Polyvinyl Chloride Pipes (PVC/uPVC):50 mm dia.Thickwall (3meter)	pcs	
115	Weatherhead:50 mm dia.(Entrance cap) with adaptor	pcs	
116	Junction Box, octagonal, 4"x4", PVC, orange, includes cover	pc	
117	Utility Box, 2"x4", deep type, PVC, orange, flush type	pc	
118	20mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	
119	25mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	
120	32mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	
121	40mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	
122	50mmØ uPVC Male Thread Adaptor w/ Locknut	pcs	
123	32mmØ uPVC Long Elbow	pcs	
124	40mmØ uPVC Long Elbow	pcs	
125	50mmØ uPVC Long Elbow	pcs	
126	400 ml.PVC Solvent	can	
127	blow torch, heavy duty (for butane gas)	pc	
128	Butane gas (270 ml)	can	
129	Electric Wire:2.0 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
130	Electric Wire:3.5 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
131	Electric Wire:5.5 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
132	Electric Wire:8.0 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
133	Electric Wire:30 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
134	Electric Wire:38 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
135	Electric Wire:5.5 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
136	Electric Wire:8.0 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
137	Electric Wire:14 mm2 TW/THHN/THWN2,Stranded, copper wire	ln. m.	
138	Grounding Rod Copper Clad:16 mm dia. x 3 m	Piece	
139	Grounding Clamps for Electric Wires:14 mm2	Piece	
140	Single Pole Wall Switch on one switch plate	Set	
141	Duplex (2 Single Pole Wall Switches on one switch plate)	Set	
142	Triplex (3 Single Pole Wall Switches on one switch plate)	Set	
143	Outlet, duplex, universal with ground and safety shutter	Set	
144	Duplex Convenience Outlet with GFCI	Set	
145	PVC Tape:19 mm dia. x 18 mm	roll	
146	Rubber Tape/ Friction Tape:19 mm dia. x 227 g	roll	

147	Solderless Connector, 38mm ² , copper, split bolt type	pcs	
148	Electric Wire : 22 mm ² ,ACSR, Polyethylene insulated	ln. m.	
149	6 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 3P BRANCHES, w/copper hot and ground busbars	set	
150	Circuit Breaker, 3 Pole, 30AT	pcs	
151	Circuit Breaker, 3 Pole, 50AT	pcs	
152	Circuit Breaker, 3 Pole, 70AT	pcs	
153	Circuit Breaker, 3 Pole, 100AT	pcs	
154	24 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 2P BRANCHES, w/copper hot and ground busbars	set	
155	Circuit Breaker, 2 Pole, 30AT	pcs	
156	Circuit Breaker, 2 Pole, 50AT	pcs	
157	Circuit Breaker, 3 Pole, 70AT	pcs	
158	12 branches Panel Board, Center Main, BOLT-ON 3P MAIN AND 2P BRANCHES, w/copper hot and ground busbars	set	
159	Circuit Breaker, 2 Pole, 15AT	pcs	
160	Circuit Breaker, 2 Pole, 20AT	pcs	
161	Circuit Breaker, 3 Pole, 30AT	pcs	
162	NEMA 3R enclosure for 2 pole circuit breakers	set	
163	Circuit Breaker, 2 Pole, 50AT	pcs	
164	Circuit Breaker, 2 Pole, 30AT	pcs	
165	Pinlight, panel surface type, 10watts, LED, downlight, daylight, round	pcs	
166	Pinlight, panel surface type, 10watts, LED, downlight, daylight, square	pcs	
167	Pinlight, panel surface type, 20watts, LED, downlight, daylight, round	pcs	
168	LED strip light, 120LED/m, 12W/m,	ln m	
169	LED driver for LED strip light	pcs	
170	outdoor wall lamp, contemporary lighting, black, e27*1, downward	pc	
171	LED mini flood light, 10W, warm white, outdoor, 220V, 60Hz	pc	
172	Rattan pendant light, with receptacle and 15watts LED Bulb	set	
173	LED Ceiling light, Nordic Style, 40watts or above, Modern Ceiling Lamp	set	
174	Automatic LED Emergency Light-Exit Light Signage Combination, 3W, Automatic light on when power is down, light time: 90min., 220V, 60Hz	set	
175	Twinhead Emergency Lamp, LED lamp,automatic, with built in charger and battery and overcharge protection, battery type : 6V-4.5Ah, charging time : 20-24hr, usage : 17-32Hr	pc	
176	5/8' Concrete Anchor Lag screw and expansion Shield	pcs	
177	insulator, spool,ANSI 53-3, porcelain, 1 3\4"	pcs	
178	secondary rack, 3 wire, 26", galvanized	pcs	
179	Exhaust fan, 12", wall mounted, 38W	set	
180	Air Conditioning Unit, 1HP split type, digital inverter, 220V, 60Hz, full Installation including Condensate Drain System and Refrigerant Piping		
181	Air Conditioning Unit, 1.5HP split type, digital inverter, 220V, 60Hz, full Installation including Condensate Drain System and Refrigerant Piping		
182	Fire extinguisher, 10 lb., dry chemical, brand new, (BFP Approved; DTI and ISO Certified)	set	
183	Battery operated smoke detector	pcs	
184	manual pull switch for alarm bell, 220V AC, 60Hz	set	
185	alarm bell, 95dB, round, red, 220V AC, 60Hz	set	

B. LABOR RATES

	Designation	Labor Rates per Hour
	Foreman	
	Skilled Laborer	
	Semi- Skilled Laborer	
	Laborer	

C. EQUIPMENT RENTAL RATES

	Name & Capacity,	Rental Rates per Hour
	Dumptruck	
	Jackhammer	
	Plate Compactor	
	One Bagger Mixer	
	Concrete Vibrator	
	Bar Cutter	
	Bar Bender	
	Welding Machine	
	Cutting Outfit	

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]

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

AFFIDAVIT

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

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

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

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

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

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

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

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. *[Select one, delete the rest:]*

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

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the

Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

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]

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]

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 guidelines² 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]

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]

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]*

