

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

*For Project 2023-23i: Repair/Improvement of Existing Graphic
Arts Building for Bambang 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.

TABLE OF CONTENTS

Glossary of Terms, Abbreviations, and Acronyms	4
Section I. Invitation to Bid	6
Section II. Instructions to Bidders	9
1. Scope of Bid.....	10
2. Funding Information	10
3. Bidding Requirements	10
4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	11
5. Eligible Bidders	11
6. Origin of Associated Goods.....	11
7. Subcontracts.....	11
8. Pre-Bid Conference.....	12
9. Clarification and Amendment of Bidding Documents	12
10. Documents Comprising the Bid: Eligibility and Technical Components.....	12
11. Documents Comprising the Bid: Financial Component	13
12. Alternative Bids	13
13. Bid Prices.....	13
14. Bid and Payment Currencies.....	14
15. Bid Security	14
16. Sealing and Marking of Bids	14
17. Deadline for Submission of Bids.....	15
18. Opening and Preliminary Examination of Bids	15
19. Detailed Evaluation and Comparison of Bids.....	15
20. Post Qualification	15
21. Signing of the Contract.....	16
Section III. Bid Data Sheet	17
Section IV. General Conditions of Contract	19
1. Scope of Contract.....	20
2. Sectional Completion of Works.....	20
3. Possession of Site.....	20
4. The Contractor’s Obligations.....	20
5. Performance Security.....	21
6. Site Investigation Reports.....	21
7. Warranty	21
8. Liability of the Contractor	21
9. Termination for Other Causes.....	21
10. Dayworks	22
11. Program of Work	22
12. Instructions, Inspections and Audits.....	22
13. Advance Payment	22
14. Progress Payments	22
15. Operating and Maintenance Manuals	23
Section V. Special Conditions of Contract	24
Section VI. Specifications	27
Section VII. Drawings	29
Section VIII. Bill of Quantities	30
Section IX. Checklist of Technical and Financial Documents	57

Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

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.



Republic of the Philippines
NUEVA VIZCAYA STATE UNIVERSITY
Bayombong, Nueva Vizcaya

INVITATION TO BID

For Project 2023-23i: Repair/Improvement of Existing Graphic Arts Building for Bambang Campus

1. The *Nueva Vizcaya State University*, through the Special Trust Fund (*STF*) intends to apply the sum of *Php3,860,000.00* being the Approved Budget for the Contract (*ABC*) to payments under the contract for 2023-23i: Repair/Improvement of Existing Graphic Arts Building for Bambang 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 September 2, 2023 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 in person or electronic means*.

NVSU LANDBANK ACCOUNT No.: 0432-1028-82

6. The *NVSU* will hold a Pre-Bid Conference¹ on *September 11, 2023 @ 9:00am* at the *Board Room, 3/F New Administration Building, NVSU Bayombong, Campus* and through videoconferencing/webcasting *via Zoom (Meeting ID: 943 7773 4740; Password: nvsu@2023)*, 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 September 25, 2023 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. Bid opening shall be on *September 25, 2023 at 9:00am at the given address and via Zoom (Meeting ID: 961 0253 3924; Password: nvsu@2023)*. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

9. 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.

10. For further information, please refer to:

MS. MARITNESS N. MORTERA
MS. JOVELYN M. GUILLERMO
MS. DIANNE MARGARETH B. TITO
MS. ICY B. PASI-GARCIA
MS. GLAIZA C. SIERRA
MS. LEAH MARRIZE F. BANTA
MR. PEEJAY EDVIE V. BARAL
MR. NORBERT R. CALSE
MS. JULIET S. SANCHEZ

UBAC Secretariat

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

11. You may visit the website:

For downloading of Bidding Documents: www.nvsu.edu.ph on September 2, 2023.

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 Repair/Improvement of Existing Graphic Arts Building for Bambang Campus with Project Identification Number *Project 2023-23i*.

[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 source of funding as indicated below for *FY2023 through the Special Trust Fund (STF-164)* in the amount of Three Million Eight Hundred Sixty Thousand pesos only (*Php3,860,000.00*).

2.2. The source of funding is: Special Trust Fund (STF)

[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 criterial 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: Repair/Improvement of Existing Graphic Arts Building for Bambang Campus <i>[provide description/clarification of what are major categories of work].</i>						
7.1	<i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i>						
10.3	<i>[Specify if another Contractor license or permit is required.]</i>						
10.4	The key personnel must meet the required minimum years of experience set below: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Key Personnel</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>General Experience</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>			
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>					
10.5	The minimum major equipment requirements are the following: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Equipment</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Capacity</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </tbody> </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 Seventy-Seven Thousand Two Hundred pesos only (<u>Php77,200.00</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 One Hundred Ninety-Three Thousand pesos only (<u>Php193,000.00</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.] Not Applicable</i>						
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 Scurve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program 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: **Repair/Improvement of Existing Graphic Arts Building**
 Location: **NVSU Compound, Bambang, Nueva Vizcaya**
ABC : Php3,860,000.00
Completion days: 240 calendar days

BILL OF QUANTITIES					
ITEM	DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT COST	AMOUNT
A.1.1(3)	Construction of Field Office for the Engineer	LS	1.00		
B.3	Permits and Clearances	LS	1.00		
B.5	Project Billboard/Signboard	each	4.00		
B.7(2)	Occupational Safety and Health Program	LS	1.00		
1001(8)	Sewer Line Works	LS	1.00		
1002(4)	Plumbing Fixtures	LS	1.00		
1002(23)b	Water Meter, 25mm dia.	pc	1.00		
1002(24)	Cold Water Lines	LS	1.00		
1003(1)a1	Ceiling, Metal Frame, 4.5mm Fiber Cement Board	sq.m.	154.66		
1003(22)	Modular Partition	sq.m.	0.72		
1006(6)	Steel Doors and Frames	LS	1.00		
1012(6)	Glass and Glazing	LS	1.00		
1018 (1)	Glazed Tiles and Trims	sq.m	23.09		
1018 (2)	Unglazed Tiles	sq.m	35.91		
1027(1)	Cement Plaster Finish	sq.m	92.11		
1032(1)a	Painting Works, Masonry	sq. m.	244.76		
1032(1)c	Painting Works, Steel	sq. m.	381.00		
1043(1)	PVC Doors and Frames	sq. m.	10.92		
1046(2)a1	CHB Non-Load Bearing (including Reinforcing Steel), 100mm	sq.m	6.16		
1100(10)	Conduit Boxes & Fittings (Conduit Work/Conduit Rough-in)	LS	1.00		
1101(33)	Wires & Wiring Devices	LS	1.00		

1102(1)	Panel board with Main and Branch Breakers	LS	1.00		
1103(1)	Lighting Fixtures and Lamps	LS	1.00		
1208(1)	Fire Alarm System	LS	1.00		
1208(4)	Fire Alarm Bell	set	2.00		
1208(5)	Fire Alarm Control Panel	set	1.00		
1208(6)	Manual Pull Station Switch	set	9.00		
1208(2)	Smoke Detector with Base	set	7.00		
TOTAL ESTIMATED PROJECT COST:					

Prepared by:

Contractor's Representative

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY

ITEMS: Construction of Field Office for the Engineer

COST ID: A.1.1(3)

PRODUCTION RATE:

QTY: 1.00 LS

NUMBER OF HOURS: _____ hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Construction of Temporary Field Office, Bunkhouse with comfort room, wash area, water supply, electrical supply, and waste disposal pit.	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled Labor Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equip.	Total Hours	Rate	Cost
Minor Tools (10% of Labor)	LS	1.000		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: Permits and Clearances

COST ID: B.3

PRODUCTION RATE:

QTY: **1.00 LS**

NUMBER OF HOURS: _____ hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
This includes payment of professional signatures, Building Permit, Ancillary Permits & Occupancy permit requirements Building permit shall be secured first before commencing any construction activity. Permit Number shall be incorporated in the project billboards. The cost shall be based on Bambang Engineering Office/Building Official. Note: <i>Building Permit will be processed before the advance payment be released Reproduction of Plans & other documents required for the said permits will be C/O the contractor As-built plan with signature of professional shall be submitted at the infrastructure section in two copies aside from the copies for the occupancy permits, before the approval of the final billing. All payments shall be shouldered by the contractor.</i>	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Liason Officer Liason Officer will coordinate to the PPSDS for all documents needed to submit to the building officials for the issuance of building permit and occupancy permit.				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: Project Billboard/Signboard

COST ID: B.5

PRODUCTION RATE:

QTY: **4.00 each**

NUMBER OF HOURS: _____ hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Printed Tarpaulin Project Billboard (4' x 8' complete content), DPWH Standard	set	1.00		
Printed tarpaulin safety sign boards 3" X 4"	set	3.00		
15.00 pcs - 2" x 2" x 8' Good Lumber	bd.ft.	40.00		
1/4" x 4" x 8" Phenolic Board	pc	2.50		
Caution Tapes, 2" x 300m	roll	1.00		
Consumables (3% of Material Cost)	LS	1.00		
Note: PROJECT BILLBOARD MUST BE INSTALLED FIRST WHEN THE PROJECT STARTS				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Skilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
				-
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				_____
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: Occupational Safety and Health Program

COST ID: B.7(2)

PRODUCTION RATE:

QTY: **1.00 LS**

NUMBER OF HOURS:

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Safety Helmets, OSHC certified - White, yellow & Blue, etc.	set	10.00		
Safety Gloves (Rubber palm Orange 90g)	pair	20.00		
Safety Shoes, steel toe - rental basis	LS	1.00		
Miscellaneous (Safety Goggles, various medicines, etc.)	LS	1.00		
Note: 1. Safety Helmets shall be purchased by the contractor and subject for inspection prior to distribution. 2. All helmets shall be properly placed at the field office when not in use. It shall be turn over to the university through the PPSDS/Supply office the same quantity.				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Safety & Health Practitioner (Part Time 4Hrs a week)				
Note: At least once a week appearance at the project site and conduct "Tool Box Meeting" regard safety at the construction site. No appearance and No minutes of Tool Box meeting No claims.				
				-
				-
				-
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipt.	Total Hours		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Sewer Line Works**
 ITEMS:

COST
 ID: 1001(8) PRODUCTION RATE: m/hr
 QTY: 1.00 LS NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
4" uPVC Pipe S1000	pc	14.00		
4" x 45° uPVC Elbow	pc	19.00		
4" x 90° uPVC Elbow	pc	10.00		
4" uPVC Wye	pc	12.00		
4" uPVC Clean out	pc	4.00		
2" uPVC Pipe S1000	pc	48.00		
2" x 45° uPVC Elbow	pc	39.00		
2" x 90° uPVC Elbow	pc	18.00		
4" x 2" uPVC Wye	pc	5.00		
2" uPVC Wye	pc	19.00		
4" x 2" uPVC Tee	pc	6.00		
2" uPVC Clean out	pc	5.00		
2" uPVC Ptrap	pc	15.00		
PVC Solvent (400cc/can)	can	2.00		
4" PVC Strap	pc	12.00		
2" PVC Strap	pc	12.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Plumbing Fixtures**
 ITEMS:

COST
 ID: 1002(4)
 QTY: 1.00 LS

PRODUCTION RATE: set/hr
 NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Toilet Bowl Two-Piece, Dual Flush Water Closet, with soap and tissue holder and complete accessories	set	9.00		
Stainless Steel Handheld Toilet Bidet Sprayer Set	set	9.00		
Urinal, Wall hung, Complete accessories (Push Button Type)	set	4.00		
Lavatory, Wall Hung, Semi pedestal, Complete w/ stainless accessories: faucet, p-traps, etc	set	7.00		
Heavy Duty Stainless Steel Gooseneck Faucet, Shower Head	set	7.00		
Heavy Duty Stainless Steel Tap Faucets	set	5.00		
Consumables (5% of Material Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: **Water Meter, 25mm dia.**

COST ID: 1002(23)b

PRODUCTION RATE: pc/hr
 NUMBER OF HOURS: hr

QTY: 1.00 pc

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
25mm dia. Water Meter Consumables (5% of Materials Cost)	pc LS	1.00 1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipt.	Total Hours	Rate	Cost
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
1. OCM			_____	
2. Contractor's Profit			_____	
3. 5 % VAT			_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY: **Cold Water Lines**
 ITEMS:
 COST
 ID: 1002(24)
 QTY: 1.00 LS

PRODUCTION RATE: pc/hr
 NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1" PPR Pipe PN 20 x 4m	pc	4.00		
1" PPR Tee	pc	3.00		
1" PPR Elbow	pc	6.00		
1" PPR Union Patente	pc	4.00		
1" PPR Gate Valve	pc	1.00		
1" Fittings clamp (100/pack)	pack	2.00		
1" x 1/2" PPR Tee Reducer	pc	6.00		
1/2" PPR Pipe PN 20 x 4m	pc	13.00		
1/2" PPR Tee	pc	30.00		
1/2" PPR Elbow	pc	37.00		
1/2" PPR Female Threaded Elbow	pc	23.00		
Consumables (5% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
For installation of water line pipes:				
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
For chipping/cutting of walls:				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipt.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Ceiling, Metal Frame, 4.5mm Fiber Cement Board**

ITEMS: COST ID: 1003(1)a1 PRODUCTION RATE: sq.m./hr
 QTY: 154.66 sq.m. NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
4.5mm x 4' x 8' Hardieflex Fiber Cement Board	pc	57.00		
0.80mm x 19mm x 50mm x 5m Metal Double Furring Channel	pc	175.00		
1.00mm x 12mm x 38mm x 5m Carrying Channel	pc	56.00		
0.50mm x 25mm x 25mm x 3m Wall Angle	pc	37.00		
Hanger Bars	pc	155.00		
Hardie Joint Perforated Tape for Hardieflex 2" x 250"	roll	6.00		
5/32" x 3/4" Blind Rivets	box	5.00		
1" Metal Screw	pc	619.00		
1" x 2" Wood Moulding	pc	37.00		
Consumables (3% of Material Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipt.	Total Hours		
Minor Tools (10% of Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Modular Partition**
 ITEMS:

COST
 ID: 1003(22)

TOTAL PRODUCTIVITY :

QTY: 0.72 sq.m.

NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
2 pcs - 0.3m x 1.2 Furnishing & Installation of Modular Urinal Partition : 12mm thick HPL Phenolic Board Urinal Partition complete w/ u profile, brackets (6/panel) and head rail. Scope of work: <i>Removal of all aluminum partitions and doors at Female and Male Washroom</i> <i>Labor cost for fabrication is included in the unit cost</i> <i>See plans for details</i> <i>Turn over all the removed materials to the Supply office/ to PPSDS office.</i> <i>Proper disposal of waste materials & cleaning after construction</i>	sq.m.	0.72		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Note: Labor cost for installation is included in the material unit cost				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipt.	Total Hours	Rate	Cost
Note: Equipment Cost is included in the Material Cost				
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
1. OCM 2. Contractor's Profit 3. 5 % VAT				
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: **Steel Doors and Frames**

COST ID: 1006(6)

PRODUCTION RATE:

sq.m./hr

QTY: 1.00 LS

NUMBER OF HOURS:

hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
5 set - 1.0m x 3.20m Fabricated Flush Steel Door with transom and steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks, D-2	sq.m.	16.00		
1 set - 0.90m x 2.25m Fabricated Flush Steel Door with transom and steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks, D-8	sq.m.	2.03		
3 set - 0.80m x 2.10m Fabricated Flush Steel Door with transom and steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks, D-10	sq.m.	5.04		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
<i>Fabrication and Installation:</i>				
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
<i>Removal of Windows and walls due to installation of additional steel doors</i>				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Welding machine				
Jack hammer				
Minor tools (10% Labor Cost)				
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
1. OCM _____				
2. Contractor's Profit _____				
3. 5 % VAT _____				
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY **Glass and Glazing**

ITEMS:

COST

ID: 1012(6)

PRODUCTION RATE:

sq.m./hr

QTY: 1.00 LS

NUMBER OF HOURS:

hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
4 pcs - 1/4" thk x 0.41m x 0.58m Frosted Glass	sq.m.	0.95		
3 pcs - 1/4" thk x 4' x 8' Clear Glass	sq.m.	8.64		
Silicon Sealant , clear, 300ml/tube	tube	5.00		
Consumables (3% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipmt.	Total Hours	Rate	Cost
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Glazed Tiles and Trims**
 ITEMS:

COST
 ID: 1018 (1) PRODUCTION RATE: sq.m./hr
 QTY: 23.09 sq.m NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
30cm x 60cm Ceramic Glazed Tiles (CR)	pc	125.00		
30cm x 60cm Ceramic Glazed Tiles (Room)	pc	17.00		
Tile Trim x 8'	pc	31.00		
Tile Grout, 2kg (original)	bag	3.00		
Tile Adhesive, 25kg (original)	bag	4.00		
Portland Cement	gal	8.00		
Screened Sand, S-1	cu.m.	1.00		
Consumables (3% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Installation of tiles:				
Construction Foreman				
Skilled Labor				
Unskilled Labor				
Chipping of walls:				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Eqipt.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM			
	2. Contractor's Profit			
	3. 5 % VAT			
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Unglazed Tiles**
 ITEMS:

COST
 ID: 1018 (2) PRODUCTION RATE: sq.m./hr
 QTY: 35.91 sq.m NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
60cm x 60cm Ceramic Unglazed Tiles	pc	105.00		
Tile Grout, 2kg (original)	bag	5.00		
Tile Adhesive, 25kg (original)	bag	6.00		
Portland Cement	bag	12.00		
Screened Sand, S-1	cu.m.	1.00		
Sahara Waterproofing Cement Compound	bag	12.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Installation of tiles:				
Construction Foreman				
Skilled Labor				
Unskilled Labor				
Removal of floor tiles & Chipping of floors				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY **Cement Plaster Finish**
 ITEMS:

COST ID: 1027(1) PRODUCTION RATE: sq.m./hr.
 QTY: 92.11 sq.m NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Portland Cement	bags	30.00		
Screened & Washed Sand S-1	cu m	3.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Eqpmt.	Total Hours	Rate	Cost
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY
 ITEMS: Painting Works, Masonry

COST ID: 1032(1)a
 QTY: **244.76** sq. m.
 PRODUCTION RATE: _____ sq.m/hr
 NUMBER OF HOURS: _____ hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Acrylic Flat Latex Paint	pail	3.00		
Topcoat Acrylic Semi-Gloss Paint (for ceiling)	pail	4.00		
Topcoat Acrylic Semi-Gloss Paint (for walls)	pail	9.00		
Patching Compound	gal	13.00		
Consumables (5% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipmt.	Total Hours	Rate	Cost
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM	_____		
	2. Contractor's Profit	_____		
	3. 5 % VAT	_____		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY: Painting Works, Steel
ITEMS:

COST ID: 1032(1)c

PRODUCTION
RATE:
NUMBER OF
HOURS:

sq.m/hr

QTY: **381.00** sq.
m.

hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Red Oxide Primer	pail	3.00		
Quick Dry Enamel, Dark Brown	pail	2.00		
Quick Dry Enamel (window)	gal	8.00		
Glazing Putty	gal	20.00		
Paint Thinner	gal	24.00		
Consumables (5% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equip.	Total Hours	Rate	Cost
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1.	OCM	_____	
	2.	Contractor's Profit	_____	
	3.	5 % VAT	_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: PVC Doors and Frames

COST ID: 1043(1)

PRODUCTION RATE: sq.m/hr

QTY: **10.92** sq. m.

NUMBER OF HOURS: hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
4 set - 0.70m x 2.10m PVC Door and Frame with complete accessories (door knob, hinges, etc.)	sq.m.	5.88		
4 set - 0.60m x 2.10m PVC Door and Frame with complete accessories (door knob, hinges, etc.)	sq.m.	5.04		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Minor Tools (10% Labor Cost)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
				TOTAL COST (D + E)
				UNIT COST

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY ITEMS: CHB Non-Load Bearing (including Reinforcing Steel), 100mm
 COST ID: 1046(2)a1
 QTY: **6.16 sq.m**

PRODUCTION RATE: _____ sq.m/hr
 NUMBER OF HOURS: _____ hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Portland Cement	bag	4.00		
Screened & Washed Sand S-1	cu.m	1.00		
4" CHB	pc.	81.00		
8.00 pcs - 10mm dia. x 6.0m Deformed RSB	kg	29.57		
Tie Wire # 16	kg	2.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Labor				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
Minor tools				
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM		_____	
	2. Contractor's Profit		_____	
	3. 5 % VAT		_____	
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY
 ITEMS: Conduit Boxes & Fittings (Conduit Work/Conduit Rough-in)
 COST ID: 1100(10) Productivity: m/hr 15-32mmØ
 QTY: 1.00 LS pc/hr pc/hr Junction/Utility/pull/square Box

		no. of hours	hours	
A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
20mmØ uPVC Pipe	pc	878.00		
25mmØ uPVC Pipe	pc	130.00		
40mmØ uPVC Pipe	pc	13.00		
50mmØ uPVC Pipe	pc	80.00		
50mmØ Entrance Cap with adaptor	pc	2.00		
400 ml.PVC Solvent	can	20.00		
Junction Box w/ cover and screw	pc	242.00		
2 x 4 Utility Box	pc	206.00		
Butane gas (270 ml)	can	20.00		
blow torch (for butane gas)	pc	3.00		
Consumables(clamps,ties, etc.)	ls	1.00		
note: Prior to the installation of electrical works secure a signed and sealed electrical plan by a Professional Electrical Engineer				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Installation of Conduit boxes and fittings				
REE/RME				
Skilled Laborer				
Unskilled Laborer				
Chipping of walls and floors				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Minor tools(10% of labor)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
1. OCM 2. Contractor's Profit 3. 5 % VAT				
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: Wires & Wiring Devices

COST ID: 1101(33)

Productivity: m/hr

QTY: **1.00 LS**

m/hr

m/hr

set/hr

set/hr

set/hr

no. of hours

hours

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
2.0mm ² THHN Cu. Wire	m	3,298.00		
3.5mm ² THHN Cu. Wire	m	2,708.00		
5.5mm ² THHN Cu. Wire	m	2,354.00		
8.0mm ² THHN Cu. Wire	m	857.00		
14mm ² THHN Cu. Wire	m	309.00		
22mm ² THHN Cu. Wire	m	75.00		
80mm ² THHN Cu. Wire	m	114.00		
100mm ² THHN Cu. Wire	m	237.00		
1-gang, switch wide series	set	9.00		
2-gang, switch wide series	set	21.00		
3 way Switch, Wide Series	set	4.00		
4 way Switch, Wide Series	set	2.00		
Rubber Tape	roll	4.00		
Electric Tape (16m)	roll	15.00		
Copper Coated Ground Rod 5/8 x 10	pc	1.00		
Ground Clamp 5/8	pc	1.00		
solderless connector 4/0 AWG	pc	3.00		
solderless connector 350 kcmil	pc	3.00		
2 Gang Universal Outlet w/ ground	set	116.00		
Air-conditioning Unit Outlet	set	23.00		
Square Floor Outlet Duplex	set	12.00		
Spool Insulator with rack for 3Ø w/ bolts and nuts	set	15.00		

Kilowatt-hour meter	set	1.00		
<p>note: The contractor's use of electricity will be tracked using a kwh meter, and payment will be made after the project (based on the Nuvelco rate). :Kwh meter will be handed over to PPSDS Office after the project.</p>				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
REE/RME Skilled Laborer Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipmt.	Total Hours	Rate	Cost
Minor tools(10% of labor)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM			
	2. Contractor's Profit			
	3. 5 % VAT			
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY: Panel board with Main and Branch
 ITEMS: Breakers
 COST ID: 1102(1) Productivity: set/hr
 QTY: 1.00 LS set/hr

		no. of hours		hours
A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Main Distribution Panel Board, 3-pole center main + 2 branch 3-pole with copper hot and ground bus bars	set	1.00		
6 branches, 3-pole panel Board + 3-pole center main, with copper hot and ground bus bars	set	1.00		
8 branches, 3-pole panel Board + 3-pole center main, with copper hot and ground bus bars	set	1.00		
12 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars	set	1.00		
8 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars	set	1.00		
6 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars	set	8.00		
4 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars	set	3.00		
15AT Circuit Breaker, 2 Pole	pc	25.00		
20AT Circuit Breaker, 2 Pole	pc	29.00		
30AT Circuit Breaker, 2 Pole	pc	23.00		
40AT Circuit Breaker, 3 Pole	pc	24.00		
60AT Circuit Breaker, 3 Pole	pc	2.00		
150AT Molded Case Circuit Breaker, 3 Pole	pc	4.00		
200AT Molded Case Circuit Breaker, 3 Pole	pc	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost

Main:	REE/RME Skilled Laborer Unskilled Laborer				
Circuit breaker:	REE/RME Skilled Laborer Unskilled Laborer				
SUB - TOTAL (B)					
C. EQUIPMENT COST	QUANTITY		Hourly	Total	
	No. of Equipt.	Total Hours	Rate	Cost	
Minor tools(10% of labor)	1	LS			
SUB - TOTAL (C)					
D. TOTAL DIRECT COST (A + B + C)					
ADD: INDIRECT COST					
	1.	OCM			
	2.	Contractor's Profit			
	3.	5 % VAT			
E. TOTAL INDIRECT COST					
TOTAL COST (D + E)					
UNIT COST					

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY Lighting Fixtures and
 ITEMS: Lamps
 COST ID: 1103(1) Productivity: set/hr
 QTY: **1.00** **LS** set/hr

	UNIT	QUANTITY	UNIT COST	TOTAL COST
A. MATERIALS				
LED Tube T8 18watts	pcs	180.00		
LED 15W Surface Panel Lights Circle	pcs	51.00		
LED Automatic Twin Head Emergency Lights with Battery Back-up	pcs	23.00		
Surface Type Twin Louver (2x18W)	pcs	41.00		
Surface Type Single (1x18W)	pcs	98.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Main: REE/RME				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipt.	Total Hours		
Minor tools(10% of labor)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
		1. OCM		
		2. Contractor's Profit		
		3. 5 % VAT		
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**

PAY ITEMS: Fire Alarm System

COST ID: 1208(1) Productivity: m/hr

QTY: 1.00 LS m/hr

 886.00 In m m/hr

 73.00 pcs

		no. of hours		hours
A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
3.5mm ² THHN Cu. Conductor	m	590		
15mmØ RSC	pc	99.00		
G.I Octagonal Box	pc	18.00		
15mmØ Liquid Tight Conduit	m	50.00		
G.I Clamp	pc	34.00		
G.I 15mmØ Coupling	pc	49.00		
G.I Utility Box	pc	6.00		
<i>note: Prior to the installation of FDAS secure a signed and sealed FDAS plan by a PECE.</i>				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	. Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Minor tools(10% of labor)	1	LS		
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM			
	2. Contractor's Profit			
	3. 5 % VAT			
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY
 ITEMS: Fire Alarm Bell
 COST ID: 1208(4) Productivity:
 QTY: **2.00 set** set/hr

		no. of hours		hours
A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Fire Alarm Bell, 24Vdc, 80-95bd	set	4.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled Laborer Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equip.	Total Hours	Rate	Cost
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
	1. OCM			
	2. Contractor's Profit			
	3. 5 % VAT			
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY: Fire Alarm Control Panel
 ITEMS:
 COST ID: 1208(5)
 QTY: **1.00 set**

		no. of hours		hours
A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Fire Alarm Control Panel, 4 zone, with battery Backup, complete accessories	set	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled Laborer Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipmt.	Total Hours	Rate	Cost
SUB - TOTAL (C)				
D. TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
1. OCM				
2. Contractor's Profit				
3. 5 % VAT				
E. TOTAL INDIRECT COST				
TOTAL COST (D + E)				
UNIT COST				

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY: Manual Pull Station Switch
 ITEMS:
 COST ID: 1208(6) Productivity:
 QTY: **9.00** **set** set/hr

		no. of hours		hours	
A. MATERIALS	s	UNIT	QUANTITY	s	TOTAL COST
Fire Alarm Manual Pull Station, 24Vdc		set	9.00		
SUB-TOTAL (A)					
B. LABOR COST	QUANTITY		Hourly	Total	
	No. Personnel	Total Hours	Rate	Cost	
Construction Foreman					
Skilled Laborer					
Unskilled Laborer					
SUB - TOTAL (B)					
C. EQUIPMENT COST	QUANTITY		Hourly	Total	
	No. of Equipmt.	Total Hours	Rate	Cost	
Minor tools(10% of labor)	1	LS			
SUB - TOTAL (C)					
D. TOTAL DIRECT COST (A + B + C)					
ADD: INDIRECT COST					
	1.	OCM			
	2.	Contractor's Profit			
	3.	5 % VAT			
E. TOTAL INDIRECT COST					
TOTAL COST (D + E)					
UNIT COST					

Unit Price Analysis

JOB: **Repair/Improvement of Existing Graphic Arts Building**
 PAY: Smoke Detector with Base
 ITEMS:
 COST ID: 1208(2) Productivity:
 QTY: 7.00 set set/hr

		no. of hours		hours	
A. MATERIALS		UNIT	QUANTITY	s	TOTAL COST
Smoke Detector Photoelectric, 9Vdc- 28Vdc		set	7.00		
SUB-TOTAL (A)					
B. LABOR COST		QUANTITY		Hourly Rate	Total Cost
		No. Personnel	Total Hours		
Construction Foreman					
Skilled Laborer					
Unskilled Laborer					
SUB - TOTAL (B)					
C. EQUIPMENT COST		QUANTITY		Hourly Rate	Total Cost
		No. of Equipmt.	Total Hours		
Minor tools(10% of labor)		1	LS		
SUB - TOTAL (C)					
D. TOTAL DIRECT COST (A + B + C)					
ADD: INDIRECT COST					
1. OCM 2. Contractor's Profit 3. 5 % VAT					
E. TOTAL INDIRECT COST					
TOTAL COST (D + E)					
UNIT COST					

MATERIALS DESCRIPTION	UNIT PRICE	UNIT
GI Pipe, 1 1/4"		/pc
Swivel Clamp		/pc
Marine Plywood, 1/2" thick		/pc
Safety Helmets, OSHC certified - White, yellow & Blue, etc.		/pc
Safety Gloves (Rubber palm Orange 90g)		/pc
Safety Shoes, steel toe - rental basis		/ls
Printed Tarpaulin Project Billboard (4' x 8' complete content), DPWH Standard		/set
Printed tarpaulin safety sign boards 3" X 4"		/set
1/4" x 4" x 8" Phenolic Board		/pc
Caution Tapes, 2" x 300m		/roll
Nylon Rope, 16mm Ø		/m
Mixed Gravel and Sand		/cu.m.
Screened and Washed Gravel, G-1		/cu.m.
Screened & Washed Sand, S-1		/cu.m.
Portland Cement, 40kg/bag - Holcim		/bag
16mm ø x 6.0m RSB Grade 40		/kg
12mm ø x 6.0m RSB Grade 40		/kg
10mm ø x 6.0m RSB Grade 40		/kg
Tie Wire #16		/kg
1/2" thk. Phenolic Board		/pc
2" x 2" x 8' Good lumber		/bd.ft.
2" x 3" x 8' Good lumber		/bd.ft.
Assorted CW Nails		/kg
Assorted Concrete Nails		/kg
4" uPVC Pipe S1000		/pc
4" x 45° uPVC Elbow		/pc
4" x 90° uPVC Elbow		/pc
4" uPVC Wye		/pc
4" uPVC Clean out		/pc
2" uPVC Pipe S1000		/pc
2" x 45° uPVC Elbow		/pc
2" x 90° uPVC Elbow		/pc
4" x 2" uPVC Wye		/pc
2" uPVC Wye		/pc
4" x 2" uPVC Tee		/pc
2" uPVC Clean out		/pc

2" uPVC Ptrap		/pc
4" PVC Strap		/pc
2" PVC Strap		/pc
PVC Solvent (400cc/can)		/can
Fabricated 1 1/2" Flat Bar PVC Pipe Strap		/pc
Toilet Bowl Two-Piece, Dual Flush Water Closet, with soap and tissue holder and complete accessories		/set
Stainless Steel Handheld Toilet Bidet Sprayer Set		/set
Urinal, Wall hung, Complete accessories (Push Button Type)		/set
Lavatory, Wall Hung, Semi pedestal, Complete w/ stainless accessories: faucet, p-traps, etc		/set
Heavy Duty Stainless Steel Gooseneck Faucet, Shower Head		/set
Heavy Duty Stainless Steel Tap Faucets		/set
30 x 10 x 5.5cm Rectangular Stainless Steel Heavy Duty Sink Drain		/set
100mm Stainless Steel Heavy Duty Floor Drain		/set
Stainless Steel Grab Bar, 40mm dia.		/ln.m.
0.6m x 1.2m Wooden Framed Facial Mirror		/set
25mm dia. Water Meter		/pc
1" PPR Pipe PN 20 x 4m		/pc
1" PPR Tee		/pc
1" PPR Elbow		/pc
1" PPR Union Patente		/pc
1" PPR Gate Valve		/pc
1" Fittings clamp (100/pack)		/pack
1" x 1/2" PPR Tee Reducer		/pc
1/2" PPR Pipe PN 20 x 4m		/pc
1/2" PPR Tee		/pc
1/2" PPR Elbow		/pc
1/2" PPR FemaleThreaded Elbow		/pc
Teflon		/pc
4.5mm x 4' x 8' Fiber Cement Board		/pc
0.80mm x 19mm x 50mm x 5m Metal Double Furring Channel		/pc
1.00mm x 12mm x 38mm x 5m Carrying Channel		/pc
0.50mm x 25mm x 25mm x 3m Wall Angle		/pc
Hardie Joint Perforated Tape for Hardieflex 2" x 250"		/roll
5/32" x 3/4" Blind Rivets		/box
1" x 2" Wood Moulding		/pc
#REF!		/pc

Furnishing & Installation of Modular Toilet Partition: 12mm thick HPL Phenolic Board (Anti-Bacterial) Toilet Partition complete with stainless chrome accessories, hinges bracket, head rail, adjustable footleg, h profile, u profile, rising hinge, HD screws, Knob handle, indicator lockset, etc	/sq.m.
Furnishing & Installation of Modular Toilet Door: 12mm thick HPL Phenolic Board doors w/ HD Stainless hydraulic soft closing concealed hinges, lockset/latches & stainless C-puller.	/sq.m.
Furnishing & Installation of Modular Urinal Partition : 12mm thick HPL Phenolic Board Urinal Partition complete w/ u profile, brackets (6/panel) and head rail.	/sq.m.
Fabricated Flush Steel Door with steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks	/sq.m.
Fabricated Steel Door with side vision glass, steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks	/sq.m.
Fabricated Steel Door with steel louver, steel framed jamb, cylindrical hinges, barrel bolts (inside and out) and pad locks	/sq.m.
Aluminum Framed Sliding Glass Window with 1/4" thk Clear Glass and complete accessories	/sq.m.
Aluminum Framed Awning Glass Window with 1/4" thk Clear Glass and complete accessories	/sq.m.
1/4" thk x 0.41m x 0.58m Frosted Glass	/sq.m.
1/4" thk x 4' x 8' Clear Glass	/sq.m.
Silicon Sealant , clear, 300ml/tube	/tube
0.5mm x 0.6m x 8' Prepainted Ridge Roll	/pc
0.5mm x 8' Prepainted Box End Flashing	/pc
0.5mm x 0.15m x 0.15mx 8' Prepainted Gutter	/ln.m.
0.5mm thk.x 1.10m x 14.95 m Prepainted RoofingSheets	/ln.m.
0.5mm thk.x 1.10m x 1.86 m Prepainted RoofingSheets	/box
5/32" x 3/4" Blind Rivets (500pcs/box)	/box
1/4" x 2 1/2" Tekcrew (500pcs/box)	/box
Sealant (1/4 li / can)	/can
Roof Sealant (1 li / can)	/can
30cm x 60cm Ceramic Glazed Tiles	/pc
60cm x 60cm Ceramic Unglazed Tiles	/pc
Tile Trim x 8'	/pc
Tile Grout, 2kg (original)	/bag
Tile Adhesive, 25kg (original)	/bag
Sahara Cement	/bag

Acrylic Flat Latex Paint (White)		/pail
Topcoat Acrylic Semi-Gloss Paint		/pail
Concrete Epoxy		/gal
Masonry Putty		/gal
Concrete Neutralizer		/gal
Tinting Color		/can
Red Oxide Primer		/pail
Portland Cement		/bag
Screened Sand, S-1		/cu.m.
Acrylic Flat Latex Paint		/pail
Patching Compound		/gal
Quick Dry Enamel, White		/pail
Quick Dry Enamel, Black		/gal
Quick Dry Enamel, Yellow		/gal
Quick Dry Enamel, Light Brown		/gal
Quick Dry Enamel Paint (approved color)		/gal
Glazing Putty		/gal
Tinting Color		/li
Paint Thinner		/gal
set - 0.70m x 2.10m PVC Door and Frame with complete accessories (door knob, hinges, etc.)		/sq.m.
set - 0.60m x 2.10m PVC Door and Frame with complete accessories (door knob, hinges, etc.)		/sq.m.
4" CHB		/pc
1.5mm x 2" x 4" x 6.0m C-Purlins		/kg
1.5mm x 2" x 8" x 6.0m C-Purlins		/kg
Welding Rod		/kg
4" GI Pipe x 6.0m Schedule 40		/pc
2 1/2" GI Pipe x 6.0m Schedule 40		/pc
1 1/2" Ø x 6.0m GI Pipe		/pc
20mm x 0.3m x 0.5m Steel Plate		/kg
20mm x 0.3m x 0.3m Steel Plate		/kg
12mm x 0.15m x 0.15m Steel Plate		/kg
4mm x 2 1/2" x 2 1/2" Steel Plate		/kg
1.2mm x 1" x 2" x 6.0m Rectangular Tube		/kg
1.2mm x 2" x 2" x 6.0m Tubular		/kg
1.2mm x 2" x 4" x 6.0m Rectangular Tube		/kg
2mm x 2" x 6" x 6.0m Rectangular Tube		/kg
16mm Anchor Bolt with nut		/pc

5/16" x 65mm Expansion Bolt		/pc
1/4" x 2" Heavy Duty Expansion Bolts		/pc
Powerhouse Inverter Welding Machine, Electric Driven 500 Amp		/set
14" Heavy Duty Cut-Off Machine		/set
6mm x 2" x 2" x 6.0m Angular Bar		/kg
4mm x 2" x 2" x 6.0m Angular Bar		/kg
12mm x 6.0m Square Bar		/kg
20mmØ uPVC Pipe		/pc
25mmØ uPVC Pipe		/pc
40mmØ uPVC Pipe		/pc
50mmØ Entrance Cap with adaptor		/pc
400 ml.PVC Solvent		/pc
Junction Box w/ cover and screw		/pc
2 x 4 Utility Box		/pc
Butane gas (270 ml)		/set
Blow Torch to butane gas		/pc
2.0mm ² THHN Cu. Wire		/ln.m.
3.5mm ² THHN Cu. Wire		/ln.m.
5.5mm ² THHN Cu. Wire		/ln.m.
8.0mm ² THHN Cu. Wire		/ln.m.
14mm ² THHN Cu. Wire		/ln.m.
22mm ² THHN Cu. Wire		/ln.m.
80mm ² THHN Cu. Wire		/ln.m.
100mm ² THHN Cu. Wire		/roll
1-gang, switch wide series		/set
2-gang, switch wide series		/set
3 way Switch, Wide Series		/set
4 way Switch, Wide Series		/set
Rubber Tape		/roll
Electric Tape (16m)		/roll
Copper Coated Ground Rod 5/8 x 10		/pc
Ground Clamp 5/8		/pc
solderless connector 4/0 AWG		
solderless connector 350 kcmil		/pc
2 Gang Universal Outlet w/ ground		/set
Air-conditioning Unit Outlet		
Square Floor Outlet Duplex		
Spool Insulator with rack for 3Ø w/ bolts and nuts		/set
Kilowatt-hour meter		

Main Distribution Panel Board, 3-pole center main + 2 branch 3-pole with copper hot and ground bus bars		/pc
6 branches, 3-pole panel Board + 3-pole center main, with copper hot and ground bus bars		/pc
8 branches, 3-pole panel Board + 3-pole center main, with copper hot and ground bus bars		
12 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars		/pc
8 branches 2-pole Panel board + 2-pole Center main with hot and ground bus bars		/pc
15AT Circuit Breaker, 2 Pole		/pc
20AT Circuit Breaker, 2 Pole		/set
30AT Circuit Breaker, 2 Pole		/pc
40AT Circuit Breaker, 3 Pole		/set
60AT Circuit Breaker, 3 Pole		/pc
150AT Molded Case Circuit Breaker, 3 Pole		/pc
200AT Molded Case Circuit Breaker, 3 Pole		/pc
LED Tube T8 18watts		/pc
LED 15W Surface Panel Lights Circle		/pc
LED Automatic Twin Head Emergency Lights with Battery Back-up		/pc
Surface Type Twin Louver (2x18W)		/pc
Surface Type Single (1x18W)		/set
15mmØ RSC		/pc
G.I Octagonal Box		/m
15mmØ Liquid Tight Conduit		/pc
G.I Clamp		/m
G.I 15mmØ Coupling		/pc
Fire Alarm Bell, 24Vdc, 80-95bd		/set
		/set
Fire Alarm Control Panel, 4 zone, with battery Backup, complete accessories		
Fire Alarm Manual Pull Station, 24Vdc		/set
Smoke Detector Photoelectric, 9Vdc-28Vdc		/set

SUMMARY OF MANPOWER

MANPOWER	UNIT	RATE/HR
Safety & Health Practitioner	Hr	
Liaison Officer	Hr	
Construction Foreman	Hr	
Skilled Labor	Hr	
Unskilled Labor	Hr	
Foreman	Hr	

SUMMARY OF EQUIPMENTS

EQUIPMENT	UNIT	RATE/HR
Welding Machine	Hr	
Jack Hammer	Hr	

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/manufacture/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 guidelines¹ for this purpose;

¹ currently based on GPPB Resolution No. 09-2020

- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- 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] Capacity] for:

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]

[Insert Procuring Entity]

[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] [Insert signatory's legal capacity] Affiant

[Jurat]

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

