

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

*For Project 2023-10i: Improvement of Landscape and
Construction of Main Entrance Arc Bayombong Campus
(2nd Advertisement)*

**Sixth Edition
July 2020**

Preface

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

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

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

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

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

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

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 2023-10i: Improvement of Landscape and Construction of Main Entrance Arc Bayombong Campus (2nd Advertisement)

1. The *Nueva Vizcaya State University*, through the *Special Trust Fund (STF164)* intends to apply the sum of *Php3,933,406.00* being the Approved Budget for the Contract (ABC) to payments under the contract of the following projects:

01	Improvement of Landscape Between Library and Old Administration	Php1,933.406.00
LOT	Construction of Main entrance ARC and Site Development	2,000,000.00
		3,933,406.00

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 150 and 120 *calendar days*. Bidders should have completed within two (02) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non- discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from *Nueva Vizcaya State University* and inspect the Bidding Documents at the address given below from *Mondays to Fridays, 8:00AM to 5:00PM*.
5. A complete set of Bidding Documents may be acquired by interested bidders starting on August 8, 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 *August 16, 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 August 29, 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.
9. Bid opening shall be on *August 29, 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.
10. The *Nueva Vizcaya State University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

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

NVSU LANDBANK ACCOUNT No.: 0432-1028-82

12. You may visit the website:

For downloading of Bidding Documents: **www.nvsu.edu.ph** on August 8, 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.

a. Scope of Bid

The Procuring Entity, *Nueva Vizcaya State University* Invites Bids for the *Improvement of Landscape and Construction of Main Entrance Arc for Bayombong Campus (2nd Advertisement)* with Project Identification Number *Project 2023-10i*.

[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).

b. Funding Information

- i.* The GOP through the source of funding as indicated below for *FY2023 through the Special Trust Fund (STF-164)* in the amount of *Php3,933,406.00*.
- ii.* The source of funding is:
 - a.* NGA, the General Appropriations Act or Special Appropriations.

c. 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.

d. 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.

e. Eligible Bidders

- i. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- ii. 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**.

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

f. 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.

g. Subcontracts

- i. 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:

1. 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.

7.1. The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterion stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

7.2. 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.

h. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

i. 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.

j. Documents Comprising the Bid: Eligibility and Technical Components

- i. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.

- ii. 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.
- iii. 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**.
- iv. 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**.
- v. 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**.

k. Documents Comprising the Bid: Financial Component

- i. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- ii. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- iii. 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.

l. 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.

m. 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.

n. Bid and Payment Currencies

- i. 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.
- ii. *Payment of the contract price shall be made in:*
 1. Philippine Pesos.

o. Bid Security

- i. 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**.
- ii. 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.

p. 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.

q. 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**.

r. Opening and Preliminary Examination of Bids

- i. 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.

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

s. Detailed Evaluation and Comparison of Bids

- i. 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.
- ii. 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.
- iii. 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.

t. 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**.

u. 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: Improvement of Landscape and Construction of Main Entrance Arc for Bayombong Campus <i>[provide description/clarification of what are major categories of work].</i>															
7.1	<i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i>															
10.3	<i>[Specify if another Contractor license or permit is required.]</i>															
10.4	The key personnel must meet the required minimum years of experience set below: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>Civil Engineer</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Electrical Engineer</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Safety Officer</td> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Construction Foreman</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Civil Engineer	5	3	Electrical Engineer	5	3	Safety Officer	3	1	Construction Foreman	5	3
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>														
Civil Engineer	5	3														
Electrical Engineer	5	3														
Safety Officer	3	1														
Construction Foreman	5	3														
10.5	The minimum major equipment requirements are the following: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: center;"><u>Capacity</u></th> <th style="text-align: center;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td> </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: <p style="margin-left: 40px;">a. The amount of not less than Seventy-Eight Thousand Six Hundred Sixty-Eight pesos and 12/100 only (<u>Php78,668.12</u>) <i>[Insert two percent (2%) of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p style="margin-left: 40px;">b. The amount of not less than One Hundred Ninety-Six Thousand Six Hundred Seventy pesos and /100 only (<u>Php196,670.30</u>) <i>[Insert five percent (5%) of ABC]</i> if bid security is in Surety Bond.</p>															
19.2	Partial bids are allowed, as follows: <i>[Insert grouping of lots by specifying the items and the quantity for every identified lot.] 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.
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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.
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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.

Sub Lot 1

CONTRACTOR'S HEADING

Proposed Project: **2023-10i: Improvement of Landscape Between Library and Old Administration Bayombong Campus**

Location: **NVSU Bayombong Campus**

Mode of Implementation: **By Contract**

ABC: Php1,933,406.00

Duration: **150 CD**

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.5	Project Billboard/Signboard	each	1.00		
B.7(2)	Occupational Safety and Health Program	LS	1.00		
800(2)	Clearing and Grubbing	LS	1.00		
800(3)a1	Individual Removal of Trees, 150-300mm Ø	each	2.00		
800(3)a3	Individual Removal of Trees, 501-750mm Ø	each	4.00		
801(1)	Removal of Structures and Obstructions	LS	1.00		
803(1)a	Structure Excavation, Common Soil (Manual)	cu.m.	43.29		
804(1)a	Embankment, From Structure Excavation	cu.m.	21.71		
804(4)	Gravel Fill	cu.m.	7.44		
807(1)	Site Development	LS	1.00		
807(6)a	Hardscape, Fountain	LS	1.00		
807(8)b	Aquatic, Animal	each	15.00		
900(1)a1	Structural Concrete	cu.m	49.52		
902(1)a	Reinforcing Steel (Deformed) Grade 40	kgs	1,778.25		
903(2)	Formworks and Falseworks	sq.m.	47.56		
1001(1)a	Pipe and Fittings	LS	1.00		
1016(1)b	Waterproofing, Liquid	sq.m	41.87		
1018 (1)	Glazed Tiles and Trims	sq.m	58.52		
1018 (7)	Textured Unglazed Tiles	sq.m	13.79		
1027(1)	Cement Plaster Finish	sq.m	536.74		
1032(1)a	Painting Works, Masonry	sq. m.	536.74		
1032(1)c	Painting Works, Steel	sq. m.	59.02		
1046(2)a1	CHB Non-Load Bearing (including Reinforcing Steel), 100mm	sq.m	432.60		
1051(5)	Metal Railings	m	36.55		
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		
1201(1)	Water Pumping System	LS	1.00		

TOTAL			
TOTAL ESTIMATED COST:			

Prepared by:

Contractor's Representative

Unit Price Analysis

JOB: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY

ITEMS: Construction of Field Office for the Engineer

COST

ID: A.1.1(3)

PRODUCTION RATE:

QTY: 1.00 LS

NUMBER OF HOURS: 8.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
<p>Construction of Temporary Field Office, Bunkhouse with comfort room, wash area, water supply, electrical supply, and waste disposal pit.</p> <p><i>Note:</i></p> <ol style="list-style-type: none"> 1. All materials to be used for this item shall be rental basis. 2. Field office location shall be identified by PPSDS-Infra section upon start of the construction. 3. Temporary field office shall be removed after the completion of the project. The area shall be free from waste/debris. 4. Water supply line shall be provided with non-defective brand new water meter to be installed once the project commenced. 5. Power supply line shall be provided with non-defective electric meter. 6. Field office and bunkhouse shall be properly maintained at all times. 	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
<p>Construction Foreman</p> <p>Skilled Labor</p> <p>Unskilled Labor</p>				
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**
 PAY
 ITEMS: Project Billboard/Signboard
 COST
 ID: B.5
 QTY: **1.00 each**

PRODUCTION
 RATE:
 NUMBER OF
 HOURS: **4.00 hr**

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Framing and Installation of Printed Tarpaulin Project Billboard (4' x 8' complete content), DPWH Standard, see sample Note: PROJECT BILLBOARD MUST BE INSTALLED FIRST WHEN THE PROJECT STARTS	set	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Skilled Labor				
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

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
PPE's Rentals:				
Safety Helmet, Rental Basis	MD	2250.00		
Safety Vest, Approved Color	MD	2250.00		
Body Harness and Lanyard	MD	128.00		
Safety Shoes	MD	2250.00		
Safety Gloves	pair	15.00		
Safety Signage & Barricades:				
PPE Signage (4'x8')	set	2.00		
Safety First (4'x4')	set	2.00		
Warning Signs (2'x3')	set	5.00		
Caution Tape, 2" x 300m	roll	2.00		
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 Equip.	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: **Clearing and Grubbing**

COST ID: 800(2)

PRODUCTION RATE: 62.50 sq.m./hr

QTY: 1.00 LS

NUMBER OF HOURS: 12.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Scope of works:				
1. Relocation of existing plants to its designated areas.				
Name of Plants	#	Name of Plants	#	
1. Pygmy Date Palm	2	10. Macarthur Palm	1	
2. Asiatic Jasmine Plant	5	11. Green Mound Fig	2	
3. Evergreen Shrubs S1 Topiary	5	12. Palmera Tree	1	
4. Evergreen Shrubs S2 Topiary	10			
5. Dragon Tree	2			
6. Evergreen Shrubs S3 Topiary	2			
7. Bougainvillea	1			
8. Dwarf Sugar Palm	1			
9. Mirror Bush	2			
2. Clearing and removal of grasses and dirt at project site				
Area = 661.79 sq.m				
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. of 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)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY **Individual Removal of Trees, 150-300mm Ø**

ITEMS:
COST

PRODUCTION RATE:

1.00 ea/hr

ID: 800(3)a1

QTY: 2.00 each

NUMBER OF HOURS:

2.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1. Relocation of existing trees and shrubs to its designated areas.				
Name of Tree	#			
1. Fan Palm Tree 2 (Big)	2			
TOTAL	2			
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
Chain Saw	1.00	2.00		
Minor Tools (10% of Labor)	1.00	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)				

TOTAL COST (D + E)

UNIT COST

Unit Price Analysis

JOB: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Removal of Structures and Obstructions**

COST ID: 801(1) PRODUCTION RATE: 3.00 cu.m./hr

QTY: 1.00 LS NUMBER OF HOURS: 15.88 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Refer to attached specification for the scope of work				
Volume Computation				
Island 1:	Planter 1	10.18	cu.m.	
	Planter 2	7.35	cu.m.	
	Fountain	3.52	cu.m.	
		0.95	cu.m.	
		1.17	cu.m.	
	Walkway	1.61	cu.m.	
Island 2:	Planter 1	9.97	cu.m.	
	Planter 2	6.84	cu.m.	
	Flag Pole area	4.56	cu.m.	
	Walkway	1.472	cu.m.	
	TOTAL	47.64	cu.m.	
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
	Construction Foreman			
	Unskilled Laborer			
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
	Dump Truck	1.00	3.97	
	Jack Hammer	2.00	15.88	
	Minor Tools (10% of Labor)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY **Structure Excavation, Common Soil**

ITEMS: **(Manual)**

COST ID: 803(1)a

PRODUCTION RATE: 2.50 cu.m./hr

QTY: 43.29 cu.m.

NUMBER OF HOURS: 17.32 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
SUB-TOTAL (A) -				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Excavation: Construction Foreman Unskilled Laborer				
Disposal of excess: Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equip.	Total Hours	Rate	Cost
Minor Tools (10% of Labor)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Embankment, From Structure Excavation**

COST ID: 804(1)a PRODUCTION RATE: 9.84 cu.m./hr
 QTY: 21.71 cu.m. NUMBER OF HOURS: 2.21 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
SUB-TOTAL (A) -				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. of Personnel	Total Hours		
Construction Foreman Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equip.	Total Hours		
Plate compactor	1.00	2.21		
Minor Tools (10% Labor Cost)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Site Development**

COST ID: 807(1)

PRODUCTION RATE:

QTY: 1.00 LS

NUMBER OF HOURS: 24.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1 1/2" dia. GI Pipe Sched 20	pc	11.00		
4" x 8" Steel Matting, 6mm wire diameter	pc	2.00		
1.2mm x 2" x 4" x 6.0m GI Tubular	set	27.00		
1.2mm x 2" x 2" x 6.0m GI Tubular	pc	1.00		
Consumables (5% of Material Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. of Personnel	Total Hours	Rate	Cost
Construction Foreman				
Skilled Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipt.	Total Hours	Rate	Cost
Welding Machine	1.00	12.00		
Minor Tools (10% Labor Cost)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Hardscape, Fountain**

COST ID: 807(6)a

PRODUCTION RATE: 1 set/hr

QTY: 1.00 LS

NUMBER OF HOURS: 25.00 hr

A. MATERIALS		UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	Stainless Steel Bubbling Fountain Nozzle Sprinkler Head, 32mm Ø	set	4.00		
	Stainless Steel Column Firework Nozzle Sprinkler Head, 32mm Ø	set	1.00		
	Stainless Steel Mushroom Fountain Nozzle Sprinkler Head, 32mm Ø	set	2.00		
	Stainless Steel Firework Fountain Nozzle Sprinkler Head, 32mm Ø	set	12.00		
	Stainless Steel Floor Drain Anti Clogging, 150mm	set	6.00		
	Consumables (5% of Material Cost)	LS	1.00		
SUB-TOTAL (A)					
B. LABOR COST		QUANTITY		Hourly Rate	Total Cost
		No. of 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% Labor Cost)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Aquatic, Animal**

COST ID: 807(8)b

PRODUCTION RATE:

QTY: 15.00 each

NUMBER OF HOURS: 4.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Furnishing of live and free from disease				
Koi fish, 8" - 12"	pc	15.00		
Koi food, Floating Pellets, 3mm	kg	25.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: Structural Concrete

COST ID: 900(1)a1

Combined
 Productivity: 0.36 cu.m./hr.
 No. of Hour: 137.00 Hr.

QTY: **49.52 cu.m**

A. MATERIALS : COST/UNIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Portland Cement, 40kg/bag	bags	421.00		
Screened & Washed Gravel, G-1	cu.m	50.00		
Screened & Washed Sand, S-1	cu.m	25.00		
Sahara Cement Waterproofing compound	kg	38.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipt.	Total Hours		
One bagger mixer	1.00	137.00		
Minor Tools (10% of Labor Cost)	1.00	LS		
SUB - TOTAL (C)				
TOTAL DIRECT COST (A + B + C)				
ADD: INDIRECT COST				
<ul style="list-style-type: none"> 1. OCM 2. Contractor's Profit 				

3.5 % VAT

TOTAL INDIRECT COST	59,243.01
TOTAL COST (D + E)	287,100.75
UNIT COST	5,797.67

Unit Price Analysis

JOB: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Reinforcing Steel (Deformed) Grade 40**

COST ID: 902(1)a Combined Productivity: 47.81 kg/hr
 QTY: 1,778.25 kgs NUMBER OF HOURS: 37.19 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
212.00 pcs - 12mm Ø x 6m RSB	kg	1,129.54		
172.00 pcs - 10mm Ø x 6m RSB	kg	635.71		
12mm Ø Anchor/Expansion bolt	pc	80.00		
Tie Wire #16	kg	13.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman				
Skilled Laborer				
Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost
	No. of Equipmt.	Total Hours		
Bar Cutter/Cut-off Machine	1.00	18.60		
Minor Tools (10% of Labor Cost)	1.00	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**
 PAY ITEMS: **Formworks and Falseworks**
 COST ID: 903(2) PRODUCTION RATE: 3.24 sq.m./hr
 QTY: 47.56 sq.m. NUMBER OF HOURS: 14.68 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1/2" thk. Phenolic Board	pc	17.00		
128 pcs - 2" x 2" x 8' Good lumber	bd. ft.	341.99		
Assorted CW Nails	kg	10.00		
Consumables (3% of Material Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Installation: Construction Foreman Skilled Laborer Unskilled Labor				
Stripping: Skilled Laborer Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equip.	Total Hours	Rate	Cost
Scaffolding Rentals	1	LS		
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY

Pipe and Fittings

ITEMS:

COST ID: 1001(1)a

PRODUCTION RATE:

QTY:

1.00

LS

NUMBER OF HOURS:

40.00 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
2" uPVC Pipe S1000	pc	9.00		
2" uPVC Elbow 90°	pc	11.00		
2" uPVC Sanitary Tee	pc	5.00		
2" uPVC Tee	pc	3.00		
2" uPVC End Cap	pc	6.00		
2" uPVC Gate Valve	pc	3.00		
20mm Ø x 4.0m PP-R Pipe PN 20	pc	23.00		
20mm Ø PP-R Elbow	pc	29.00		
20mm Ø PP-R Tee	pc	8.00		
20mm Ø PP-R Threaded Female Elbow	pc	22.00		
20mm Ø PP-R Gate Valve	pc	8.00		
20mm Ø PP-R Union Patente	pc	15.00		
25mm Ø x 20mm Ø PP-R Elbow Reducer	pc	1.00		
25mm Ø x 20mm Ø PP-R Tee Reducer	pc	4.00		
25mm Ø x 4.0m PP-R Pipe PN 20	pc	10.00		
25mm Ø PP-R Elbow	pc	2.00		
25mm Ø PP-R Gate valve	pc	2.00		
25mm Ø PP-R Union Patente	pc	3.00		
32mm Ø x 20mm Ø PP-R Coupling Reducer	pc	1.00		
32mm Ø x 25mm Ø PP-R Coupling Reducer	pc	1.00		
32mm Ø x 20mm Ø PP-R Tee Reducer	pc	7.00		
32mm Ø x 25mm Ø PP-R Tee Reducer	pc	1.00		
32mm Ø x 4.0m PP-R Pipe PN 20	pc	19.00		

32mm Ø PP-R Elbow	pc	5.00		
32mm Ø PP-R Tee	pc	1.00		
32mm Ø PP-R Gate Valve	pc	3.00		
32mm Ø PP-R Check Valve	pc	4.00		
32mm Ø PP-R Union patente	pc	12.00		
PVC Solvent (200cc/can)	can	2.00		
Consumables (5% of Material Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. of 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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Waterproofing, Liquid**

COST ID: 1016(1)b

PRODUCTION RATE: 5.772 sq.m./hr.

QTY: 41.87 sq.m

NUMBER OF HOURS: 7.25 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
DAVIES Aqua Floor, Crystal blue	gal	4.00		
DAVIES Mildewcide Wash Solution	li	4.00		
Consumables (3% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Application: Construction Foreman Skilled Labor Unskilled Labor				
Cleaning: Skilled Labor Unskilled Labor				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total
	No. of Equipt.	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: **Glazed Tiles and Trims**

COST ID: 1018 (1) PRODUCTION RATE: 1.365 sq.m./hr

QTY: 58.52 sq.m NUMBER OF HOURS: 42.87 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
30cm x 60cm Ceramic Glazed Tiles	pc	342.00		
Tile Trim x 8'	pc	8.00		
Tile Grout, 2kg (original)	bag	8.00		
Tile Adhesive, 25kg (original)	bag	9.00		
Portland Cement	gal	20.00		
Screened Sand, S-1	cu.m.	2.00		
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: **Textured Unglazed Tiles**

COST ID: 1018 (7)

PRODUCTION RATE: 1.365 sq.m./hr

QTY: 13.79 sq.m

NUMBER OF HOURS: 10.10 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
30cm x 60cm Textured Unglazed Tiles	pc	81.00		
Tile Grout, 2kg (original)	bag	2.00		
Tile Adhesive, 25kg (original)	bag	2.00		
Portland Cement	gal	5.00		
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		
Construction Foreman				
Skilled Labor				
Unskilled Labor				
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**
 PAY **Cement Plaster Finish**
 ITEMS:
 COST ID: 1027(1) PRODUCTION RATE: 7.125 sq.m./hr.
 QTY: 536.74 sq.m NUMBER OF HOURS: 75.33 hr

A. MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Portland Cement	bags	116.00		
Fine & Washed Sand S-1	cu m	15.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. of 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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY: Painting Works, Masonry

ITEMS:
COST ID: 1032(1)a

PRODUCTION RATE: 5.25 sq.m/hr
NUMBER OF HOURS: 102.236 hr

QTY: **536.74 sq. m.**

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Acrylic Flat Latex Paint (White)	pail	6.00		
Topcoat Acrylic Semi-Gloss Paint, White	pail	11.00		
Tinting color (assorted)	can	11.00		
Concrete Neutralizer	gal	11.00		
Patching Compound	gal	27.00		
Consumables (5% of Materials Cost)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. of Personnel	Total Hours		
Construction Foreman				
Skilled Labor				
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: Painting Works, Steel

COST ID: 1032(1)c

PRODUCTION RATE: 4.00 sq.m/hr

QTY: **59.02** sq. m.

NUMBER OF HOURS: 14.75 hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Red Oxide Primer	gal	3.00		
Quick Dry Enamel	gal	6.00		
Glazing Putty	gal	1.00		
Paint Thinner	gal	4.00		
Consumables (5% of Materials Cost)	LS	1.00		
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 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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: CHB Non-Load Bearing (including Reinforcing Steel), 100mm

COST ID: 1046(2)a1

PRODUCTION RATE: 3.825 sq.m/hr

QTY: **432.60 sq.m**

NUMBER OF HOURS: 113.097 hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Portland Cement	bag	228.00		
Screened Sand, S1	cu.m	18.00		
4" CHB	pc.	5,624.00		
380.00 pcs - 10mm dia. x 6.0m Deformed RSB	kg	1,401.61		
Tie Wire # 16	kg	22.00		
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	Total

	No. of Equip.	Total Hours	Rate	Cost
One Bagger Mixer	1	113.10		
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: Metal Railings

COST ID: 1051(5)

PRODUCTION RATE: 0.90 In.m./hr

QTY: **36.55** m

NUMBER OF HOURS: 40.61 hr

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
1 1/2" dia. x 6.0m GI Pipe Schedule 20	pc	10.00		
3/4" dia. x 6.0m GI Pipe	pc	7.00		
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 Laborer				
Unskilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total

	No. of Eqipt.	Total Hours	Rate	Cost
Welding Machine, Inverter Type	1	16.24		
Cut off Saw, Metal	1	10.15		
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: Conduit Boxes & Fittings (Conduit Work/Conduit Rough-in)

COST ID: 1100(10) Productivity: 3.534 m/hr 208.0

QTY: **1.00 LS** 1.00 pc/hr 38.0

no. of hours 245.98 hours

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Junction Box, weatherproof, for outdoor, 6x"6"x4", w/ cover and screw	set	60.00		
Tie Wire	kg	2.00		
32mmØ uPVC Thick Wall	pcs	30.00		
25mmØ uPVC Thick Wall	pcs	70.00		
32mmØ uPVC Long Elbow	pc	50.00		
25mmØ uPVC Long Elbow	pc	65.00		
32mmØ uPCV Male Thread Adaptor w/ Locknut	pc	6.00		
25mmØ uPCV Male Thread Adaptor w/ Locknut	pc	12.00		
32mmØ uPVC Connector	pc	10.00		
25mmØ uPVC Connector	pc	20.00		
32mmØ Entrance Cap with adaptor	pc	2.00		
Consumables (Butane Gas, PVC Solvent, etc.)	LS	1.00		
SUB-TOTAL (A)				
B. LABOR COST		QUANTITY	Hourly	Total

	No. Personnel	Total Hours	Rate	Cost
Conduits: Construction Foreman Skilled Laborer (Electrician)				
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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: Wires & Wiring Devices

COST ID: 1101(33)

Productivity:

QTY: **1.00 LS**

no. of hours 10.00 hours

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
3.5mm ² THHN Cu. Wire	In m	300.00		
5.5mm ² THHN Cu. Wire	In m	300.00		
Electric Tape (Big)	roll	10.00		
Rubber tape	roll	4.00		
Royal cord 16/2 (16 awg / 2 wire), 1.25mm ² , stranded	In m	300.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly	Total
	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled Laborer				
SUB - TOTAL (B)				
C. EQUIPMENT COST	QUANTITY		Hourly	Total

	No. of Eqipt.	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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: Panel board with Main and Branch Breakers

COST ID: 1102(1)

Productivity:

QTY: **1.00 LS** no. of hours **8.00** hours

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
15AT Circuit Breaker, 2 Pole	pc	6.00		
20AT Circuit Breaker, 2 Pole	pc	2.00		
30AT Circuit Breaker, 2 Pole	pc	2.00		
50AT Circuit Breaker, 2 Pole	pc	2.00		
NEMA 3R (8"x6"x4")	pc	2.00		
Wire gutter NEMA 4R (4"X4"X18")	pc	4.00		
6 branches Panel Board, 2P, Center Main, BOLT-ON MAIN AND BRANCHES, w/copper hot and ground busbars : Weatherproof panel board	set	2.00		
SUB-TOTAL (A)				
B. LABOR COST		QUANTITY	Hourly	Total

	No. Personnel	Total Hours	Rate	Cost
Construction Foreman Skilled 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: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY ITEMS: Lighting Fixtures and Lamps

COST ID: 1103(1)

Productivity:

QTY: **1.00 LS**

no. of hours **16.00** hours

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Solar Garden Light, Outdoor, Waterproof, 150-200 Lumen, 6-9 working hours	set	28.00		
Teardrop/rain tube light, length per tube:30cm (1cm Ø), 8 tubes per set, 220v (for topiary)	set	16.00		
Pond Lights - Underwater/Submersible Spot Light Lamp, 6 Watts, Multi color LED, with LED Lamp driver (1 driver for 4 Lamps), input 220 VAC / Output 24 VDC	set	1.00		
Wall light, Outdoor, Waterproof, Down light, LED 3watts, Warm White,	set	4.00		

220V,Dimension: 80X68X80mm, Aluminum black body Focus Light - LED Lawn/Landscape Spot light, 10Watts, IP65, 220V, with Spike	set	21.00		
Multicolor LED Fountain Ring light, 27W (9x3W), Color changing, Outer diameter: 160mm, Height: 36mm, with LED lamp driver (1 driver for 4 lamps), Input 220 VAC / Output 24 VDC	set	5.00		
Solar Garden Light, Fireworks, 120 LED	set	20.00		
SUB-TOTAL (A)				
B. LABOR COST	QUANTITY		Hourly Rate	Total Cost
	No. Personnel	Total Hours		
Construction Foreman Skilled 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				

Unit Price Analysis

JOB: **IMPROVEMENT OF LANDSCAPE BETWEEN LIBRARY AND OLD ADMIN**

PAY
ITEMS: Water Pumping System

COST ID: 1201(1)

PRODUCTION RATE:

QTY: **1.00 LS**

NUMBER OF HOURS: 16.00 hrs

A. MATERIALS	UNIT	QUANTITY	UNIT COST	TOTAL COST
Horizontal submersible fountain water pump, 1.0hP	set	1.00		
Shallow Well Water Pump, 1.5hP	set	1.00		
Stainless Steel Pressurized Tank, 82 gal	set	1.00		
Consumables	LS	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
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				

SUMMARY SHEET

MATERIALS DESCRIPTION	UNIT	UNIT PRICE
Framing and Installation of Printed Tarpaulin Project Billboard (4' x 8' complete content), DPWH Standard, see sample	set	
Safety Helmet, Rental Basis	MD	
Safety Vest, Approved Color	MD	
Safety Shoes	MD	
Safety Gloves	pair	
PPE Signage (4'x8')	set	
Safety First (4'x4')	set	
Warning Signs (2'x3')	set	
Caution Tape, 2" x 300m	roll	
1 1/2" dia. GI Pipe Sched 20	pc	
4" x 8" Steel Matting, 6mm wire diameter	pc	
1.2mm x 2" x 4" x 6.0m GI Tubular	set	
1.2mm x 2" x 2" x 6.0m GI Tubular	pc	

Climbing Plants	LS	
Stainless Steel Bubbling Fountain Nozzle Sprinkler Head, 32mm Ø	set	
Stainless Steel Mushroom Fountain Nozzle Sprinkler Head, 32mm Ø	set	
Stainless Steel Firework Fountain Nozzle Sprinkler Head, 32mm Ø	set	
Stainless Steel Floor Drain Anti Clogging, 150mm	set	
Koi fish, 8" - 12"	pc	
Koi food, Floating Pellets, 3mm	kg	
Portland Cement, 40kg/bag	bags	
Screened & Washed Gravel, G-1	cu.m	
Screened & Washed Sand, S-1	cu.m	
Sahara Cement Waterproofing compound	kg	
12mm Ø x 6m RSB	kg	
10mm Ø x 6m RSB	kg	
12mm Ø Anchor/Expansion bolt	pc	
Tie Wire #16	kg	
1/4" thk. Phenolic Board	pc	
2" x 2" x 8' Good lumber	bd. ft.	
Assorted CW Nails	kg	
2" uPVC Pipe S1000	pc	
2" uPVC Elbow 90°	pc	
2" uPVC Sanitary Tee	pc	
2" uPVC Tee	pc	
2" uPVC End Cap	pc	
2" uPVC Gate Valve	pc	
20mm Ø x 4.0m PP-R Pipe PN 20	pc	
20mm Ø PP-R Elbow	pc	
20mm Ø PP-R Tee	pc	
20mm Ø PP-R Threaded Female Elbow	pc	
20mm Ø PP-R Gate Valve	pc	
20mm Ø PP-R Union Patente	pc	
25mm Ø x 20mm Ø PP-R Elbow Reducer	pc	
25mm Ø x 20mm Ø PP-R Tee Reducer	pc	
25mm Ø x 4.0m PP-R Pipe PN 20	pc	
25mm Ø PP-R Elbow	pc	
25mm Ø PP-R Gate valve	pc	
25mm Ø PP-R Union Patente	pc	
32mm Ø x 20mm Ø PP-R Coupling Reducer	pc	
32mm Ø x 25mm Ø PP-R Coupling Reducer	pc	
32mm Ø x 20mm Ø PP-R Tee Reducer	pc	
32mm Ø x 25mm Ø PP-R Tee Reducer	pc	
32mm Ø x 4.0m PP-R Pipe PN 20	pc	
32mm Ø PP-R Elbow	pc	
32mm Ø PP-R Tee	pc	
32mm Ø PP-R Gate Valve	pc	
32mm Ø PP-R Check Valve	pc	
32mm Ø PP-R Union patente	pc	

PVC Solvent (200cc/can)	can	
DAVIES Aqua Floor, Crystal blue	gal	
DAVIES Mildewcide Wash Solution	li	
30cm x 60cm Ceramic Glazed Tiles	pc	
Tile Trim x 8'	pc	
Tile Grout, 2kg (original)	bag	
Tile Adhesive, 25kg (original)	bag	
30cm x 60cm Textured Unglazed Tiles	pc	
Acrylic Flat Latex Paint (White)	pail	
Topcoat Acrylic Semi-Gloss Paint, White	pail	
Tinting color (assorted)	can	
Concrete Neutralizer	gal	
Patching Compound	gal	
Red Oxide Primer	gal	
Quick Dry Enamel	gal	
Glazing Putty	gal	
Paint Thinner	gal	
Portland Cement	bag	
Screened Sand, S1	cu.m	
4" CHB	pcs	
1 1/2" dia. x 6.0m GI Pipe Schedule 20	pc	
3/4" dia. x 6.0m GI Pipe	pc	
Junction Box, weatherproof, for outdoor, 6"x6"x4", w/ cover and screw	set	
Tie Wire	kg	
32mmØ uPVC Thick Wall	pcs	
25mmØ uPVC Thick Wall	pcs	
32mmØ uPVC Long Elbow	pc	
25mmØ uPVC Long Elbow	pc	
32mmØ uPCV Male Thread Adaptor w/ Locknut	pc	
25mmØ uPCV Male Thread Adaptor w/ Locknut	pc	
32mmØ uPVC Connector	pc	
25mmØ uPVC Connector	pc	
20mm Ø PP-R Gate Valve	pc	
20mm Ø PP-R Union Patente	pc	
25mm Ø x 20mm Ø PP-R Elbow Reducer	pc	
25mm Ø x 20mm Ø PP-R Tee Reducer	pc	
25mm Ø x 4.0m PP-R Pipe PN 20	pc	
25mm Ø PP-R Elbow	pc	
25mm Ø PP-R Gate valve	pc	
25mm Ø PP-R Union Patente	pc	
32mm Ø x 20mm Ø PP-R Coupling Reducer	pc	
32mm Ø x 25mm Ø PP-R Coupling Reducer	pc	
32mm Ø x 20mm Ø PP-R Tee Reducer	pc	
32mm Ø x 25mm Ø PP-R Tee Reducer	pc	
32mm Ø x 4.0m PP-R Pipe PN 20	pc	
32mm Ø PP-R Elbow	pc	

32mm Ø PP-R Tee	pc	
32mm Ø PP-R Gate Valve	pc	
32mm Ø PP-R Check Valve	pc	
32mm Ø PP-R Union patente	pc	
PVC Solvent (200cc/can)	can	
DAVIES Aqua Floor, Crystal blue	gal	
DAVIES Mildewcide Wash Solution	li	
30cm x 60cm Ceramic Glazed Tiles	pc	
Tile Trim x 8'	pc	
Tile Grout, 2kg (original)	bag	
Tile Adhesive, 25kg (original)	bag	
30cm x 60cm Textured Unglazed Tiles	pc	
Acrylic Flat Latex Paint (White)	pail	
Topcoat Acrylic Semi-Gloss Paint, White	pail	
Tinting color (assorted)	can	
Concrete Neutralizer	gal	
Patching Compound	gal	
Red Oxide Primer	gal	
Quick Dry Enamel	gal	
Glazing Putty	gal	
Paint Thinner	gal	
Portland Cement	bag	
Screened Sand, S1	cu.m	
4" CHB	pcs	
1 1/2" dia. x 6.0m GI Pipe Schedule 20	pc	
3/4" dia. x 6.0m GI Pipe	pc	
Junction Box, weatherproof, for outdoor, 6"x6"x4", w/ cover and screw	set	
Tie Wire	kg	
32mmØ uPVC Thick Wall	pcs	
25mmØ uPVC Thick Wall	pcs	
32mmØ uPVC Long Elbow	pc	
25mmØ uPVC Long Elbow	pc	
32mmØ uPCV Male Thread Adaptor w/ Locknut	pc	
25mmØ uPCV Male Thread Adaptor w/ Locknut	pc	
32mmØ uPVC Connector	pc	
25mmØ uPVC Connector	pc	
Stainless Steel Pressurized Tank, 82 gal	set	

Sub Lot 2

Contractor's Headings

Project : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT
 Location : NVSU Bayombong Campus
 Mode of Implementation : By Contract
 Approved Budget Cost : 2,000,000.00
 Project Duration : 120 Calendar Days
 Source of Fund : Fund 164

BILL OF QUANTITIES

COST ID	DESCRIPTION OF WORK	%	UNIT	QUANTIT Y	UNI T COS T	AMOUNT
A.1.1.3	Construction of Field Office for the Engineer		LS	1.00		
B.5	Project Billboard & Signboard		Each	1.00		
B.7(1)	Occupational Safety & Health Program		Mont h	4.00		
801(1)	Removal of Structures and Obstruction		LS	1.00		
803(1)a	Structure Excavation (Common Soil)		Cu.m	31.63		
804(4)	Gravel Fill		Cu.m	5.00		
900(1)a1	Structural Concrete (Class A)		Cu.m	23.05		
902(1)a	Reinforcing Steel (Deformed)		Kgs	2,489.19		
903(1)	Formworks and Falseworks		Sq.m	173.12		
1003(2)f	Wall (Aluminum Metal Cladding)		Sq.m	27.50		
1008(1)c	Aluminum Glass Window		Sq.m	9.66		
1010(2)b	Door, Wood Panel		Sq.m	3.08		
1018(3)	Glazed Tiles		Sq.m	17.60		
1027(1)	Cement Plaster Finish		Sq.m	224.00		
1032(1)a	Painting Works (Concrete/Masonry)		Sq.m	176.45		
1032(1)a	Painting Works (Steel)		Sq.m	257.40		
1046(1)a 1	CHB Load Bearing (Including Reinforcing Steel)		Sq.m	39.44		
1047(10)	Metal Structure and Accessories		Kgs	3,104.03		
1100(10)	Conduit Boxes & Fittings (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		
TOTAL ESTIMATED PROJECT COST (DIRECT COST + INDIRECT COST)						

Prepared by:

 Civil Engineer

PRC No.: _____

Valid Until: _____

PTR No.: _____

Issued on: _____

Issued At: _____

TIN No.: _____

Submitted by:

Contractor's Representative

Date:

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Construction of Field Office for the Engineer

COST ID : A.1.1.3

QUANTIT Y : 1

UNIT : LS

PRODUCTIVITY RATE:

LS

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Construction of field office for the Engineer & bunkhouse (All materials Shall be rental Basis)	LS	1		
This includes bunkhouse, water supply, electricity connection (Provide water & electric meter)				
NOTE:				
<i>Field office location shall be coordinated to the PPSDs. All materials to be use for the construction shall be on rental basis.</i>				
<i>Field office and bunkhouse shall comply with the COSH and Covid-19 protocol. It shall be provided with adequate lighting,</i>				
<i>water supply, waste disposal area, wash area and temporary CR.</i>				
<i>Provide electric meter and water meter to be installed prior to the start of the project. Coordinate to the electrical and Water Sewerage Section.</i>				
SUB TOTAL (A)=				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				

Vat (5%)

SUB TOTAL (E - INDIRECT COST) _____
ITEM COST (D+E) _____
UNIT COST (D+E)/QTY _____

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT
 PAY ITEM : Project Billboard/Signboard
 COST ID : B.5
 QUANTIT Y : 1
 UNIT : Each

PRODUCTIVITY RATE: _____ Each/Hr.
 NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Printed Tarpaulin Project Billboard (4' x 8') with complete content including consumables for installation. refer to the PPSDS office for the content	Set	1		
This includes bunkhouse, water supply, electricity connection				
NOTE:				
Tarpaulin shall be provided prior to the start of the Construction activities.				
It shall be installed in a place directed by the Supervising NVSU engineer				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				

E. INDIRECT COST

OCM	_____
Contractors Profit	_____
Vat (5%)	_____
SUB TOTAL (E - INDIRECT COST)	_____
ITEM COST (D+E)	_____
UNIT COST (D+E)/QTY	_____

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Occupational Safety and Health

Program COST ID : B.7 (1)

QUANTITY : 4

UNIT : Months

PRODUCTIVITY RATE: _____

NUMBER OF HOURS: _____

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
PPE: (Derive the qty of man-days per use of PPE)	LS			
This includes bunkhouse, water supply, electricity connection	MD			
Safety Hard Hat	MD			
Safety Gloves (Rubber palm Orange 90g)	MD			
Safety Shoes, steel toe - rental basis	MD			
Safety Vest, Approved Color	MD			
Facemask/Dust Mask	LS			
Miscellaneous (Safety kits, etc.)	MD			
Signage and Barricades:				
PPE Signage (4'x8')	set	1		
Safety First (4' x 4')	set	1		
Warning Signs (2' x 3')	set	6		
Caution Tape, 1000ft	roll	4		
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Part Time Safety Officer	1			
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost

NOTE: Some Barricade shall be counter part of the university

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SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST				
(D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Removal of Structures and Obstruction

COST ID : 801(1)

QUANTIT Y : 1

UNIT : LS

PRODUCTIVITY RATE:

LS

NUMBER OF HOURS:

HR

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Concrete Saw Blade, 14" Ø	pc	1		
Consumables (Chipping materials, etc.)	LS	1		
NOTE: 1. Relocation of any valuable and movable structures in the area. Coordinate to the concern personnel.				
2. Removal of Steel Railings and steel bench at Rizal Monument Area.				
3. Removal of NVSU stainless Letterings from the façade. Removed carefully to avoid damage on the lettering.				
4. Removal and Cleaning of existing bricks in the façade ATM Area or parapet wall of the guard house.				
5. Removal of Concrete Blocks and Kubo Pedestals				
6. Relocation of Electrical Wires such as service drops and internet/cable lines within the project.				
7. Cutting and removal of PCCP for the location of arc column, shed column and other structures.				
8. This include any concrete structure that may obstruct the project as plan.				
9. Disposal of debris shall be done immediately after removal. Refer to the PPSDS engineers for the disposal area.				
10. All salvage materials shall be turnover to the supply office with proper quantity immediately after removal.				
11. Removal of PCCP and other concrete structure for the construction of ARC foundations.				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor				
Unskilled Labor				
SUB TOTAL (B) =				

C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
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Concrete Saw with 14" Ø Blade	1			
Jack Hammer	1			
Dump Truck (for disposal of construction debris)	1			
Minor Tools (Cutting outfit, grinder, drill, etc.)				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				
Vat (5%)				
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST (D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Structure Excavation (Common Soil)

COST ID : 803(1)a

QUANTIT Y : 31.63

UNIT : Cu.m.

PRODUCTIVITY RATE:

Cu.m./Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
SCOPE: Column Footing, 2.0x2.0x2.2				
Fence Wall Footing, W0.40 x D0.60				
Bench Wall Footing				
Note:				
All excavated soil shall be place on areas not obstructing walkways.				
Coordinate to PPSDS for all activities.				
All waste excavated soil shall be dumped at the directed by the supervising engr.				
SUB TOTAL (A)				
B. LABOR COST	No. of	Total	Hourly	Total

	Personnel	Hours	Rate	Cost
Leadman				

Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Jackhammer/Chipping Gun	1			
Dump Truck, 5 cu.m. capacity	1			
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				
Vat (5%)				
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST (D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY : Gravel Fill

ITEM : 804(4)

COST

ID

QUANTIT : 5.0

Y

UNIT : Cu.m.

PRODUCTIVITY RATE:

Cu.m./Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Gravel Materials, 2.50cu.m./Truck Load	Track Load	2		
Scope: <i>Column Footing - Arc</i>				
<i>Wall Footing - Fence Area</i>				
<i>Bench 4</i>				
Including gravel at the location of the existing tree.				
NOTE:				
<i>Gravel on footing shall be minimum of 50mm.</i>				
<i>Base shall be compacted prior to the placing of gravel fill. No gravel fill shall be done w/o approval site engr.</i>				

Footing rebar shall only be place prior to the leveling of gravel fill.				

				SUB TOTAL (A)	
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost	
Leadman					
Unskilled Labor					
				SUB TOTAL (B) =	
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost	
Minor Tools					
				SUB TOTAL (C) =	
D. DIRECT COST (A + B + C)					
E. INDIRECT COST					
OCM					
Contractors Profit					
Vat (5%)					
SUB TOTAL (E - INDIRECT COST)					
ITEM COST (D+E)					
UNIT COST					
(D+E)/QTY					

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Structural Concrete (Class A)

COST ID : 900(1)a1

QUANTIT : 23.05

Y

UNIT : Cu.m.

PRODUCTIVITY RATE:

Cu.m./Hr,

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Portland Cement, Holcim	bags	208.00		
Screened & Washed Gravel, G-1	cu.m	24.00		
Screened & Washed Sand, S-1	cu.m	12.00		
Scope:				
2.8 column footing				
4.95 Arc column 2.4				
4.048 Arc column 2.3				
1.152 Arc column 2.2				
1.224 Arc column 2.1				
1.19 Arc Beam				
0.792 Fence 1 Wall Footing				
1.926 Fence 2 Wall Footing				
1.575 Bench Footing				

0.525	Bench Slab				
0.8	Restoration of PCCP				

2.07	Fence column				
23.052	Total VOLUME				
					SUB TOTAL (A)
B. LABOR COST		No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman					
Skilled Labor (Mason)					
Unskilled Labor					
					SUB TOTAL (B) =
C. EQUIPMENT RENTAL COST		No. of Equipment	Total Hours	Hourly Rate	Total Cost
Concrete Mixer, 1 Bagger		1			
Concrete Vibrator		1			
					SUB TOTAL (C) =
D. DIRECT COST (A + B + C)					
E. INDIRECT COST					
OCM					_____
Contractors Profit					_____
Vat (5%)					_____
SUB TOTAL (E - INDIRECT COST)					_____
ITEM COST (D+E)					_____
UNIT COST (D+E)/QTY					_____

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Formworks and Falseworks

COST ID : 903(2)

QUANTITY : 173.12

UNIT : Sq.m.

PRODUCTIVITY RATE: _____ Sq.m./Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Form Lumber, 2"x2" x 10' - Tanguile or G-Melina	bd.ft	160.2		
Assorted Nails	kg	6		
Phenolic Board, 4ft x 8ft x 3/4" thick	pcs	16		
Tie Wire, # 16	kg	4		

NOTE: Form Lumber salvage materials shall be turnover to the PPSDS Office				
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SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Fabrication, installation and stripping works				
Leadman				
Skilled Labor (Carpenter)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Scaffolding Sets (GI Pipes w/ Clamps, H-Frame Set, etc.) (Rental Basis)	1			
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				_____
Contractors Profit				_____
Vat (5%)				_____
SUB TOTAL (E - INDIRECT COST)				_____
ITEM COST (D+E)				_____
UNIT COST				_____
(D+E)/QTY				_____

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Reinforcing Steel (Deformed)

COST ID : 902(1)a

QUANTITY : 2,489.19

UNIT : Kgs

PRODUCTIVITY RATE: _____ Kg/Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
RSB, 16mm Ø x 6.0 Gd. 40	kg	729.50		
RSB, 12mm Ø x 6.0 Gd. 40	kg	729.94		
RSB, 10mm Ø x 6.0 Gd. 40	kg	613.54		
Angle Bar, 6mmx2"x2"x6m	kg	80.46		
GI Pipe, 2" Ø x 6m (Light Guage) NVSU counter parts	pc	293.76		
Machine Bolt, 1/2" Ø x 4" w/ Nut and Washers	kg	22.00		
Tie Wire, # 16	Kg	42.00		

Consumables (Welding Rod, Steel Drill Bit, etc.)	LS	1.00		

Scope:	Arc Column, Footing, Beam, Fence & Benches				
	This includes installation of solar post strap and GI Pipe post and frames.				
NOTE:	See structural drawing details & refer to the PPSDS Engineer prior to the cutting of ties and footing bars.				
SUB TOTAL (A)					
B. LABOR COST		No. of Personnel	Total Hours	Hourly Rate	Total Cost
	Leadman				
	Skilled Labor				
	Unskilled Labor				
SUB TOTAL (B) =					
C. EQUIPMENT RENTAL COST		No. of Equipment	Total Hours	Hourly Rate	Total Cost
	Bar Cutter/Cut-off Machine	1			
	Welding Machine, 300A, Inverter Type	1			
	Minor Tools (Not to exceed 10% of Labor cost)				
SUB TOTAL (C) =					
D. DIRECT COST (A + B + C)					
E. INDIRECT COST					
	OCM				
	Contractors Profit				
	Vat (5%)				
	SUB TOTAL (E - INDIRECT COST)				
	ITEM COST (D+E)				
	UNIT COST (D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Wall (Aluminum Metal

Cladding) COST ID : 1003(2)f

QUANTITY : 27.50

UNIT : Sq.m.

PRODUCTIVITY RATE: _____ Sq.m./Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Aluminum Composite Panel PVDF (4'x8'x4mm) with accessories, profiles and other joints.	Set	11		

Consumables (Bolts, Tapes, Sealant, screws, etc)	LS	1		

Scope: <i>Main Gate Entrance Façade (ATM Area)</i>				
<i>See Plans for Location</i>				
NOTE: <i>Installation shall be done by skilled worker (with experience in ACP installation)</i> <i>It shall follow the ACP Installation Guide and shall be done in good workmanship.</i> <i>Clear the surfaces and the surroundings before, during and after installation process.</i> <i>Refer to the PPSDS Architect for the proper installation.</i> <i>Installation shall be supervised by contractor key personnel.</i>				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
	SUB TOTAL (E - INDIRECT COST)			
	ITEM COST (D+E)			
	UNIT COST (D+E)/QTY			

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Door, Wood

Panel COST ID :

1010(2)b

QUANTITY : 3.08

UNIT : Sq.m.

PRODUCTIVITY RATE: _____ Sq.m./Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT

D1	Panel Door (0.59m X 1.88 m - Verify on site) with 2' thick door jamb, w/o transom, 3 hinges, HD doorknob and HD Door Closer. Door shall be painted with brown.	Set	1		
D2	Panel Door (0.82m X 2.13m - Verify on site) with 2' thick door jamb, w/ transom, 3 hinges, doorknob and	Set	1		
Note:					
1	Used seasoned tanguile/G-Melina or other hard wood for the above panel doors.				
2	Doors shall be locally made, free from defects and imperfections.				
SUB TOTAL (A)					
B. LABOR COST		No. of Personnel	Total Hours	Hourly Rate	Total Cost
	Leadman				
	Skilled Labor				
	Unskilled Labor				
	This includes removal of damaged jam & doors. Turnover salvage materials at PPSDS				
SUB TOTAL (B) =					
C. EQUIPMENT RENTAL COST		No. of Equipment	Total Hours	Hourly Rate	Total Cost
	Minor Tools (not to exceed 10% of Labor cost)				
SUB TOTAL (C) =					
D. DIRECT COST (A + B + C)					
E. INDIRECT COST					
OCM _____					
Contractors Profit _____					
Vat (5%) _____					
SUB TOTAL (E - INDIRECT COST) _____					
ITEM COST (D+E) _____					
UNIT COST (D+E)/QTY					

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Aluminum Glass Window
COST ID : 1008(1)c
QUANTIT : 9.66
Y

PRODUCTIVITY RATE: _____ | Sq.m./Hr.

UNIT : Sq.m.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST		UNIT	QTY	UNIT PRICE	AMOUNT
Scope	Furnishing & installation of aluminum (Analog) framed ¼" thick colored glass windows w/ accessories.				
W1	(0.55Wx1.08H) 1 set – Sliding & Fixed Window	Sq.m	0.60		
W2	(1.20Wx1.08H) 1 set – Sliding & Fixed	Sq.m	1.30		
W3	(0.58Wx1.08H) 1 set – Sliding & Fixed	Sq.m	0.65		
W4	(1.13Wx1.08H) 1 set – Sliding & Fixed window	Sq.m	1.22		
W5	(1.48Wx0.45H) 1 set – awning window	Sq.m	0.67		
W6	(1.35Wx1.42H) 1 set – awning, fixed & sliding window.	Sq.m	1.92		
W7	(1.51Wx1.42H) 1 set – awning window	Sq.m	2.14		
W8	(0.82Wx1.42H) 1 set – awning, fixed & sliding window	Sq.m	1.16		
NOTE:					
Unit price labor cost. Window frame shall be 1 ¾" x 4"					
SUB TOTAL (A)					
B. LABOR COST		No. of Personnel	Total Hours	Hourly Rate	Total Cost
Included in material Cost					
SUB TOTAL (B) =					
C. EQUIPMENT RENTAL COST		No. of Equipment	Total Hours	Hourly Rate	Total Cost
Include in material unit cost					
SUB TOTAL (C) =					
D. DIRECT COST (A + B + C)					
E. INDIRECT COST					
OCM _____					
Contractors Profit _____					
Vat (5%) _____					
SUB TOTAL (E - INDIRECT COST) _____					
ITEM COST (D+E) _____					
UNIT COST (D+E)/QTY _____					

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Synthetic Granite tiles
 COST ID : 1018(4)
 QUANTIT : 17.60
 Y
 UNIT : Sq.m.

PRODUCTIVITY RATE: _____ Sq.m./Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Granite Tiles, 60cmx120cm (Approved Texture & Color)	pc	30.00		
Tile Adhesive, ABC	bags	3.00		
Portland Cement, Holcim	bags	6.00		
Fine Sand	Cu.m	1.00		
Tile Grout, match color with granite	bags	3.00		
NOTE:				
See Perspective for Tiles Color Reference and coordinate PPSDS Infrastructure before purchasing				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor (Tile Setter)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				
Vat (5%)				
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				

UNIT COST
(D+E)/QTY

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Cement Plaster Finish

COST ID : 1027(1)

QUANTIT : 224.00

Y

UNIT : Sq.m.

PRODUCTIVITY RATE:

Sq.m./Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Portland Cement, Holcim	bags	74		
Screened & Washed Sand, S-1	cu.m	7		
SCOPE: Columns of Shed, Arc, benches, fence & gate columns, masonry walls and others concrete surfaces needs to be plastered.				
NOTE:				
Plastering Shall be done by a skilled finishing mason in good workmanship with the supervision of site arch/civil engineer.				
Surface shall be paper finished. All mortar drops on floor or any surface shall be clean.				
Smooth concrete surface shall be chipped before applying plaster to avoid "kapak".				
Column & beam edges shall be done with properly to avoid wavy edges.				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Scaffolding Sets (GI Pipes w/ Clamps & H-Frames)	1			
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				

Vat (5%)

	SUB TOTAL (C) =	
D. DIRECT COST (A + B + C)		

E. INDIRECT COST	
OCM	_____
Contractors Profit	_____
Vat (5%)	_____
SUB TOTAL (E - INDIRECT COST)	_____
ITEM COST (D+E)	_____
UNIT COST (D+E)/QTY	_____

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Painting Work (Steel)

COST ID : 1032(1)c

QUANTIT Y : 257.4

UNIT : Sq.m.

PRODUCTIVITY RATE:	Sq.m./Hr.
NUMBER OF HOURS:	Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
Epoxy Metal Primer with Catalyst (Gray) - No Substitute	gal	11.00		
QDE Paints, Approved Color	gal	21.00		
Glasurit Body Filler w/ Hardener	gal	6.00		
Paint Thinner	gal	17.00		
Consumables (Paint Brush, Sand paper, Tapes, Grinding Disc, etc.)	LS	1		
SCOPE: All tubular wall designs, gates, Tubular Fence and logos, Tubular steel Seats and Shed Roof Framing other channel bars.				
Existing steel benches @ Rizal Monument and other Exposed Metals				
Steel: All surfaces shall be painted with primer then dried prior to painting with QDE. Missed portions shall be retouched. Surfaces splattered with paint shall be removed then thoroughly painted again.				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost

Minor Tools				
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				SUB TOTAL (C) =
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST (D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : CHB Load Bearing (Including Reinforcing)

COST ID : 1046(1)a1

QUANTIT Y : 39.04

Y

UNIT : Sq.m.

PRODUCTIVITY RATE:

Sq.m./Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
5" CHB, Machine Made. 2.50MPA	pc	513.00		
Portland Cement, 40kg/bag - Holcim	bag	40.00		
Screened Sand, S-1	cu.m	2.00		
RSB, 10mm Ø - Grade 33	kgs	129.36		
Tie Wire, # 16	kgs	2.00		
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman				
Skilled Labor				
Unskilled Labor				

SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of	Total	Hourly	Total

	Equipment	Hours	Rate	Cost
Concrete Mixer, 1 Bagger	1			
Welding Machine	1			
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM				
Contractors Profit				
Vat (5%)				
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST (D+E)/QTY				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Metal Structure and Accessories

COST ID : 1047(10)

QUANTIT Y : 3,104.03

UNIT : Kgs

PRODUCTIVITY RATE:

Kg./Hr.

NUMBER OF HOURS:

Hr.

F. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
1.5mm x 50mm x 150mm G.I. Tubular	kgs	614.73		
1.5mm x 50mm x 100mm G.I. Tubular	kgs	1,723.36		
1.5mm x 50mm x 75mm G.I. Tubular	kgs	425.52		
1.5mm x 25mm x 25mm G.I. Tubular	kgs	269.50		
6 pcs - 5mm x 25mm x 25mm x 6.0m Angular Bar	kgs	70.92		
4' x 8' Steel Matting #6	pcs	4.00		
1.20m dia. Single Face Acrylic Signage Outdoor Logo	pcs	9.00		
0.50m dia. Single Face Acrylic Signage Outdoor Logo	pcs	4.00		
Welding Rod, 2.5kg/box	box	10.00		
Nueva Vizcaya State University Stainless 3D Lettering, 0.25m Including installation accessories	Set	2.00		
Consumables (Sealant, Tapes, epoxy putty, screws, etc.)	LS	1.00		
SUB TOTAL (A)				
G. LABOR COST	No. of	Total	Hourly	Total

	Personnel	Hours	Rate	Cost
Leadman				
Skilled Labor				

				SUB TOTAL (A)

B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman (REE/RME)				
Skilled Labor (Electrician)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
OCM _____				
Contractors Profit _____				
Vat (5%) _____				
SUB TOTAL (E - INDIRECT COST) _____				
ITEM COST (D+E) _____				
UNIT COST (D+E)/QTY _____				

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Wires & Wiring Devices

COST ID : 1101(33)

QUANTIT Y : 1

UNIT : LS

PRODUCTIVITY RATE:

Ln.m./Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
2.0mm ² THHN Cu. Wire	ln m	300		
3.5mm ² THHN Cu. Wire	ln m	150		
Rubber Tape	roll	1		
Electric Tape (Big)	roll	6		
Solderless connector	pc	2		
Secondary rack with spool insulator, 3w, w/ complete accessories (bolt, nuts etc.)	set	3		

SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman (REE/RME)				
Skilled Labor (Electrician)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
	SUB TOTAL (E - INDIRECT COST)			
	ITEM COST (D+E)			
	UNIT COST			
	(D+E)/QTY			

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Panel Board with Main and Branch Breakers

COST ID : 1102(1)

QUANTITY : 1

UNIT : LS

PRODUCTIVITY RATE: _____ Set/Hr.

NUMBER OF HOURS: _____ Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
6 branches Panel Board, 2P, Center Main, BOLT-ON MAIN AND BRANCHES, w/copper hot and ground busbars complete with the ff:	Set	1		
15AT circuit breaker, bolt on, MCCB	Pc	2		
20AT circuit breaker, bolt on, MCCB	Pc	1		
consumables	LS	1		

SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman (REE/RME)				
Skilled Labor (Electrician)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools (for chipping of masonry wall, etc.)				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
	SUB TOTAL (E - INDIRECT COST)			
	ITEM COST (D+E)			
	UNIT COST (D+E)/QTY			

DETAILED UNIT PRICE ANALYSIS

JOB : CONSTRUCTION OF MAIN ENTRANCE ARC AND SITE DEVELOPMENT

PAY ITEM : Panel Board with Main and Branch Breakers

COST ID : 1102(1)

QUANTIT Y : 1

UNIT : LS

PRODUCTIVITY RATE:

Set/Hr.

NUMBER OF HOURS:

Hr.

A. MATERIAL COST	UNIT	QTY	UNIT PRICE	AMOUNT
6 branches Panel Board, 2P, Center Main, BOLT-ON MAIN AND BRANCHES, w/copper hot and ground busbars complete with the ff:	Set	1		
15AT circuit breaker, bolt on, MCCB	Pc	2		
20AT circuit breaker, bolt on, MCCB	Pc	1		

consumables	LS	1		

LED Uplight Mini Recceess,2000lm,3500K	Pc	1		
LED Strips Connector	LS	1		

SOLAR POWERED STREET LIGHT WITH THE FF. SPECS.	set	25		
Wattage: 200W				
Lighting Area: 160 Sq.m.				
Luminosity: 20,000				
Lifetime: > 50,000 hours				
Material: Die-Cast Aluminum Alloy				
IP Rating: IP 67 Outdoor (Water Resistant)				
Solar Panel: Polycrystalline				
Light Source: High Brightness LED Color				
Temperature: 6500 K Daylight				
Battery Life: 10-14 hours				
SUB TOTAL (A)				
B. LABOR COST	No. of Personnel	Total Hours	Hourly Rate	Total Cost
Leadman (REE/RME)				
Skilled Labor (Electrician)				
Unskilled Labor				
SUB TOTAL (B) =				
C. EQUIPMENT RENTAL COST	No. of Equipment	Total Hours	Hourly Rate	Total Cost
Minor Tools (for chipping of masonry wall, etc.)				
Minor Tools (Ladder)				
SUB TOTAL (C) =				
D. DIRECT COST (A + B + C)				
E. INDIRECT COST				
	OCM			
	Contractors Profit			
	Vat (5%)			
SUB TOTAL (E - INDIRECT COST)				
ITEM COST (D+E)				
UNIT COST (D+E)/QTY				

SUMMARY SHEET

A Summary of Materials and Unit Price

Item No.	Description	Unit Price	
1.			
2.	Printed Tarpaulin Project Billboard (4' x 8') with complete content	set	

3.	PPE Signage (4'x8')	set	
4.	Safety First (4' x 4')	set	

5.	Warning Signs (2' x 3')	set	
6.	Caution Tape, 1000ft	Roll	
7.	Concrete Saw Blade, 14" Ø	pc	
8.	Gravel Materials, 2.50cu.m./Truck Load	Track Load	
9.	Portland Cement, Holcim	bags	
10.	Screened & Washed Gravel, G-1	cu.m	
11.	Screened & Washed Sand, S-1	cu.m	
12.	Form Lumber, 2"x2"x10'	Bd.ft.	
13.	CW Nail, Assorted	Kg	
14.	Phenolic Board, 4'x8'x3/4" thick	Pc	
15.	Tie Wire, # 16	Kg	
16.	16mm x 6.0m RSB Grade 40	Kg	
17.	12mm x 6.0m RSB Grade 40	Kg	
18.	10mm x 6.0m RSB Grade 33	Kg	
19.	Angle Bar, 6mmx2"x2"x6m	Kg	
20.	GI Pipe, 2" Ø x 6m (Light Gauge) NVSU counter parts	Kg	
21.	Aluminum Composite Panel PVDF (4'x8'x4mm) with accessories, profiles, and other joints.	Set	
22.	Panel Door (0.59m X 1.88 m with 2' thick doorjamb, w/o transom, 3 hinges, HD doorknob and HD Door Closer. Door shall be painted with brown.	Set	
23.	Panel Door (0.82m X 2.13m - with 2' thick door jamb, w/ transom, 3 hinges, doorknob and painted	Set	
24.	Aluminum Framed Sliding window w/ Colored ¼" thick Glass	Sq.m.	
25.	Aluminum Framed Awning window w/ Colored ¼" thick Glass	Sq.m.	
26.	Aluminum Framed Fixed window w/ Colored ¼" thick Glass	Sq.m.	
27.	Granite Tiles, 60cmx120cm (Approved Texture & Color)	Pc	
28.	Tile Adhesive, ABC 25kg/bag	Bag	
29.	Tile Grout, Approved Color, 2kg/pack	bag	
30.	Skim coat , (ABC Zemcoat 20kg White)	bags	
31.	Boysen Acrytex Cast (Putty Spot) # 1701	gal	
32.	Boysen Acrytex Primer, # 1705	gal	
33.	Boysen Acrytex Topcoat #1715 (Ready Mixed; Approved Color)	gal	
34.	Thinning Solvent (Acrytex Reducer)	gal	
35.	Epoxy Metal Primer with Catalyst (Gray) - No Substitute	gal	
36.	QDE Paints, Approved Color	gal	
37.	Glasurit Body Filler w/ Hardener	gal	
38.	Paint Thinner	gal	
39.	5" CHB, Machine Made. 2.50MPA	pc	
40.	1.5mm x 50mm x 150mm G.I. Tubular	Kg	
41.	1.5mm x 50mm x 100mm G.I. Tubular	Kg	
42.	1.5mm x 50mm x 75mm G.I. Tubular	Kg	
43.	1.5mm x 25mm x 25mm G.I. Tubular	Kg	
44.	6 pcs - 5mm x 25mm x 25mm x 6.0m Angular Bar	Kg	
45.	4' x 8' Steel Matting #6	Pc	
46.	1.20m dia. Single Face Acrylic Signage Outdoor Logo	Pc	
47.	0.50m dia. Single Face Acrylic Signage Outdoor Logo	pc	
48.	Welding Rod, 2.5kg/box	box	

49.	Nueva Vizcaya State University Stainless 3D Lettering, 0.25m Including installation accessories	Set	
50.	20mmØ uPVC Thick Wall	pc	
51.	20mmØ uPVC Long Elbow	pc	
52.	Junction Box w/ cover and screw	pc	
53.	20mmØ Entrance Cap with adaptor	pc	
54.	2.0mm ² THHN Cu. Wire	Ln.m.	
55.	3.5mm ² THHN Cu. Wire	Ln.m.	
56.	Rubber Tape	Roll	
57.	Electric Tape (Big)	Roll	
58.	Solderless connector	Pc	
59.	Secondary rack with spool insulator, 3w, w/ complete accessories (bolt, nuts etc.)	Set	
60.	6 branches Panel Board, 2P, Center Main, BOLT-ON MAIN AND BRANCHES, w/copper hot and ground busbars	Set	
61.	15AT circuit breaker, bolt on, MCCB	Pc	
62.	20AT circuit breaker, bolt on, MCCB	Pc	
63.	LED Flex Strips,3500K, 50lm (roll=25)	roll	
64.	2 Window LED Wall Mounted, 3500K,544lm	pc	
65.	LED Upplight Mini Recceess,2000lm,3500K	pc	
66.	LED Strips Connector	pc	
67.	200W Solar Street light, LED, w/ the ff specifications with accessories, profiles, and other joints.	Set	
	Wattage: 200W		
	Lighting Area: 160m ²		
	Luminosity: 20,000		
	Lifetime: > 50,000 hours		
	Material: Die-Cast Aluminum Alloy		
	IP Rating: IP 67 Outdoor (Water Resistant)		
	Solar Panel: Polycrystalline		
	Light Source: High Brightness LED Color		
	Temperature: 6500 K Daylight		
	Battery Life: 10-14 hours		
	Life Span: 50,000 HOURS		

B. LIST OF MANPOWER & RATES

	Description	Hourly Rate
1	Civil Engineer	
2	Electrical Engineer	
	Safety Officer (Part Time)	
3	Construction Foreman	
4	Skilled Labor	
5	Unskilled Labor	

C. LIST OF EQUIPMENT & RENTAL RATES

	Description	Hourly Rate
--	-------------	-------------

	Dump Truck, 5Cu.m. Capacity	
--	-----------------------------	--

	Jack Hammer	
	Concrete Saw with 14" Ø Blade	
1	Concrete Mixer, One Bagger	
	Concrete Vibrator	
2	Cut-off Machine	
3	Bar Bender	
4	H-Frame Set	
5	GI Pipe, 1 1/4" Ø x 6	
	Clamp	

Prepared by:

Civil Engineer

PRC No.: _____
Valid Until: _____
PTR No.: _____
Issued on: _____
Issued At: _____
TIN No.: _____

Submitted by:

Contractor's Representative

Date: _____

Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

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

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

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

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

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

Technical Documents

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

Financial Documents

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

Class “B” Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

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

Performance Securing Declaration (Revised)

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

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

PERFORMANCE SECURING DECLARATION

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

I/We, the undersigned, declare that:

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

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this_day _____ of
[month] [year] at [place of execution].

[Insert NAME OF
BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity] Affiant

[Jurat]

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

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: [name and address of Procuring Entity]

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- 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].

¹ currently based on GPPB Resolution No. 09-2020

1. 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: _____

Duly authorized to sign the Bid for and behalf of:

Signature:

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] Capacity] for:

[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]*

