PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

PROJECT 2021-45:
IMPROVEMENT OF SAS HALL
FOR BAYOMBONG CAMPUS

Sixth Edition July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the "Works") through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or

-controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

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

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

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

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

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

TABLE OF CONTENTS

•		Abbreviations, and Acronymsn to Bid	
		ions to Bidders	
	1.	Scope of Bid	12
	2.	Funding Information	12
	3.	Bidding Requirements	12
	4.	Corrupt, Fraudulent, Collusive, Coercive, and Obstruct Practices	
	5.	Eligible Bidders	13
	6.	Origin of Associated Goods	13
	7.	Subcontracts	13
	8.	Pre-Bid Conference	14
	9.	Clarification and Amendment of Bidding Documents	14
	10.	Documents Comprising the Bid: Eligibility and Technica Components	
	11.	Documents Comprising the Bid: Financial Component	15
	12.	Alternative Bids	15
	13.	Bid Prices	15
	14.	Bid and Payment Currencies	16
	15.	Bid Security	16
	16.	Sealing and Marking of Bids	16
	17.	Deadline for Submission of Bids	16
	18.	Opening and Preliminary Examination of Bids	17
	19.	Detailed Evaluation and Comparison of Bids	17
	20.	Post Qualification	17
	21.	Signing of the Contract	17
Section II	I. Bid Da	ta Sheet	18
Section IV	/. Genera	l Conditions of Contract	20
	1.	Scope of Contract	21
	2.	Sectional Completion of Works	21

3.	Possession of Site	21
4.	The Contractor's Obligations	21
5.	Performance Security	22
6.	Site Investigation Reports	22
7.	Warranty	
8.	Liability of the Contractor	22
9.	Termination for Other Causes	22
10.	Dayworks	23
11.	Program of Work	23
12.	Instructions, Inspections and Audits	23
13.	Advance Payment	23
14.	Progress Payments	23
15.	Operating and Maintenance Manuals	23
Section V. Special	Conditions of Contract	25
	cations	
	ngs	
Section VIII. Bill o	of Quantities	31
Section IX. Checkl	ist of Technical and Financial Documents	33

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 maintenanceservices, 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 2021-45: Improvement of SAS Hall for Bayombong Campus

- 1. The *Nueva Vizcaya State University*, through the *Special Trust Fund (F164)* intends to apply the sum of *Php1,000,000.00* being the Approved Budget for the Contract (ABC)to payments under the contract for *2021-45: Improvement of SAS Hall for Bayombong Campus*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *Nueva Vizcaya State University* now invites bids for the above Procurement Project. Completion of the Works is required 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 December 8, 2021 from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issuedby the GPPB, in the amount of Php5,000.00. The Procuring Entity shall allow the bidder to present its proof of payment for the fees through electronic means.
- 6. The NVSU will hold a Pre-Bid Conference¹ on December 16, 2021, 9:00AM at the Function Room, 3/F New Administration Building, NVSU Bayombong Campus and through video conferencing or webcasting via Zoom, which shall be open to prospective bidders. To reduce the risks and hazards of community transmission of COVID-19, the BAC shall conduct meetings and conferences via ZOOM (Meeting ID: 606 807 1449, Password: nvsu@2021) until further notice, or until such time that the state of calamity, or implementation of community quarantine or similar government restrictions shall have been lifted by the proper government authorities.

9

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before *December 28, 2021 at 8:59am or courier submission on the same address on or before December 24, 2021 at 5:00pm.* 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 14.
- 9. Bid opening shall be on *December 28, 2021, 9:00am* at the given address and via **ZOOM** (Meeting ID: 853 828 7675, Password: nvsu@2021). Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The *NVSU* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bid
- 11. For further information, please refer to:

MS. MARITESS N. MORTERA
MS. ICY B. PASI
MS. JEANYBEE A. MARIANO
MS. DIANNE MARGARETH B. TITO
UBAC Secretariat

MR. RICHARD JOHN D. GUZMAN MS. FLORIDA P. URBANO MS. JULIET S. SANCHEZ

3rd floor UBAC Office, New Administration Building NVSU Bayombong Campus, Bayombong, Nueva Vizcaya Tel. No. 078-392-1605/078-321-2112

Email Address: ubac@nvsu.edu.ph and ubacbayombong@gmail.com

12. You may visit the website:

For downloading of Bidding Documents: www.nvsu.edu.ph December 8, 2021.

ARACELI V. DOMAGAS, RCE, PhD
UBAC Chairperson

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

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

1. Scope of Bid

The Procuring Entity, Nueva Vizcaya State University Invites Bids for the *Improvement of SAS Hall for Bayombong Campus*), with Project Identification Number *Project 2021-45*.

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

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

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for *Special Trust Fund* (F164) in the amount of Php1,000,000.00
- 2.2. The source of funding is:

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

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

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

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

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 andits 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 conditionsat 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 orimplementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

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

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section
- 23.4.2.4 of the 2016 revised IRR of RA No. 9184.
- A contract is considered to be "similar" to the contract to be bid if it has themajor categories of work stated in the **BDS**.
- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

[Select one, delete other/s]

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed fifty percent (50%) of the contracted Works.
- b. Subcontracting is not allowed.
- 7.1. [If Procuring Entity has determined that subcontracting is allowed during the bidding, state:] The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterial stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.2. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ITB Clause 5 to the implementing or end-user unit.
- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

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

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receiptof Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposesof interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bidsshall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA

and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

14.2. Payment of the contract price shall be made in:

[Select one, delete other/s]

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

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until *March* 29, 2022. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

The Procuring Entity may request additional hard copies and/or electronic copies of theBid. 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 corrupted shall be considered non-responsive and, thus, automatically disqualified.

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "passed" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shallform part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet (BDS)

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.

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.

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.

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: 2021-45: Improvement of SAS Hall for Bayombong Campus						
7.1	[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.]						
10.3	[Specify if another Contractor license or permit is required.]						
10.4	The key personnel must meet the required minimum years of experience set below:						
	Key Personnel General Experience Relevant Experience						
10.5	The minimum major equipment requirements are the following:						
	Equipment Capacity Number of Units						
	(Referred to DUPA)						
12	[Insert Value Engineering clause if allowed.]						
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of following forms and amounts: a. The amount of not less than Twenty Thousand pesos (Php20,000.00) [Insert two percent (2%) of ABC], if bid security cash, cashier's/manager's check, bank draft/guarantee or irrevoc letter of credit;						
	b. The amount of not less than Fifty Thousand pesos only (<u>Php50,000.00</u>) [Insert five percent (5%) of ABC] if bid security is in Surety Bond.						
19.2	Partial bids are allowed, as follows: [Insert grouping of lots by specifying the items and the quantity for every identified lot.]						
20	[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.]						
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and Scurve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.						

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

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 canbe 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

ar 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.

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.

ever, 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	[If different dates are specified for completion of the Works by section, i.e. "sectional completion," these dates should be listed here.]		
4.1	[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]		
6	The site investigation reports are: [list here the required site investigation reports.]		
7.2	[Select one, delete the other.] [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, andother similar permanent structures:] Fifteen (15) years. [In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:] Five (5) years. [In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:] Two (2) years.		
10	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 [insert number] 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 [insert amount].		
13	The amount of the advance payment is <u>Php150,000.00</u> [insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment].		
14	[If allowed by the Procuring Entity, state:] Materials and equipment delivered on the site but not completely put in place shall be included for payment.		
15.1	The date by which operating and maintenance manuals are required is <i>[date]</i> . The date by which "as built" drawings are required is <i>[date]</i> .		
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 [amount in local currency].		

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 VI. Specifications

Item No:	Description/Particular	Qty	Unit
B.3	Permit and Clearances	1.00	LS
B.5	Project Billboard/Sign Board	1.00	each
B.7(1)	Occupational Safety and Health Program	4.00	months
800(2)	Clearing & Grubbing	1.00	LS
801 (1)	Removal of Structure and Obstruction	1.00	LS
803(1)a	Structure Excavation (Common Soil)	2.72	cu.m.
804(1)b	Embankment from Common Borrow	11.29	cu.m.
900(1)c2	Structural Concrete (Footings & Slab On Fill), Class "A", 28 Days	4.80	cu.m.
900(1)a4	Structural Concrete (Stiffeners - Class "A", 28 Days)	1.14	cu.m.
902(1)a	Reinforcing Steel (Deformed) GR 40	397.97	kgs
1003(1)a1	Ceiling (Metal Frame & Fiber Cement Board)	147.00	Sq.m.
1005 (5)	Steel Window (Window Grilles)	27.72	Sq.m.
1003(17)	Carpentry and Joinery Works	56.32	Sq.m.
1008	Aluminum/PVC Glass Window (Sliding/Casement/Awning/Fixed Type)	27.00	Sq.m.
1010 (1)	Frames, Jambs, sills, head, Transom and Mullions	5.00	Sets
1010(2)b	Doors, Wood Panel	10.50	Sq.m.
1018(2)	Unglazed Tiles and Trim	154.40	Sq.m.
1027(1)	Cement Plaster Finish	158.32	Sq.m.
1046(2)a2	CHB Non Load Bearing (Include RSB), 125mm	77.56	Sq.m.
1100(10)	Conduits, Boxes & Fitting (conduit Works/Conduit Rough-in)	1.00	LS
1101 (33)	Wires & Wiring Devices (supply of materials only)	1.00	LS
1102(1)	Panel Board with Main and Branch Breakers (supply of materials only)	1.00	LS

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 thefuture 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 (usuallythe 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 provisionalsum 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.

Bill of Quantities

Name of Project: 2021-45 Improvement of SAS Hall for Bayombong Campus

Location : <u>NVSU Bayombong, Nueva Vizcaya</u>

Mode of Implementation : <u>Public Bidding</u>

Source of Fund : Special Trust Fund

Number of Calendar Days to Complete: 120 calendar days

Approved Budget for Contract : Php1,000,000.00

ITEM	DESCRIPTION OF WORK	%	UNIT	QUANTITY	UNIT COST	AMOUNT
B.3	Permit and Clearances		LS	1.00		
B.5	Project Billboard/Sign Board		each	1.00		
B.7(1)	Occupational Safety and Health Program		months	4.00		
800(2)	Clearing & Grubbing		LS	1.00		
801 (1)	Removal of Structure and Obstruction		LS	1.00		
803(1)a	Structure Excavation (Common Soil)		cu.m.	2.72		
804(1)b	Embankment from Common Borrow		cu.m.	11.29		
900(1)c2	Structural Concrete (Footings & Slab On Fill), Class "A", 28 Days		cu.m.	4.80		
900(1)a4	Structural Concrete (Stiffeners - Class "A", 28 Days)		cu.m.	1.14		
902(1)a	Reinforcing Steel (Deformed) GR 40		kgs	397.97		
1003(1)a1	Ceiling (Metal Frame & Fiber Cement Board)		Sq.m.	147.00		
1005 (5)	Steel Window (Window Grilles)		Sq.m.	27.72		
1003(17)	Carpentry and Joinery Works		Sq.m.	56.32		
1008	Aluminum/PVC Glass Window (Sliding/Casement/Awning/Fixed Type)		Sq.m.	27.00		
1010 (1)	Frames, Jambs, sills, head, Transom and Mullions		Sets	5.00		
1010(2)b	Doors, Wood Panel		Sq.m.	10.50		
1018(2)	Unglazed Tiles and Trim		Sq.m.	154.40		
1027(1)	Cement Plaster Finish		Sq.m.	158.32		
1046(2)a2	CHB Non Load Bearing (Include RSB), 125mm		Sq.m.	77.56		
1100(10)	Conduits, Boxes & Fitting (conduit Works/Conduit Rough-in)		LS	1.00		
1101 (33)	Wires & Wiring Devices (supply of materials only)		LS	1.00		
1102(1)	Panel Board with Main and Branch Breakers (supply of materials only)		LS	1.00		
	SUB TOTAL (Direct Cost + Indirect Cost)				Php.	
	APPROVED BUDGET FOR THE CONTRACT (ABC)				Php.	
	CONTINGENGY & ENGINEERING COST				Php.	
	TOTAL ESTIMATED PROJECT COST				Php.	

Prepared by:	
 Civil Engineer	
PRC NO.:	Expiry Date:
PTR NO.:	Date Issued:
Submitted by:	
Contractor's Representative	

PHYSICAL PLANT & SITE DEVELOPMENT SERVICES

Infrastructure Section

Project: Improvement of SAS Hall to be Testing Office & Examination Room

Location: NVSU, Bayombong Campus

Mode of Implementation:By ContractAppropriation:1,000,000.00 Ph.P.Total Estimated Project Cost:1,000,000.00 Ph.P.Approved Budget for the Contract (ABC):1,000,000.00 Ph.P.Source of Fund:Special Trust FundProject Duration:120 calendar days

Detailed Units Price Analysis

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Permit and Clearances

COST SHEET ID: B.3

QUANTITY: 1.00 LS PRODUCTION RATE
NUMBER OF HOURS

A .	MATERIAL: COST/UNIT	UNI T	QUANTITY	UNIT PRICE	TOTAL COST
	This Includes payment of professional signatures,	LS	1		-
	Building Permit, Ancillary Permits & occupancy permit requirements				
	Building Permit shall be secured first before commencing any construction activity.				
	Permit Number shall be incorporated in the project billboards.				
	The cost shall be based on Bayombong Engineering Office/Building Official.				
Note	Building Permit shall be process before the advance payment be released. Reproduction of Plans and others documents required for the said permits shall be C/O the contractor. As-built plan with signature of professional shall be submitted at the infrastructure section in two copies aside from the copies for the occupancy permits building before the approval of final billing. All payment shall be shouldered by the contractor.				
	SUB TOTAL (A)				-

B .	LABOR COST	QUANTI	ГҮ	Hourly Rate	Total Cost		
		No. Personnel	Total Hours				
	Liaison Officer It shall be the liaison officer who will coordinate to PPSDS for all documents needed and submit to the building officials for the issuance of building permit and occupancy permit.	1		-	-		
	SUB TOTAL (B)				-		
C .	EQUIPMENT COST	QUANTITY		Hourly Rate	Total Cost		
		No. of Equipt.	Total Hours				
	SUB TOTAL (C)				-		
D.	TOTAL DIRECT COST (A + B + C)				-		
E.	ADD INDIRECT COST						
	1. OCM						
	2. Contractor's Profit3. VAT						
	TOTAL INDIRECT COST				-		
	TOTAL COST (D+E)			_		
	UNIT COST	· •			-		

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Project Billboard/Sign Board

COST SHEET ID: B.5

QUANTITY: 1.00 each

PRODUCTION RATE
NUMBER OF HOURS 2.00

					NUMBE	R OF HOURS	2.00	2.00		
Α.	N	IATERIAL: COST/UNIT		UNIT	QU	ANTITY	UNIT PRICE	TOTAL COST		
	Tarpaulin, 4'x8'			рс		1		-		
	Safety Sign Boards, 3	' x 4' - Tarpaulin		рс		3		_		
	Marine Plywood, 4.5			рс		1		_		
	·			Bd.ft						
	Coco Lumber					24		-		
	Assorted CW Nails			kg.		1		-		
Note:										
Billboar	ds shall be adopted fro	m the DPWH								
standar	d. It shall be installed ir	n a conspicuous space								
at the fr	ontage of the building.									
Safety s	ign boards shall be pro	vided in all working areas suc	h as in							
fabricat	ion, installation, etc.									
		SUB TOTAL (A)						_		
		(1.1)					Hourly			
				QUANTITY		ITY	Rate	Total		
	В.	LABOR COST				Total		Cost		
				No. Personnel Hours						
		Construction Foreman			1		_	_		
		Skilled Labor - Carpenter			1		_	_		
		Laborer			1		_	_		
		SUB TOTAL (B)						_		
		000 101112 (0)					Hourly			
				QUANTITY			Rate	Total		
C.		EQUIPMENT COS	Т	No. of				Cost		
				Equi		Total Days				
					P C.			_		
		Minor Tools (maximum of 1	0% of							
		Labor)		1		LS	_	_		
		,								
		SUB TOTAL (C)			I			-		
D.		TOTAL DIRECT COST (A + B	+ C)					-		
Ε.		ADD INDIRECT COST								
			1. OCM				_			
			I. OCIVI				_			
			2. Contra	ictor's Pro	ofit		-			
			3. VAT				-			
		TOTAL INDIRECT COST						-		
		TOTAL COST (D+E)								
						- ·				
				UNI	IT COST			-		

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Occupational Safety and Health Program

COST SHEET ID: B.7(1)
QUANTITY: 4.00months

PRODUCTION RATE NUMBER OF HOURS

A	MATERIAL: COST/UNIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	Safety Helmet/Hard Hat	man-hour	161.14		-
	Safety Shoes	man-hour	161.14		-
	Safety Gloves (Maong Materials)	man-hour	161.14		-
	Safety Vest, approved color.	man-hour	161.14		-
NC	TE: All workers shall be provided with the above as they go for work. Workers with no PPE shall not be allowed to do any construction activities. House keeping shall also be performed everyday in all working areas. Compliance to the this item shall be monitored by the PPSDS Safety incharge.				

SUB TOTAL (A)

_		QUANTIT	Υ	I I a combo	Takal
В •	LABOR COST	No. Personnel	Total Hours	Hourly Rate	Total Cost
	Part Time Safety Practitioner	1		-	-
	NOTE:				
	The safety officer shall report to the PPSDS office once a week after conducting tool box meeting at all				-
	their workforce regarding safety of all labor force as required by DOLE. Compliance to Health & Safety protocols against Covid-19 and COSH shall be observed at all times.				
	Certificate and ID of Safety Officer shall be submitted at the office.				
	Safety Officer shall submit weekly accident report.				
	No appearance, No report, No claim for this item.				

SUB TOTAL (B)

C.	EQUIPMENT COST	QUANTITY	Hourly	Total Cost	
		No. of Equipt.	Total Days	Rate	Total Cost

SUB TOTAL (C)

TOTAL DIRECT COST (A + B

D. + C)

E. ADD INDIRECT COST

1. OCM

2. Contractor'sProfit

3. VAT

TOTAL INDIRECT COST

TOTAL COST (D+E)

UNIT COST

Units Price Analysis

Improvement of SAS Hall to be Testing Office & Examination Room JOB

Clearing & Grubbing PAY ITEMS :

COST SHEET ID: 800(2) 1.00 LS QUANTITY

PRODUCTION RATE

sq.m./hr

		NUMBER OF	HOURS	Hr.	
A .	MATERIAL: COST/UNIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Scope: Clearing/cle completion.	eaning of the construction area after the project				
	Area: 20m x 15m 300 Sq.m.				
	SUB TOTAL (A)				-
В .	LABOR COST	No. Personr	No. Personnel Total Hours		Total Cost
	Construction Foreman Unskilled Laborers		1 2 -		
	SUB TOTAL (B)				-
c	EQUIPMENT COST	QUA No. of Equip	ANTITY Total Hours	Hourly Rate	Total Cost
	Minor Tools		1 LS	0.00	-
	SUB TOTAL (C)	•			-
D	TOTAL DIRECT COST (A + B + C)				-
E.	ADD INDIRECT COST 1. OCM 2. Contracto 3. VAT	or's Profit		- - -	
	TOTAL INDIRECT COST			-	
		L COST (D+E) NIT COST			-

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Removal of Structure and Obstruction

COST SHEET ID: 801 (1) **QUANTITY** : 1.00 LS

PRODUCTION RATE LS
NUMBER OF HOURS Hr.

A.	MATERIAL: COST/UNIT	UNIT	QUANTIT Y	UNIT PRICE	TOTAL COST	
SCO	DE-					
500.	Removal of lighting fixtures prior to ceiling works					
	Removal of portion of CHB barrier on slab on grade					
	Removal of one steps on each side of the exiting stage					
	Removal of drummy plaster on corner column					
	Chipping of part of the wall for the installation of panel board &					
	conduits					
	Note: includes restoration of Ceiling fan & ligthing outlet/fixtures after ceiling works					
	are included in the ceiling works					
	SUB TOTAL (A)	l			-	
		QUAN	TITY	11 l		
В.	LABOR COST	No. Personnel	Total Hours	Hourly Rate	Total Cost	
	Construction Foreman	1	0.00	-	-	
	Skilled Laborers	1	0.00	-	-	
	Laborers	1	0.00	-	-	
	SUB TOTAL (B)	T			-	
		QUAN		Hourly		
C.	EQUIPMENT COST	No. of Equipt.	Total Hours	Rate	Total Cost	
	Minor Tools	1	LS	-	-	
	SUB TOTAL (C)				-	
D.	TOTAL DIRECT COST (A + B + C)				-	
E.	ADD INDIRECT COST					
	1. OCM 2. Contractor 3. VAT	- - -				
	TOTAL INDIRECT COST				-	
TOTAL COST (D+E)						
	TOTAL CO	ST (D+E)			-	

JOB

Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Structure Excavation (Common Soil)

COST SHEET

803(1)a

ID:

QUANTITY: 2.72cu.m.

PRODUCTION RATE Cu.m./hr **NUMBER OF HOURS** Hr.

A.		MATERIAL: COST/	UNIT		UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	No.	Depth	Vol.					
W F	17	0.4	2.72	Cu.m.				
		SUB TOTAL (A)						<u>-</u>
		000 101112 (11)			QUAN	TITY		
В.		LABOR COST			No. Personnel	Total Hours	Hourly Rate	Total Cost
			tion Foremar ed Laborers	n	1 2	7.00 7.00	-	-
		SUB TOTAL (B)						-
_		FOLUDA SENT COST			QUAN	1	Hourly	
C.		EQUIP	MENT COST		No. of Equipt.	Total Hours	Rate	Total Cost
		SUB TOTAL (C) TOTAL DIRECT COST	·/A . D .					-
D.		C)	(А т Б т					-
E.		ADD INDIRECT COST						
	1. OCM 2. Contracto 3. VAT TOTAL INDIRECT COST				tor's Profit		-	-
					TOTAL COST (D+E	≣)		-
					UNIT COST			-

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Embankment from Common Borrow

COST SHEET ID: 804(1)b

QUANTITY: 11.29 cu.m. PRODUCTION RATE Cu.m./hr

NUMBER OF HOURS Hr.

		NUMBER OF HOURS HIT.								
Α.		MATERIAL: COST/UNIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST				
	Mixed Gravel & Sa 2.5 cu.m. / T-Load	and or approved materials	T-Loads	5.00		-				
	building right side walkway at right side	6.3 2.73 Volume: 9.03Cu.m. w/ 25% Shrinkage Factor 11.2875								
NO	TE:	for exterior area along the walkway & waiting area								
		SUB TOTAL (A)				-				
В.		LABOR COST	QUAN	TITY	Hourly Rate	Total Cost				
		Enson cos.	No. Personnel	Total Hours	mounty nate	Total cost				
		Construction Foreman Laborer	1 4		0 0	-				
		SUB TOTAL (B)	Γ		Т	-				
C.		EQUIPMENT COST	QUAN No. of Equipt.	TITY Total Hours	Hourly Rate	Total Cost				
		Minor Tools	1	LS	0.00	-				
		SUB TOTAL (C)	l			-				
D.		TOTAL DIRECT COST (A + B + C)				-				
E.		ADD INDIRECT COST 1. OCM 2. Contractor	'sProfit		<u>-</u> -					
		3. VAT TOTAL INDIRECT COST	-	-						
		TOTAL COST (D+E)								
		UNIT COST				-				

Units Price Analysis

JOB : Improvement of SAS Hall to be Testing Office & Examination Room PAY ITEMS : Structural Concrete (Footings & Slab On Fill), Class "A", 28 Days

COST SHEET ID: **900(1)c2**QUANTITY : **4.80cu.m.**

PRODUCTION RATE

Cu.m./hr

NUMBER OF HOURS

Portland Cement, 40kg/bag Screened & Washed Sand, S-1 - 2.50cu.m/T-Load T-Load 2 C-Road T-Load 2 C-Road T-Load 1 C-Road T-Road T-				· · · · · · · ·			TOTAL 000T	
Screened & Washed Sand, 5-1 - 2.50cu.m/T-Load T-Load 1	A.	MATERIAL: COST/UNIT		UNIT	QUANTITY	UNIT PRICE	TOTAL COST	
Screened & Washed Sand, 5-1 - 2.50cu.m/T-Load T-Load 1		D 11 10 1401 //						
No. of EquipMent Cost About 1							-	
No. No. No. Personnel Total Hours No. Personnel Total Hours No. Personnel Personnel No. Personnel No. Personnel No. Personnel No. Personnel							-	
No. of Equiph. No.		Screened & Washed Gravel, G-1 - 2.50cu.m/T-Load	d	T-Load	1		-	
SUB TOTAL (A) SUB TOTAL (A) SUB TOTAL (B) LABOR COST Mo. Personnel Total Hours Total Cost		Vol.						
SUB TOTAL (A) SUB TOTAL (A) SUB TOTAL (B) LABOR COST Mo. Personnel Total Hours Total Cost	WF	1.98						
SUB TOTAL (A) SUB TOTAL (A) B. LABOR COST ABOR COST LABOR COST TOTAL (B) Construction Foreman Skilled Laborer 2 0.00 0 0 - 1 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								
SUB TOTAL (A)								
B. LABOR COST QUANTIF No. Personnel Hourly Rate Total Cost Construction Foreman Skilled Laborer Laborer 1 0.00 0 - SUB TOTAL (B) QUANTIF No. of Equipt. Hourly Rate Total Cost C. EQUIPMENT COST No. of Equipt. Total Hours Hourly Rate Total Cost D. TOTAL DIRECT COST (A + B + C) - - - - E. ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. VAT - - - TOTAL INDIRECT COST TOTAL INDIRECT COST - - - - TOTAL INDIRECT COST TOTAL COST (D+E) - - - -		4.80 c	u m					
No. Personnel Total Hours Hourly Rate Total Cost		SUB TOTAL (A)					0	
Construction Foreman 1	D			QUAN	TITY	Hourly Data	Total Cost	
Skilled Laborer 2	ь.	LABOR COST		No. Personnel	Total Hours	nourly Rate	TOTAL COST	
Skilled Laborer 2		Construction Farmer			0.00			
Laborer 3 0.00 0 -							-	
SUB TOTAL (B) C EQUIPMENT COST QUANTY No. of Equipt. Total Hours Total Cost							-	
C. EQUIPMENT COST QUANTIY No. of Equipt. Hourly Rate Total Cost D. One- bagger mixer 1 - - - D. TOTAL DIRECT COST (A + B + C) - <td< td=""><td></td><td>Laborer</td><td></td><td>3</td><td>0.00</td><td>0</td><td>-</td></td<>		Laborer		3	0.00	0	-	
C. EQUIPMENT COST QUANTITY Hourly Rate Total Cost No. of Equipt. Total Hours 1 - - SUB TOTAL (C) - - - D. TOTAL DIRECT COST (A + B + C) - - E. ADD INDIRECT COST 1. OCM 2. Contractor'sProfit 3. VAT - - TOTAL INDIRECT COST 3. VAT - - TOTAL INDIRECT COST TOTAL COST (D+E) - -								
C. EQUIPMENT COST No. of Equipt. Total Hours Hourly Rate Total Cost No. of Equipt. Total Hours Hourly Rate Total Cost No. of Equipt. Total Hours Hourly Rate Total Cost SUB TOTAL (C) D. TOTAL DIRECT COST (A + B + C) E. ADD INDIRECT COST 1. OCM 2. Contractor's Profit		SUB TOTAL (B)					-	
No. of Equipt. Total Hours	C	FOLIPMENT COST				Hourly Rate	Total Cost	
SUB TOTAL (C) - D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -	<u> </u>	Egon WENT coor		No. of Equipt.	Total Hours	Tiouriy Nate	Total cost	
SUB TOTAL (C) - D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -		One harran miner						
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - - 3. VAT - - TOTAL INDIRECT COST TOTAL COST (D+E) -		One- pagger mixer		1	-		-	
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - - 3. VAT - - TOTAL INDIRECT COST TOTAL COST (D+E) -								
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - - 3. VAT - - TOTAL INDIRECT COST TOTAL COST (D+E) -								
D. TOTAL DIRECT COST (A + B + C) E. ADD INDIRECT COST 1. OCM 2. Contractor'sProfit 3. VAT TOTAL INDIRECT COST TOTAL COST (D+E)								
D. TOTAL DIRECT COST (A + B + C) E. ADD INDIRECT COST 1. OCM 2. Contractor'sProfit 3. VAT TOTAL INDIRECT COST TOTAL COST (D+E)								
E. ADD INDIRECT COST 1. OCM 2. Contractor'sProfit 3. VAT TOTAL INDIRECT COST - TOTAL COST (D+E) - - - - - - - - - - - - -							-	
1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST - TOTAL COST (D+E) -	D.	TOTAL DIRECT COST (A + B + C)					-	
1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST - TOTAL COST (D+E) -	E.	ADD INDIRECT COST						
2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST TOTAL COST (D+E) -			1. OCM			-		
3. VAT - TOTAL INDIRECT COST - TOTAL COST (D+E) -								
TOTAL INDIRECT COST TOTAL COST (D+E) -								
			TOTAL	COCT (D . 5)				
LINIT COST			TOTAL	.USI (D+E)			-	
ONTCOST			UNI	T COST			-	

Units Price Analysis

JOB Improvement of SAS Hall to be Testing Office & Examination Room

Structural Concrete (Stiffeners - Class "A", 28 Days) **PAY ITEMS**

900(1)a4 COST SHEET ID:

1.14 cu.m. PRODUCTION RATE Cu.m./hr **QUANTITY**

NUMBER OF HOURS

Α.	MATERIAL: COST/UNIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST		
	Portland Cement	bags	11		-		
	Screened & Washed Sand, S-1	T-Load	1		-		
	8mm thick marine plywood	рс	2		-		
	Miscellaneous (structural epoxy, expansion bolts, etc))	LS	1		-		
SCOP							
door							
	0.68 0.125*0.2*2.55*19 +0.125*0.2*1.4*13	Cu.m.					
	ow lintel beam						
	.10*0.125*4.6*8 0.46						
	1.14						
	NOTE:						
St	tiffener shall be thickness of wall x 0.2m with two						
	Omm Ø main RSB and 10mm Ø cliff hook bar spaced @ 0.215m o.	ı					
	I bar shall be achored on column by structural epoxy]					
u	Tour shall be denoted on column by structural epoxy						
т	otal:						
	SUB TOTAL (A)				_		
В.	JOB TOTAL (A)						
ъ.	LABOR COST			Hourly Rate	Total Cost		
	EADON COST	No. Personne	el Total Hours	mounty nate			
	Construction Foreman		1 -	-	-		
	Skilled Laborer		2 -	-	-		
	Laborer		3 -	-	-		
	SUB TOTAL (B)				-		
	EQUIDATENT COST	QUA	ANTITY	Harrie Bata	T-1-1 C1		
4	EQUIPMENT COST	No. of Equip	t. Total Hours	Hourly Rate	Total Cost		
	<u> </u>						
	Minor Tools		1 LS	_	_		
	1411101 10013						
	SUB TOTAL (C)		l		-		
D.	TOTAL DIRECT COST (A + B + C)				-		
E.	ADD INDIRECT COST						
	1. OCM			_			
	2. Contracto	_					
	3. VAT	-					
	TOTAL INDIRECT COST						
	TOTAL HADINECT COST				-		
		TOTAL COST (D)+E)		-		
		UNIT COST			_		
		OIVIT COST			-		

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Reinforcing Steel (Deformed) GR 40

COST SHEET ID: 902(1)a

QUANTITY: 397.97 kgs PRODUCTION RATE kg./hr

NUMBER OF HOURS

A.	MATE	ERIAL: COST/UNIT			UNIT	(QUANTITY	UNIT PRICE	TOTAL COST
	einforcing Steel Bars grad ie Wire, # 16	e 33(see below for	r the br	reakdown)	kg kg		397.97 8.00		-
	SCOPE:								
14	vall footing								
V	rail looting	10 mm x 6.0	16	59.136					
li	ntel	10 mm x 6.0	18	213.165					
	T & new dowels	10 mm x 6.0	16	59.136					
	walkway	10 mm x 6.0 m	18	66.528 397.97					
N	lote: 19 sets of stifffeners	;							
	Sub Total (A)		Total						-
В.	LABOR COST			QUAN	ITI	ΓΥ			
				No. Personnel	T	Total Hours	Hourly Rate	Total Cost	
	Construction Foreman Skilled Labor/Steelman Laborer					1 3 6	- - -	-	- - -
	SUB TOTAL (B)								-
C.		ASSIT DESITAL COC			QUAN	ITI	ГҮ		.
	EQUIPI	MENT RENTAL COS) I		No. of Equipt.	T	Total Hours	Hourly Rate	Total Cost
	Minor tools				LS			0.00	-
	SUB TOTAL (C)								-
D.	TOTAL DIRECT COST (A	+ B + C)							-
E.	ADD INDIRECT COST	,							
	1. OCM 2. Contracto 3. VAT TOTAL INDIRECT COST			or'sProfit			- - -	-	
					TOTAL CO	ST	(D+E)		-
					UNIT (cos	ST		-

Improvement of SAS Hall to be Testing Office & Examination Room JOB

PAY ITEMS Ceiling (Metal Frame & Fiber Cement Board)

1003(1)a1 **COST SHEET ID:**

147.00 PRODUCTION RATE Sq.m. Sq.m./Hr. QUANTITY

NUMBER OF HOURS

Hr.

A.	MATERIAL: COST/UNIT			UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	Cement Fiber Board, 4.50 mm thick x 4' x 8'			pcs	82		-
	Metal Furring, 0.8mmx12mmx50mm, 5m			pcs	145		-
	Primary Channel, 1.0mm x 12mmx 38mm, 5m			pcs	60		-
	W-Clip, 10pc/set			set	20		-
10	LC section -Purlins, 1.2mmx50mmx75mm x 6m			kg	127		-
	Wall Angle, 0.8mm x 38mmx38mm,5m			pcs	25		-
	Colonial Casing, 1" x2"x10 Ft.			pcs	25		-
	Tox Screw,			pcs	1800		-
	Blind Rivet, 1/8" x 3/4" - 1000pc/box			box	5		-
	Micsellaneous (primer paint, drill bits, tie wire additional h	nangers, etc)		LS	1		-
	Portable Electric drill (brand new)			set	2		-
NOT	E:						-
	4 rows of LC section (1.2 mm thick x 50 mm x 75 mm the building.It shall	n) along the	length of				-
	located on the top of the bottom chord						
	This shall be use as anchorage of carrying channel ce	eiling hanger	•				-
	Carrying Channel shall be perpendicular to the c-pur	lins and it sh	nall be place				
	below it with spacing of 4 ft (122 cm)						
	Metal furring shall be spcaced @ 16 inches perpendi	cular to the	carrying				
	channel. Place Metal furring at						
	the joint of sheating.						-
	The two portable electric drills shall be turned over to the	university w	ith certificate				_
	of acceptance				_		
exte	rior						-
inter	ior	147	52	5 4			-
		147	sq m				-

	SUB TOTAL (A)							
В.		QUANTIT	Υ	Hourbe	Total			
	LABOR COST	No. Personnel	Total Hours	Hourly Rate	Total Cost			
	Construction Foreman	1	0.00	-	-			
	Skilled Worker/Carpenter	6	0.00	-	-			
	Unskilled Labor	2	0.00	-	-			
	for restoration of electrical fixture							
	Electrician	1	12.00	-	-			
	Helper	1	12	-	-			
	SUB TOTAL (B)							

C.		QUANTIT	Υ	Hourly	Total
	EQUIPMENT COST	No. of Equipt.	Total Hours	Hourly Rate	Total Cost
	Scaffolding rental		LS		
	Other Minor tools & welding machine		LS		-
	SUB TOTAL (C)				-
D .	TOTAL DIRECT COST (A + B + C)				-
E .	ADD INDIRECT COST				
	1. OCM 2. Contractor'sP	rofit		-	
	2. Contractor sp 3. VAT	TOTIL		-	
	TOTAL INDIRECT COST			-	_
	TOTA	L COST (D+E) NIT COST			-

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

27.72 Sq.m.

PAY ITEMS : Steel Window (Window Grilles)

COST SHEET

QUANTITY

1005 (5)

ID:

D:

PRODUCTION RATE NUMBER OF HOURS

pcs/Hr. Hr.

	MATERIAL: COST/UNIT				
A.	WIATERIAL: COST/ONTI	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
Scope	Fabricated Window grilles framed w/ Flat Bar (4mm x 1" standard) and 9mm Square bar standard space @ 0.125m (verical) & @0.30m (Horizontal). Painted with epoxy primer	SQ.m.	27.72		-
	Welding Rod, E6013 (2.5kg/box)	box	1		-
	Consumables (Paint Brush, Grinding Disc, etc.)	LS	1		-
SCOPE: W-1 W -2	Area 22.32 5.4 27.72 sq m				-
	SUB TOTAL (A)	<u> </u>			_
В.	LABOR COST	QUANTITY		Hourly Rate	Total Cost
		No. Personnel	Total Hours	-	
	Labor for Installation only: Construction Foreman Welder Laborers	1 1 2	- - -	- - -	- - -
	SUB TOTAL (B)				_
C.	EQUIPMENT COST	QUANTI	TY	Hourly Rate	Total Cost
		No. of Equipt.	Total Hours		
	Welding Machine Minor Tools	1 1	LS LS	-	-
	SUB TOTAL (C)	1	'		-
D. E.	TOTAL DIRECT COST (A + B + C) ADD INDIRECT COST				-
	 OCM Contract VAT 	- - -			
	TOTAL INDIRECT COST TOTA		-		
		JNIT COST			-

JOB

Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS

Carpentry and Joinery Works

COST SHEET

1003(17)

QUANTITY

56.32 Sq.m. PRODUCTION RATE Sq.m./Hr.

NUMBER OF HOURS

Hr.

A.		MATERIAL: COST/UNIT		UNIT	QUANTITY	UNIT PRICE	TOTAL COST
EXTERIO	OR WALL ABOV	Е СНВ					
34		2mm x 50 mm x 75mm E 6013 5kg/box		kg box	382.5 1		-
	_	fiberboard (for ixterior face)		pc	15		_
		plywood (for interior face)		рс	15		_
	Misc. (paint,thinner, screws, consumables,etc)				1		-
INTE	RIOR WALL AB			LS			
		8mm thick marine plywood x 4' x 8'		рс	27		-
		Self driving metal screw x 32 mm long		рс	2025		-
	23	1.2mm thick x 50mm x 75 mm x 6.0 m LC	section	kg	258.75		-
	5	1.2 mm thick x 50 mm x 100mm tubular x	c 6.0 m	kg	85		-
	Net Area	36.76					
50mr	m x 100 mm tu	bular shall be the built-in window jamb wit use quarter round/ aluminum cliff to fast glass on tubular jamb	_				
V	wall above win	dows exterior	37.72	 sq m			-
v	wall above win	dows interior	18.6	sq m			
			56.32	•			

SUB TOTAL (A)

В.		QUAN	ΓΙΤΥ	Hourly	Total
	LABOR COST	No. Personnel	Total Hours	Hourly Rate	Cost
	Construction Foreman Skilled Worker, Welder	1.00 4.00	0.00 0.00	0.00 0.00	-
	Laborers	4.00	0.00	0.00	-
	SUB TOTAL (B)	L			

C.		QUAN	ΓΙΤΥ	Hourly	Total		
	EQUIPMENT COST	No. of Equipt.	Total Hours	Rate	Cost		
	Welding Machine	1	LS		_		
	Minor Tools & Scaffolding	1	LS	-	-		
	SUB TOTAL (C)				-		
D.	TOTAL DIRECT COST (A + B + C)				-		
E.	ADD INDIRECT COST						
	1. OCM			-			
	2. Contractor'sPro	fit		-			
	3. VAT			-			
	TOTAL INDIRECT COST				-		
	TOTAL COST (D+E)						
	UNIT COST						

			Detailed Units Price	Analysis				
; JO	В	Improvement of SAS Hall to b	oe Testing Office & Exa	mination Room				
PA	AY ITEMS	Aluminum/PVC Glass Windox	w (Sliding/Casement/A	wning/Fixed Ty	pe)			
: CC ID	OST SHEET	1008						
	JANTITY	27.00Sq.m.			PRODUCT	ION RATE	Sq.r	m./Hr.
					NUMBER	OF HOURS		Hr.
Α.		MATERIAL: CO	OST/UNIT		UNIT	QUANTIT Y	UNIT PRICE	TOTAL COST
		n Framed Sliding Window w/ Trand other accessories. (please see	plete with	Sq.m.	27.00		-	
NOT E:								
	Window J	amb shall be 50mmx100mm x 1	1.2 mm thick tubular.					
Scop e:								
W-1		W2.40xH1.20m	6 sets	21.6	Sliding Type			
W-2		W 1.50x H1.20	2 sets	5.4	Sliding Type			
			Area=	27	Sq.m.			
	SUB TOTA	AL (A)						-
В.		LABOR	2057		QUANTITY			Total
		LABOR C	.051		No. Personne	Total Hours	Hourly Rate	Cost
	Included i	in the material cost						
	SUB TOTA	AL (B)				•		-
C.					QUAI	NTITY		Total
		EQUIPMEN	T COST		No. of Equipt.	Total Hours	Hourly Rate	Cost
	Included i	n the material cost			1	LS	-	-
	SUB TOTA					•		-
D. E.		RECT COST (A + B + C) RECT COST						-
	ADD INDII	NECT COST	1.	OCM			-	
	2. Contractor's Profit -							
	TOTAL IN	DIRECT COST	3.	VAT			-	_
				TOTAL COS	T (D+E)			-
				UNIT CO	OST			-
			51					

Detailed Units Price Analysis JOB Improvement of SAS Hall to be Testing Office & Examination Room **PAY ITEMS** Frames, Jambs, sills, head, Transom and Mullions **COST SHEET ID:** 1010 (1) QUANTITY 5.00 Sets PRODUCTION RATE Set/Hr. **NUMBER OF HOURS** Hr. A. **QUANTIT** UNIT **TOTAL MATERIAL: COST/UNIT** UNIT **PRICE** COST Υ Fabrication and Installation of: Wood Door Jamb without Transom (mahogany/tanguile) 2 sets Wood Door Jamb with Transom (mahogany/tanguile) sets 3 CW nail 1 kg Coal Tar liters 1 Miscellaneous, (Paint Brush, bolt, screws etc.) LS NOTE All wood jambs shall be securely anchored on wall vertical LC studs Use 2" X 5" commercial dressed lumber for Door Jamb available at Home Depot SUB TOTAL (A) **QUANTITY** В. Hourly **LABOR COST Total Cost** No. **Total** Rate Personnel Hours Construction Foreman 1 0 Carpenter/Welder 2 0 Laborers 0 **SUB TOTAL (B) QUANTITY** C. Hourly **EQUIPMENT COST Total Cost** No. of Total Rate Equipt. Hours Minor Tools (% of Labor) 1 LS **SUB TOTAL (C) TOTAL DIRECT COST (A + B + C)** E. ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. VAT **TOTAL INDIRECT COST** TOTAL COST (D+E)

UNIT COST

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Doors, Wood Panel COST SHEET ID: 1010(2)b

QUANTITY 10.50 Sq.m. PRODUCTION RATE Sq.m./Hr. **NUMBER OF HOURS** Hr. A. **MATERIAL: COST/UNIT** UNIT QUANTITY **UNIT PRICE TOTAL COST** Panel Door (Tanguile/Mahogany) on wooden 5 sets Jamb (Tanguile/Mahogany, 2"x5") with transom Use 1/4" thick clear glass with wooden clip Doors shall be provided with 4 set - 3" x 4" heavy duty hinges.(hinges & other fasteners are included) Quickset door knob sets 3 Miscellaneous (fixed glass on transon with glass cliff, etc) LS 1 Panel door D -1 (3 sets) Scope: 6.3 Panel door D -2 (2 sets) Area 4.2 10.5 sq.m **SUB TOTAL (A)** QUANTITY В. **LABOR COST Hourly Rate Total Cost** No. Personnel **Total Hours Construction Foreman** Carpenter 2 0 Laborers 0 1 **SUB TOTAL (B) QUANTITY** C. **EQUIPMENT COST Hourly Rate Total Cost** No. of Equipt. **Total Hours** Minor Tools (% of Labor) 1 LS **SUB TOTAL (C)** D. TOTAL DIRECT COST (A + B + C)E. ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. VAT **TOTAL INDIRECT COST**

TOTAL COST (D+E)

UNIT COST

10			Detailed Units	s Price Analysis					
: 10	В	Improvement of SAS Ha	II to be Testing Off	ice & Examinat	ion Room				
PA	Y ITEMS	Unglazed Tiles and Trim	_						
: CO	ST SHEET	_							
ID:	•	1018(2)							
QL	JANTITY :	154.40 Sq.m.			PRODUCT NUMBER			Sq.m., Hr	
A.		NAATEDIAL . CO	OCT / UNIT			QUA		JNIT	TOTAL
		MATERIAL: CO	USI/UNII		UNIT	TY	' P	RICE	COST
	Unglazed til	es, 40cm x 40cm (approve	d Color)		pcs	990.	00		-
	Brass Stair N	losing, F-type 38mmx 38mr	m x 2m.		pcs	12			-
	Portland Cer	ment, 40kg/bag			bags	72	!		-
		ve, ABC - 25kg/bag			bags	25	;		-
	Fined Sand,				Cu.m.	11	-		-
		Approved Color			packs	5			-
	Consumable	es .			LS	1			-
	SCOPE:		Rooms	steps	0				
		First Floor Area:	147.75	4.16	151.91				
NOT	All floor area	as shall be free from loose r	matarials like sand	dust & dried					
E:	mortar.	as stiali de free from 100se r	nateriais like sand,	aust & ariea					
۲.		I be set/placed unless appr	oved by the NVSII	engineers					
		Adhesive grout on flooring b	•	_					
		be maximum thickness of							
	Striclty follo	w the proper method of set	tting tiles.		•	•	•	·	
	SUB TOTAL	(A)							-
					Q	QUANTITY		Hourly	Total
В.		LABOR COST			No. Personr	No. Personnel		Rate	Cost
	Construction	n Foreman				1	0.00	-	-
	Tile Setter					8	0.00	-	-
	Laborers					6	0.00	-	-
	SUB TOTAL	(B)			·				-
					Q	UANTII	Υ	Hourly	Total
c.		EQUIPME	NT COST		No. of Equipt		Total Hours	Rate	Cost
	Minor Tools					1	LS	_	_
						-			
	SUB TOTAL								-
	ADD INDIRE	CT COST (A + B + C)							-
Е.	אטט ווזטוגני	C1 CO31		1. OCM				_	
					ctor's Profit			-	
				3. VAT	3110110			_	
	TOTAL INDII	RECT COST		3. 7711					_
		'			L COST (D+E)				

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : Cement Plaster Finish COST SHEET ID: 1027(1)

QUANTITY: 158.32 Sq.m. PRODUCTION RATE Sq.m./Hr.

NUMBER OF HOURS Hr.

A.	MATERIAL: COST/UI	NIT	UNIT	QUANTITY	UNIT PRICE	TOTAL COST	
	Portland Cement, 40kg/bag - Holcim/o	excel	bags	45		-	
	Fined Sand (free from dust)		cu m	6		-	
Scope:	Area						
Wall	207.72						
W1 & W2	-50.4	less window					
Column	1						
	0						
TOTA	L 158.32	Sq.m					
-	SUB TOTAL (A)		OLIANI	TITY.		-	
В.	LABOR COST		QUAN	1111	Hourly Rate	Total Cost	
	LABOR COST		No. Personnel	Total Hours	Hourly Nate	Total Cost	
	Construction		4	0.00	0		
	Construction Foreman		1	0.00 0.00	0	-	
	Mason		8		0	-	
	Laborers		7	0.00	0	-	
	SUB TOTAL (B)		1	1		-	
C.	EQUIPMENT COST	-	QUAN [*]	TITY	Hourly Rate	Total Cost	
	EQUIPMENT		No. of Equipt.	Total Hours	Hourry Nate	Total Cost	
						-	
	SUB TOTAL (C)					-	
D.						-	
E.	ADD INDIRECT COST						
	1. OCM - 2. Contractor'sProfit - 3. VAT -						
	TOTAL INDIRECT COST					-	
		тота	L COST (D+E)			-	
	UNIT COST						

JOB : Improvement of SAS Hall to be Testing Office & Examination Room

PAY ITEMS : CHB Non Load Bearing (Include RSB), 125mm

COST SHEET ID: 1046(2)a2

QUANTITY: 77.56 Sq.m. PRODUCTION RATE

COMBINED PROD.

OUTPUT;

Sq.m./hr

NUMBER OF HOURS

	Nomber of House					
Α	MATERIAL	MATERIAL: COST/UNIT		QUANTITY	UNIT PRICE	TOTAL COST
•	Portland Cement, 40kg/bag (Holcim	n)	bags	51.00	TRICE	-
	Screened & Washed Sand, S-1 - T-Lo		T-Load	4.00		-
	CHB 5" thick		pcs	1009.00		-
Pc 45	RSB, 10 mm x 6.0 m		kg	167.00		-
	Tie Wire # 16		kg	4.00		-
NOT E:	Perimeter CHB walls will be only up with lintel beam and stifferner colu					-
ex	terior wall	57.76				
W	alkway barrier	7.2				
in	terior wall (6 layers)	12.6				
		77.56				

SUB TOTAL (A)

		QUANTIT	Υ	Hourly	Total Cost
В.	LABOR COST	No. Personnel	Total Hours	Rate	
	Construction Foreman	1	0.00	-	-
	Skilled	7	0.00	-	-
	Laborers	6	0.00	-	-

	SUB TOTAL (B)				-
		QUANTIT		T-4-1	
C.	EQUIPMENT COST	No. of Equipt.	Total Hours	Hourly Rate	Total Cost
	Minor Tools	1	LS	-	-

SUB TOTAL (C)

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

TOTAL INDIRECT COST

E. ADD INDIRECT COST

1. OCM -

2. Contractor's Profit -

3. VAT

TOTAL COST (D+E)

UNIT COST

Improvement of SAS Hall to be Testing Office & Examination Rough-In) In.m/Hr Conduits, Boxes & Fitting (conduit Works/Conduit Rough-in) In.m/Hr In		Detail	ed Units Pri	ce Analysis			
COST SHEET ID:			_		om		
A. MATERIAL: COST/UNIT		- -	WOIKS, COII	duit Rough III)		In.m/Hr	
A. MATERIAL: COST/UNIT UNIT QUANTITY UNIT PRICE TOTAL COST			IS	PRODI	UCTION RA	· · · · · · · · · · · · · · · · · · ·	
A. MATERIAL: COST/UNIT	٦٥.						
A. MATERIAL: COST/UNIT UNIT QUANTITY UNIT PRICE TOTAL COS 20mmø uPVC Thick Wall Junction Box w/ cover and screw 2 x 4 Utility Box Tie Wire Butane gas (270 ml) Miscelaneous (butene refill, etc) SUB TOTAL (A) B. LABOR COST QUANTITY Hourly Rate Total Cost							
Junction Box w/ cover and screw 2 x 4 Utility Box pc 16 - 16 - 16 - 16 - 17 - 16 Wire Butane gas (270 ml) can 1 - 1 - 17 - 17 - 18 Wire Butane gas (270 ml) can 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 18 Wiscelaneous (butenerefill, etc) ls 1 - 18 Wiscelaneous (buteneref	A.		P	UNIT	QUANTIT	Y UNIT PRICE	TOTAL COS
Junction Box w/ cover and screw 2 x 4 Utility Box pc 16 - 16 - 16 - 16 - 17 - 16 Wire Butane gas (270 ml) can 1 - 1 - 17 - 17 - 18 Wire Butane gas (270 ml) can 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 1 - 18 Wiscelaneous (butene refill, etc) ls 1 - 18 Wiscelaneous (butenerefill, etc) ls 1 - 18 Wiscelaneous (buteneref							
2 x 4 Utility Box File Wire File Wir		20mmØ uPVC Thick Wall		рс	18		-
Tie Wire Rutane gas (270 ml) Can 1 Can 1 Can Can 1 Can C		Junction Box w/ cover and screw		рс	4		-
Butane gas (270 ml) Miscelaneous (butene refill, etc) SUB TOTAL (A) B. LABOR COST QUANTITY No. Personnel Total Hours Total Cost		2 x 4 Utility Box		рс	16		-
Butane gas (270 ml)		Tie Wire			2		-
SUB TOTAL (A) B. LABOR COST QUANTITY Hourly Rate Total Cost		Butane gas (270 ml)			1		-
B. LABOR COST QUANTITY No. Personnel Total Hours Total Cost		Miscelaneous (butene refill, etc)		ls	1		-
B. LABOR COST QUANTITY No. Personnel Total Hours Total Cost		SUB TOTAL (A)					-
Electrical Engineer/Master Electrician Electrician Unskilled Laborers EUUPMENT COST EQUIPMENT COST SUB TOTAL (B) C. EQUIPMENT COST EQUANTITY No. of Equipt. No. of Equipt. Total Hours Hourly Rate Total Cost ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. VAT TOTAL INDIRECT COST TOTAL INDIRECT COST - TOTAL INDIRECT COST	_			QUAN	TITY	Usanika Bata	Takal Cast
Electrician 2 0.00 - - -	в.			No. Personnel	Total Hou	rs Hourly Rate	l otal Cost
Electrician 2 0.00 - - -							
Unskilled Laborers 2 0.00 - - -		_					-
SUB TOTAL (B)							-
C. EQUIPMENT COST		Unskilled Laborers			2 0.00	-	-
SUB TOTAL (C) TOTAL DIRECT COST ADD INDIRECT COST 1. OCM 2. Contractor'sProfit 3. VAT TOTAL INDIRECT COST Hourly Rate Total Cost		SUB TOTAL (B)				I	_
No. of Equipt. Total Hours	_	EQUIDMENT COST		QUAN	TITY	Hourly Pate	Total Cost
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -	С.	EQUIPIVIENT COST		No. of Equipt. Total Hours		rs Hourly Rate	Total Cost
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -							
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -							
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -							-
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -							
D. TOTAL DIRECT COST (A + B + C) - E. ADD INDIRECT COST 1. OCM - 1. OCM - - 2. Contractor's Profit - - 3. VAT - - TOTAL INDIRECT COST - -		SUB TOTAL (C)					-
1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -	D.						-
1. OCM - 2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -	F.	ADD INDIRECT COST					
2. Contractor'sProfit - 3. VAT - TOTAL INDIRECT COST -			1. OCM			_	
3. VAT - TOTAL INDIRECT COST				actor'sProfit		-	
TOTAL INDIRECT COST -						-	
TOTAL COST (D+E)		TOTAL INDIRECT COST					-
TOTAL COST (D+E)			TOT	'AL COST (D. E)			
			101	AL COST (DTE)			-

UNIT COST

			Detailed Units Price	Analysis			
JOB							
:		Improvement of SAS Hal	I to be Testing Office & Examin	ation Room			
PAY ITI	EMS	Wires & Wiring Device					
:		Wiles & Willing Device	: 5				
COST S		1101 (33)					c/hr
QUANT:	TITY	1.00	LS	PRODU	JCTION RATE	Ln.r	m./Hr.
			Ln.m. Pcs	NUMBI	ER OF HOURS		Hr.
A.		MATERIAL: C		UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	3.5mm	² THHN Cu. Wire		In m	180.00		-
	5.5mm	² THHN Cu. Wire		In m	150.00		-
	14mm²	² THHN Cu. Wire		In m	32.00		-
	2-gang	, switch wide series		set	2.00		-
		ditioning Unit Outlet		set	4.00		-
		Universal Outlet w/ grou	ınd	set	10.00		-
	_	Tape (Big)		roll	4.00		-
							-
	All mat office	erials shall be turned ove	r to the university supply				-
	SUB TO	OTAL (A)					-
_			QUANTITY		Hourly		
В.		LABOR (COST	No. Personnel	Total Hours	Rate	Total Cos
	Labor	by the University Electric	cal unit				-
	SUB TO	OTAL (B)					
				QUAN	QUANTITY		
C.		EQUIPMEN	IT COST	No. of Equipt.	Total Hours	Hourly Rate	Total Cos
						-	-
	SUB TO	OTAL (C)					-
D.		DIRECT COST (A + B + C)					-
E.	ADD IN	IDIRECT COST					
			1. OCM	no OCM		-	
			2. Contractor'sPro	ofit		-	
			3. VAT			-	
	TOTAL	INDIRECT COST					-

IOD			Detailed Units Price	e Analysis				
: 108		Improvement of SAS Hal	I to be Testing Office & Exam	ination Room				
PAY I	TEMS							
: COST	SHFFT						_	
ID:	311221	1102(1)		Productivi	ty:		ckt/hr	
	NTITY	1.00	LS					
:			1.00 set					
			6 Pcs					1
		MATERIAL: COS	ST/UNIT	UNIT	Q	UANTITY	UNIT PRICE	TOTAL COST
				рс		1		-
				рс				-
			to the university supply	pc		1		-
	office	Tais shall be tarried over	to the differency supply					-
	SUB TOT	AL (A)					1	-
	LAROR COST		OST	QUAN			Hourly	Total Cost
		LABOR C		No. Perso	onnel	Hours	Rate	Total Cost
	Lahor h	v the University Flectrica	Lunit					
	Labor b	y the Oniversity Liectrica	i dilit					-
	SUB TOT	AL (B)					1	-
	FOUNDMENT COST		COST			Hourly	Total Cost	
		EQUIPMEN	1 (03)	No. of Eq	uipt.	Hours	Rate	Total Cost
								-
	IOIALD	MECT COST (A · B · C)						
	ADD IND	IRECT COST						
					M		-	
			3. VAT	TOTIC			-	
	TOTAL IN	NDIRECT COST						-
			TOTA	L COST (D+E)				
			U	NIT COST				-
	Р	repared by:						
	C	ivil Engineer						
						Date Is	sued:	
	S	ubmitted by:						
	: COST ID:	E PAY ITEMS E COST SHEET ID: QUANTITY E 20AT Circ. 30AT Circ. 50AT Circ. All mater. office SUB TOT Labor b SUB TOT TOTAL IN P C P P	Improvement of SAS Hall PAY ITEMS Panel Board with Main COST SHEET ID: 1102(1) QUANTITY 1.00 MATERIAL: COS 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 50AT Circuit Breaker, 2 Pole All materials shall be turned over to office SUB TOTAL (A) LABOR Cos SUB TOTAL (B)	Improvement of SAS Hall to be Testing Office & Exam Panel Board with Main and Branch Breakers COST SHEET ID: 1102(1) QUANTITY 1.00 LS 1.00 set 6 Pcs MATERIAL: COST/UNIT 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole All materials shall be turned over to the university supply office SUB TOTAL (A) LABOR COST Labor by the University Electrical unit SUB TOTAL (B) EQUIPMENT COST 1. OCM 2. Contractor's P 3. VAT TOTAL INDIRECT COST TOTAL Prepared by: Civil Engineer PRC NO.: PTR NO.:	Improvement of SAS Hall to be Testing Office & Examination Room PAY ITEMS Panel Board with Main and Branch Breakers COST SHEET ID: 1102(1) Productivi QUANTITY 1.00 LS 1.00 set 6 PCs MATERIAL: COST/UNIT UNIT 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole All materials shall be turned over to the university supply office SUB TOTAL (A) LABOR COST No. Perso Labor by the University Electrical unit SUB TOTAL (B) EQUIPMENT COST 1. OCM No. of Equation of Equation (C) TOTAL DIRECT COST 1. OCM 2. Contractor's Profit 3. VAT TOTAL INDIRECT COST TOTAL COST (D+E) UNIT COST Prepared by: Civil Engineer PRC NO.: PTR NO.:	Improvement of SAS Hall to be Testing Office & Examination Room PAY ITEMS Panel Board with Main and Branch Breakers COST SHEET ID: 1102(1) Productivity: 1.00 LS 1.00 set 6 Pcs MATERIAL: COST/UNIT UNIT Q 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole All materials shall be turned over to the university supply office SUB TOTAL (A) LABOR COST No. Personnel Labor by the University Electrical unit SUB TOTAL (B) EQUIPMENT COST 1. OCM QUANT No. of Equipt. SUB TOTAL (C) TOTAL DIRECT COST 1. OCM 2. Contractor's Profit 3. VAT TOTAL INDIRECT COST Frepared by: Civil Engineer PRC NO.: PTR NO.:	Improvement of SAS Hall to be Testing Office & Examination Room PAY ITEMS Panel Board with Main and Branch Breakers COST SHEET ID: 1102(1) Productivity: 1.00 LS 1.00 set 6 Pcs MATERIAL: COST/UNIT UNIT QUANTITY 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole All materials shall be turned over to the university supply office SUB TOTAL (A) LABOR COST LABOR COST LABOR COST EQUIPMENT COST TOTAL INDIRECT COST (A + B + C) ADD INDIRECT COST 1. OCM 2. Contractor's Profit 3. VAT Prepared by: Prepared by: Civil Engineer PRC NO.: PTR NO.: Expiry! Date Is Expiry! Date Is	Improvement of SAS Hall to be Testing Office & Examination Room PAY ITEMS PARI TIEMS Panel Board with Main and Branch Breakers COST SHEET ID: 1102(1) Productivity: ckt/hr 1102(1) 1.00 LS 1.00 set 6 Pcs MATERIAL: COST/UNIT UNIT QUANTITY PRICE 20AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole 30AT Circuit Breaker, 2 Pole All materials shall be turned over to the university supply office SUB TOTAL (A) LABOR COST QUANTITY No. Personnel No. Personnel Hours SUB TOTAL (B) EQUIPMENT COST 1. OCM No. of Equipt. No. of Equipt. Total Hourly Rate SUB TOTAL (C) TOTAL DIRECT COST 1. OCM 2. Contractor's Profit 3. VAT TOTAL INDIRECT COST TOTAL INDIRECT COST Frepared by: Civil Engineer PRC NO.: Prepared by: Civil Engineer PRC NO.: PTR NO.: LES 1. OCM 1. OCM 1. OCM 2. Expliry Date: PExpliry Date: Pate Issued:

59

Contractor's Representative

Section IX. Checklist of Technical and FinancialDocuments

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 toSection 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Leg	al Documents
	(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
	or (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent
	document;
	<u>and</u>
	(c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
	<u>and</u>
	(e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
Tec	hnical Documents
	(f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
	(g) Statement of the bidder's Single Largest Completed Contract (SLCC) similarto the contract to be bid, except under conditions provided under the rules; and
	(h) Philippine Contractors Accreditation Board (PCAB) License; or
	Special PCAB License in case of Joint Ventures;
	and registration for the type and cost of the contract to be bid; and
	(i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
	<u>or</u>
	Original copy of Notarized Bid Securing Declaration; and
(j)	Project Requirements, which shall include the following:
	a. Organizational chart for the contract to be bid;
	b. List of contractor's key personnel (<i>e.g.</i> , 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
	(k) Original duly signed Omnibus Sworn Statement (OSS);

sign the OSS and do acts to represent the Bidder. Financial Documents (1) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped"received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC). Class "B" Documents 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; \square (n) 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 instancethat the bid is successful. II. FINANCIAL COMPONENT ENVELOPE (o) Original of duly signed and accomplished Financial Bid Form; and Other documentary requirements under RA No. 9184 (p) Original of duly signed Bid Prices in the Bill of Quantities; and (q) 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 (r) Cash Flow by Quarter.

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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES	3)
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:
 - Carefully examining all of the Bidding Documents;
 - Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - 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:

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

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

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

Affiant

[Jurat]

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

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM	
Date : Project Identification No. :	

To: [name and address of Procuring Entity]

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: [insert name of contract];
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information];
- d. The discounts offered and the methodology for their application are: [insert information];
- e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates.
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of [insert percentage amount] percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines² for this purpose;
- *h.* We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- 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.

-

² currently based on GPPB Resolution No. 09-2020

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

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

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

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

CONTRACT AGREEMENT

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

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

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder's conforme thereto; and
- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

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

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

[Insert Name and Signature] [Insert Name and Signature]

[Insert Signatory's Legal Capacity] [Insert Signatory's Legal Capacity]

for: 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:
 - 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]

