PHILIPPINE BIDDING DOCUMENTS

Restoration/Rehabilitation of Gabaldon School Buildings CY 2021, Lot 2 (Republication)

Government of the Republic of the Philippines

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

Gl	ossar	y of Terms, Abbreviations, and Acronyms	5
Se	ction	I. Invitation to Bid	8
Se	ction	II. Instructions to Bidders	11
	1.	Scope of Bid	12
	2.	Funding Information	12
	3.	Bidding Requirements	12
	4.	Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	13
	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 Technical Components	
	11.	Documents Comprising the Bid: Financial Component	15
	12.	Alternative Bids	15
	13.	Bid Prices	15
	14.	Bid and Payment Currencies	15
	15.	Bid Security	15
	16.	Sealing and Marking of Bids	16
	17.	Deadline for Submission of Bids	16
	18.	Opening and Preliminary Examination of Bids	16
	19.	Detailed Evaluation and Comparison of Bids	16
	20.	Post Qualification	17
	21.	Signing of the Contract	17
Se	ction	III. Bid Data Sheet	18
Se	ction	IV. General Conditions of Contract	21
	1.	Scope of Contract	
	2.	Sectional Completion of Works	
	3.	Possession of Site	
	4.	The Contractor's Obligations	22
	5.	Performance Security	22
	6.	Site Investigation Reports	23

Section	VIII. Bill of Quantities	30
Section	VII. Drawings	29
Section	VI. Specifications	27
Section	V. Special Conditions of Contract	25
15.	Operating and Maintenance Manuals	24
14.	Progress Payments	24
13.	Advance Payment	24
12.	Instructions, Inspections and Audits	24
11.	Program of Work	24
10.	Dayworks	23
9.	Termination for Other Causes	23
8.	Liability of the Contractor	23
7.	Warranty	23

Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

Invitation to Bid for the Restoration/Rehabilitation of Gabaldon School Buildings CY 2021, Lot 2 (Republication)

- 1. The Department of Education Cordillera Administrative Region Regional Office, through the 2021 General Appropriations Act, intends to apply the sum of **Sixteen Million Eight Hundred Seventeen Thousand Three Hundred Thirty Two pesos (Php16,817,332.00) only**, being the Approved Budget for the Contract (ABC) to payments under the contract for **Restoration/Rehabilitation of Gabaldon School Buildings CY 2021, Lot 2 (Republication)** with identification number CB 2021-015-Lot 2. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The DepED-CAR RO now invites bids for the above Procurement Project. Completion of the Works is required **within 130 calendar days**. Bidders should have completed 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).

Location of the project is at Bokod Central School at Bokod, Benguet.

- 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 DepED-CAR Regional Office and inspect the Bidding Documents at the address given below from 8:00am to 5:00pm, Mondays to Fridays.
- 5. A complete set of Bidding Documents may be acquired by interested bidders starting June 10, 2021 from the given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Php17,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

- The DepEd-CAR Regional Office will hold a Pre-Bid Conference on June 17, 2021 at 1pm at the SNC Hall, DepED-CAR Regional office, Wangal, La Trinidad, Benguet, which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, **on or before 1pm of June 29, 2021**. Late bids shall not be accepted.
- 8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
- 9. Bid opening shall be on June 29, 2021 (Tuesday) starting at 1:01pm at the SNC Hall, DepED-CAR RO, Wangal, La Trinidad, Benguet. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The DepED-CAR Regional Office reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

BAC Secretariat
DepED-CAR Regional Office
Wangal, La Trinidad, Benguet
Tel. No. (074) 422-1804/(074) 422-5155
Email address: depedcar.bacsecretariat@gmail.com

12. You may visit the following websites:

For downloading of Bidding Documents: depedcar.ph

June 9, 2021

FLORANTE E. VERGARA
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, DepED-CAR Regional Office, invites Bids for the Restoration/Rehabilitation of Gabaldon School Buildings CY 2021, Lot 2 (Republication) with Project Identification Number CB 2021-015 - LOT 2.

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 CY 2021 in the amounts of **Sixteen Million Eight Hundred Seventeen Thousand Three Hundred Thirty Two pesos (Php16,817,332.00) only**
- 2.2. The source of funding is:
 - a. NGA, the General Appropriations Act or Special Appropriations.

3. Bidding Requirements

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

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

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

implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

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

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

5. Eligible Bidders

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

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

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.
- 7.1. 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 at its physical address, at the SNC Hall, DepED-CAR Regional Office, Wangal, La Trinidad, Benguet, on June 17, 2021 at 1pm as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. 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 Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

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

a. Philippine Pesos.

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 October 27, 2021. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "passed" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

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: Restoration/Rehabilitation/Conservation of Heritage Building/Gabaldon School Buildings							
7.1	Subcontracting is not allowed							
10.1	To be included in the Technical Documents is a Site Inspection Certificate signed by the Principal/Officer-In Charge/ Officer of the Day of the School. Site Inspection Certificate is to be accompanied by a picture of either the project engineer/foreman/owner or any technical employee with the Gabaldon bldg. as the background							
10.3	No further instructions							
10.4	The key personnel must meet the required minimum years of experience set below: Key Personnel General Experience Relevant Experience Project Engineer 5 years 2 gabaldon/heritage bldg. projects Safety Officer 2 years 1 gabaldon/heritage bldg. project General foreman 3 years 1 gabaldon/heritage bldg. project Skilled Mason 2 years 1 gabaldon/heritage bldg. project Skilled Carpenters 2 years 1 gabaldon/heritage bldg. project Skilled Carpenters 2 years 1 gabaldon/heritage bldg. project The minimum major equipment requirements are the following: Equipment Capacity Number of Units Dumptruck/elf 2 cu.m. 1 Concrete Mixer 1 bagger 1 Shoring Jack 1							
	Various Power hand tools (For woodworks)							
11.1	The second bid envelope/financial component should include a USB/flash drive (soft copy of Financial proposal in excel format)							
12	No further instructions							
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than Php336,346.64 [Two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than Php 840,866.60 [five percent (5%) of ABC] if bid security is in Surety Bond.							

16	Each bidder is requested to submit three (3) copies/sets – 1 original and 2 photocopies – of the first and second component of its bid. The use of tabs is also encouraged to facilitate examination of documents.
19.2	The project is packaged into 1 lot and shall not be divided into sub-lots for the purpose of bidding, evaluation and contract award.
20	
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity: a) Performance Security in the form and amount per calculated bid; b) Contractor's All Risk Insurance (CARI), coverage of which starts upon commencement of work; c) Construction Safety and Health Program approved by the Department of Labor; d) Manpower Schedule; e) Construction Methods; and, f) Equipment Utilization Schedule.

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract** (SCC), references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

- 3.1 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.
 - 3.2 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

Special Conditions of Contract

GCC Clause	
2	The Intended completion date is 130 calendar days
4.1	The procuring entity shall give possession of all parts of the site to the contractor within 7 days from receipt of the Notice to Proceed.
6	The site investigation reports are: <i>none</i>
7.2	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	a. No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within 15 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 1% of Contract Amount.
13	The amount of the advance payment is 15% of the Contract amount
14	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 15 days upon issuance of COC. The date by which "as built" drawings are required is within 15 days upon issuance of Certificate of Completion.
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 5% of the Contract Amount.

Section VI. Specifications

Notes on Specifications

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

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

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

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

Sample Clause: Equivalency of Standards and Codes

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

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

Section VII. Drawings

(See Annex A for the Drawings)

Section VIII. Bill of Quantities

<u>LOT 2 – BOKOD CENTRAL SCHOOL</u>



REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF EDUCATION

CORDILLERA ADMINISTRATIVE REGION WANGAL, LA TRINIDAD, BENGUET

PROGRAM OF WORKS

DepEd - CAR - BENGUET - 2020 Gabaldon Restoration

School: BOKOD CENTRAL SCHOOL				Date: April 3, 201						
Region: CAR Division: BENGUET Project Title:			Budget Allocation: #RE							
			Engineering & Administrative Overhead							
				udget for Co		#RE				
			Completion							
					180 calendar day	/S				
				equired Mai	npower:					
RESTOR	ATION OF GABALDON BUILDING- SIX (6) CLAS	SROOMS	General For	eman	Mason	Painter				
	WITH TWO (2) OFFICES		Steelman		Tinsmith	Tile Setter Safety Officer				
	• • • • • • • • • • • • • • • • • • • •		Carpenter		Electrician					
DI			_							
Plan:			Minimum Required Equipment:							
Location:	BOKOD, BENGUET		1-Bagger Concrete mixe Bar Bender Grinder							
			Welding Machine Electric Drill			Other Power Tools				
			Bar Cutter		Wheel Barrow	Various Hand Tools				
Item I.D.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks				
	nom Boompion	/0 01 1 0 tal		- Lucinity	10141 0001	Troma.no				
	I. Direct Cost									
	GABALDON BUILDING									
	GENERAL REQUIREMENTS		lot	1.00						
	Earthworks		lot	1.00						
	Concreting Works		lot	1.00						
	Rebar Works		lot	1.00						
	Formworks		lot	1.00						
	Masonry Works		lot	1.00						
	Doors and Windows		lot	1.00						
	Steel Works		lot	1.00						
	Roofing Works		lot	1.00						
	Carpentry Works		lot	1.00						
	Electrical Works		lot	1.00						
	Painting Works		lot	1.00						
	Tile Works		lot	1.00						
	Riprap @ rear of Building (I=38.8, ht= 2.5, Thk Top=0.6n	thk bottom=		1.00						
	COMFORT ROOM- 4 SEATER	i, iiii bottoiii	UNIT	2.00						
	Earthworks		lot	1.00						
	Concreting Works (3000 psi)		lot	1.00						
	Rebar Works		lot	1.00						
	Formworks		lot	1.00						
	Masonry Works		lot	1.00						
	Doors and Windows		lot	1.00						
	Steel Works		lot	1.00						
	Roofing Works		lot	1.00						
	Carpentry Works		lot	1.00						
	Electrical Works		lot	1.00						
	Plumbing Works		lot	1.00						
	Sanitary Works		lot	1.00						
	Painting Works		lot	1.00						
	Tile Works		lot	1.00						
	CONSTRUCTION OF GROUP HANDWASHING									
	FACILITY - FOR ELEMENTARY (OPTION 1A - WITH ROOFING, WITH COUNTER WITH TILE FINISH)		UNIT	4.00						
	Earthworks		lot	1.00						
	Concreting Works		lot	1.00						
	Rebar Works		lot	1.00						
	Formworks		lot	1.00						
	Masonry Works		lot	1.00						
	Steel Works		lot	1.00						
	Roofing Works		lot	1.00						
	Plumbing Works		lot	1.00						
	Painting Works		lot	1.00						
	Tile Works		lot	1.00						
	Sub-total									
	II. INDIRECT COST% of (I-Gen Reg)									
	Overhead Expenses (%)									
	Contingencies (%)									
	Miscellaneous (%)									
	Contractor's Profit (%)									
	Sub-Total									
			1							
	III. TAX% of (I+II)									
	Sub-Total									

	•
	CONTRACTOR
	CONTRACTOR



Bepartment of Education

CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

				, UNIT COST		TOTAL COST		
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
A.	GENERAL REQUIREMENTS				27.2011			
	Mobilization/Utilities and Services/Demobilization / Standard Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Transhipment & Hauling cost	lot	1.00					
	Rental of Scaffoldings	lot	1.00					
	Sub-total	101	1.00					
	GABALDON BUILDING	UNIT	2.00					
1.00	Earthworks							
	Clearing and Grubbing	lot	1.00					
	Structural Excavation (new Footing, Canal- 0.50 x 0.50 x 110m)	cu.m	63.00					
	Backfilling and Compaction	sq.m	67.00					
	Gravel Bedding G-1, 2" thk (for 13 sets new footing and canal)	sq.m	4.34					
	Select Fill	cu.m	20.00					
	Soil Poisoning	sq.m	224.00					
	Removal/ Demolition of obstructions, all Metal Components and other materials not specified on on the POW (ie, metal railing, etc), note: ONLY CONCRETE PEDESTAL WILL REMAIN	lot	1.00					
	Sub-total							
2.00	Concreting Works	cu.m	130.18					
	Lean Concrete (38.8 x 16.8m x .1m thk)	cu.m	65.18					
	New 2 Ramp (slab @ 0.20m thk)	cu.m	15.00					
	New Canal (.10m thk @ sides & base, w=0.5 , Ht=0.5, I=160m)	cu.m	24.00					
	New Footing- 13 Units (1.2 x 1.2m)	cu.m	7.00					
	New Pedestal- 13 Units (0.4 x .04m x 1.1m)	cu.m	3.00					
	Existing Pedestal-55 Units (retrofit from 0.4 x 0.4. to 0.6x0.6m)	cu.m	3.00					
	New Concrete Beam (0.25 x 0.2m)	cu.m	13.00					
2.01	Portland Cement	bag	1,172.00					
2.02	Crushed Gravel 1"	cu.m	130.18					
2.03	Washed Sand	cu.m	65.09					
2.00	Sub-total	ou.m	00.00					
3.00	Rebar Works							
3.00	New Footing- 13 Units (1.2 x 1.2m)							
		l.a	252.50					
	12- d16mm RSB O.C.B.W. (38pcs @ 6m Length)	kg	352.50					
	New Pedestal- 13 Units (0.4 x .04m x 1.1m)							
	8- d16mm Main Vertical RSB (36pcs @ 6m Length)	kg	334.50					
	d10mm RSBLateral Ties Spaced @ 0.15m OC (35pcs @ 6m Length)	kg	128.00					
	Existing Pedestal-55 Units (retrofit from 0.4 x 0.4. to 0.6x0.6m)							
	8- d16mm Main Vertical RSB (69pcs @ 6m Length)	kg	650.50					
	d10mm RSBLateral Ties Spaced @ 0.15m OC (217pcs @ 6m Length)	kg	810.50					
	New Concrete Beam (0.25 x 0.2m)							
	6- d16mm Main Horizontal RSB (224pcs @ 6m Length)	kg	2,118.00					
	d10mm RSBLateral Ties Spaced @ 0.15m OC (224pcs @ 6m Length)	kg	831.50					
	Concrete Ramp (2 sets)							
	d12mm RSB Spaced @ 0.10m OCBW	kg	684.00					
3.01	Deformed Round Bars, Grade 40	kg	5,909.50					
3.02	G.I. Tie Wire	kg	59.50					
	New Canal (.10m thk @ sides & base, w=0.5 , Ht=0.5, I=160m)							
	d12mm RSB Spaced @ 0.10m OCBW	kg	1,752.32					
3.01	Deformed Round Bars, Grade 40	kg	1,752.50					
3.02	G.I. Tie Wire	kg	18.00					
	Sub-total							
4.00	Formworks	sq.m	642.50					
	New Pedestal	sq.m	29.00					
	Retroffited Pedstal	sq.m	181.50					
	incurrence i custai	oq.iil						
	New Concrete Ream	ca m	100 00					
	New Concrete Beam New Concrete Canal	sq.m sq.m	168.00 264.00					



Department of Education

CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL : BOKOD CENTRAL SCHOOL LOCATION : BOKOD, BENGUET

OWNER: DEPARTMENT OF EDUCATION
SUBJECT: APPROVED BUDGET FOR CONTRACT

				UNIT COST		TOTAL COST		CDAND TOTAL
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
4.03	Plywood Ordinary, 1/2" x 4' x 8'	рс	235.00					
4.04	CWN, Assorted	kg	60.00					
	Sub-total							
5.00	Masonry Works							
	Boulder (ramp)	cu.m	50.40					
	Cement	sq.m	130.00					
	Sand	sq.m	8.00					
	Sub-total							
6.00	Doors and Windows							
6.01	Removal of Door with Jamb	set	8.00					
6.02	Removal of Window with Jamb	sq.m	108.90					
	D-1, Panel Door 1.0m x 2.10m on std. 150mm yakal or guijo or its approved equivalent wooden jamb complete with accessories including 0.45m Ht Decorative Yakal	set	9.00					
	Door Lockset	set	9.00					
	W-1, Capiz Window (2.20m x 2.75m) with frame, decorative yakal & Accessories, 16 sets	sq.m	96.80					
	W-2, Capiz Window (3.30m x 2.75m) with frame, decorative Yakal & Accessories, 6 sets	sq.m	54.45					
	Operable Window Grilles for Capiz Windows	sq.m	122.05					
	Sub-total Sub-total							
7.00	Steel Works							
	Steel railings of steps at front (1m ht)							
7.45	G.I. Pipe 2"Ø Sch.40	рс	2.00					
7.44	G.I. Pipe 1"Ø Sch.40	рс	8.00					
	100mm x 100mm x 4mm base plate	рс	12.00					
	Anchor Bolt	рс	48.00					
7.46	Welding Rod	kg	5.00					
	4" Grinding disk	рс	5.00					
13.11	Primer, Epoxy	gal	2.00					
13.06	Enamel, Quick Dry (Palmera Green)	gal	2.00					
	Tubular Steel railings at corridor							
7.28	Tubular 50mm x 150mm x 2.0mm	рс	3.00					
7.29	Tubular 50mm x 100mm x 1.5mm	рс	10.00					
7.46	Welding Rod	kg	10.00					
	4" Grinding disk	рс	10.00					
13.11	Primer, Epoxy	gal	3.00					
13.06	Enamel, Quick Dry (Palmera Green)	gal	3.00					
	Railings @ 2 Ramps	3						
	2" Dia. Stainless Steel Pipe	рс	6.00		1			
	1 1/2" Dia. Stainless Steel Pipe	рс	16.00					
	100mm x 100mm x 4mm base plate	рс	36.00					
	Anchor Bolt	рс	144.00		 	1		
	4" Grinding disk	рс	5.00	1		<u> </u>		
7.46	Welding Rod	kg	5.00		 			
7.40	Screen	sq.m	45.00		 			
	L 50 x 50 x 6mm thk (as frame)	kg	1,204.00		 	1		
	2" x 2" x 1/4" Steel Square Matting	pcs	16.00		 			
	d10 mm RSB- G40	<u> </u>	152.00		 	1		
7.40		kg				-		
7.46	Welding Rod	kg	5.00		 	-		
	Others					ļ		
	Brass Conservation Marker	lot	1.00					
	Stainless Build Up Signage Letter with Backlight Led Lights complete with accessories (BOKOD CENTRAL SCHOOL, BOKOD, BENGUET)	lot	1.00					
	Canal Cover (12mmSquare bar on 2" x 2" x 1/4" angle Bar Frame, I=160m)	lm	160.00					
	Sub-total							



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL: BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

				UNIT (COST	TOTAL	COST	
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
8.00	Roofing Works			MATERIAL	EABOR	WATERIAL	LABOR	
8.01	Removal of Roofing Sheets	lm	790.00					
8.02	Removal of Ridge Roll	рс	38.00					
8.03	Removal of Flashing	рс	12.00					
8.04	Removal of Gutter	рс	44.00		•			
8.16	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	lm	790.00					
8.19	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.5mm thk	pc	12.00		+	+		
8.17	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.5mm thk		38.00	-	-	 		
8.22a	Round-type Gutter, Pre-Painted, Ordinary, 8in thick x 2.440m x 0.6mm thk	pc	44.00					
8.19	20mm thk Decorative Fiber cement Board (@ FRONT , both sides)	pc pc	44.00		+			
8.35	Teckscrew 2-1/2"	рс	8,308.00		 	 		
8.36	Roof Sealant	L	40.00	 		 		
0.30	Sub-total	+	40.00	 	+	 		
9.00	Carpentry Works							
9.00								
0.04	Dismantling Works	5 4 6	0.005.70					
9.34	Removal of Wooden Truss	bd.ft	2,095.73		<u> </u>			
9.34a	Removal of Purlins	bd.ft	473.00		<u> </u>			
9.34a	Removal of Wall Studs	bd.ft	1,056.00					
9.34c	Removal of Floor Joists, Beams & Girders	bd.ft	10,037.05		<u> </u>			
9.34d	Removal of Ceiling Joists, Beams, Girders & Fascia	bd.ft	2,846.00		<u> </u>			
9.25	Removal of T&G (Floor)	Lft	14,132.00					
9.25a	Removal of T&G (Exterior walls)	sq.m.	8,002.00					
	NEW Interior Flooring Replacements	sq.m	392.00					
9.26	T&G 3/4" x 4"	Lft	14,132.00					
9.22	Finishing Nails	kg	69.00					
13.46	Wood Filler	qrt.	63.00					
9.42	Wood Preservative, Brown	L	49.00					
	NEW Wooden Fascia Board	sq.m	39.00		<u> </u>			
	Removal of Fascia Board	bd.ft.	121.00		_			
9.27	1"x12" S4S lumber	bd.ft.	121.00					
9.22	Finishing Nails	kg	11.00	-	-	<u> </u>		
9.42	Wood Preservative, Brown	L	5.00	-	-	 		
9.26	NEW Interior Ceiling Replacements includes ceiling @ Corridor T&G 3/4" x 4"	sq.m.	517.00 18,635.00	 	+	 		
9.13	2"x2" Rough lumber Hardwood (as Ceiling Joists)	bd.ft.	2,337.00	 	+	 		
9.13	Common Wire Nails		43.00	 	+	 		
9.23	Finishing Nails	kg	91.00	+	 	 		
9.42	Wood Preservative, Brown	kg L	65.00	 		 		
9.42				-	+	 		
0.00	NEW Exterior Ceiling	sq.m.	71.00	 	-	 		
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	26.00		1			
9.13	2"x2" Rough lumber Hardwood (as Ceiling Joists)	bd.ft.	388.00	-				
9.23	Common Wire Nails	kg	7.00	-	-			
9.22	Finishing Nails	kg	2.00		 	 		
9.42	Wood Preservative, Brown	L	9.00		 	 		
	NEW Interior walls (double walling)w/ groove	sq.m.	224.00	<u> </u>		ļ		
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	82.00	<u> </u>				
9.13	2"x2" Rough lumber Hardwood (wall studs)	bd.ft.	1,056.00	ļ				
9.23	Common Wire Nails	kg	20.00					
9.22	Finishing Nails	kg	5.00					
9.42	Wood Preservative, Brown	L	28.00					
	NEW wall partition(double wall) w/ groove	sq.m.	129.60	l				
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	48.00	ĺ				
9.13	2"x3" Rough lumber Hardwood (wall studs)	bd.ft.	644.00					
9.23	Common Wire Nails	kg	12.00	ſ	†			
9.22	Finishing Nails	kg	3.00	ſ				
9.42	Wood Preservative, Brown	L	17.00					
	NEW Exterior walls	sq.m.	333.00		 	 		
	T&G 3/4" x 6"	Lft	8,002.00		 	+		
		Lft	203.30	—	+	+		
	T&C 3/4" v 4" (@ corridor)				1	1	l .	I
0.22	T&G 3/4" x 4" (@ corridor)			-				
9.23 9.22	T&G 3/4" x 4" (@ corridor) Common Wire Nails Finishing Nails	kg kg	20.00					



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL : BOKOD CENTRAL SCHOOL LOCATION : BOKOD, BENGUET

				UNIT	COST	TOTAL COST		CDAND TOTAL	
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTA	
	Other Wood (Replacement 100%)			MATERIAL	LABOR	MATERIAL	LADOR		
	Truss Members, 4" x 8" (Top Chords)	bd.ft	799.20						
	Truss Members, 2- 2" x 8" (Bottom Chords)	bd.ft	761.75						
	Truss Members, 4" x 4" (Web Members, King Posts)	bd.ft	534.78						
	Wooden Roof Beam , 2-2" x 8" (PERIMETER BEAM)	bd.ft	958.63						
	Wooden Posts-44 sets, 8" x 8"	bd.ft.	845.00						
	,								
	Purlins, 2" x 3"	bd.ft	473.00						
	Floor Joist & Bridge, 2" x 8"	bd.ft	2,319.00						
9.13	Rough Lumber (Hard wood)	bd.ft	6,691.37						
9.23	Common Wire Nails	kg	121.00						
9.42	Wood Preservative, Brown	L	63.00						
	Decorative Coving Cornice, 2"	l.ft	698.00						
	Baseboards, 1" x 6"	bd.ft	106.40						
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft	106.40						
9.22	Finishing Nails	kg	12.00						
	Others	lot	1.00						
9.15	Ceiling Vent 1" x 12" x 4' with Screen	рс	16.00						
	Decorative lattice work on corridor	lot	1.00						
	Octagonal Gable Vent	set	2.00					İ	
	Connectors for trusses, columns etc (Bolts, Steel Plates, Angle Bars, etc)	lot	1.00						
	Blackboards (Lines not included)	sq.m	35.00					 	
9.18	S4S Lumber, Kiln Dried, Tanguile	bd.ft	224.83					<u> </u>	
9.20	Lawanit, 1/4" thk	pc	12.00		1			 	
9.21	Finishing Nails	kg	3.04						
4.04	CWN, Assorted		6.08		1				
9.22	Concrete Nails	kg	3.04		-				
		kg	3.04		-				
13.06	Enamel, Flatwall	L							
13.08	Enamel, Semi Gloss, Choco Brown	L	3.00						
13.08	Black Board Paint	gal	3.00						
13.09	Paint Thinner	L	3.00						
	Paint Brush, Assorted	pcs	6.00						
9.05	Sand Paper, Assorted	pcs	30.00						
9.05	Plywood, Marine 1/4" x 4' x 8' (as COVERING for top, bottom and sides)	pc	6.00						
	Cabinet								
	Cabinet 1 (I-3.5m, ht-2.4m)	sets	4.00						
	Cabinet 2 (I-4m, ht-2.4m) L type	sets	2.00						
	Plywood, Marine 3/4" x 4' x 8'	pcs	60.00						
	Finishing Nails	kg	8.00						
	S4S Lumber, Kiln Dried, Tanguile	bd.ft	90.00						
	Wood Filler	qrt.	10.00		 	1		 	
					1	1		1	
	Valspar	gal	8.00		-				
	Stainless Solid Pull Handle 4"	set	264.00						
	Concealed Soft Close Hydraulic Full Overlay Hinge	set	528.00					1	
	Stainless Double Magnetic Catch	set	264.00						
	Sub-total								
10.00	Electrical Works								
	Roughing-ins								
10.01	Electrical Conduit uPVC, 15mmØ	рс	106.00					1	
	Electrical Conduit Elbow/Connector uPVC, 15mmØ	рс	318.00						
10.08	RSC 32mmØ	рс	1.00		1	1		 	
10.35	Entrance Cap 32mm dia.	рс	1.00		1	1		 	
10.33	Junction Box, 4" x 4" G.I.	рс	49.00					 	
10.16	Utility Box, 2" x 4" G.I.		56.00		1	1	1	 	
		pc			-	1		 	
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					 	
40.1-	Wires & Fixtures		,		1	-		1	
10.12	5.5 mm2 THW Wire, Stranded	m	100.00		-				
10.13	14 mm2 THW Wire, Stranded	m	50.00					1	
10.11	3.5 mm2 THW Wire, Stranded	m	1,560.00						
10.28	Duplex C.O. with Plate, universal Slot (Interior)	рс	28.00						
10.28	Weather Proof Duplex CO, universal Slot (Exterior @ Corridor)	рс	2.00						
	Single C.O. with Plate (Wall Fan Outlet)	рс	26.00						



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT	COST	TOTAL	COST	GRAND TOTA
		0		MATERIAL	LABOR	MATERIAL	LABOR	CHURCH TOTAL
	3-Gang Switch with Plate with Led Indicator	рс	6.00					
	1-Gang Switch with Plate with Led Indicator	рс	15.00					
	Panel Box, Bolt-on type, 16 Branches with	set	1.00					
	60AT/125AF Main (Lugs)	001						
	125 AT, Double Throw Switch	set	1.00					
	300mm Globe Diffuser w/ Metal Hanger (1.5m Drop)	set	9.00					
	2-300mm Dia. Reflectorized Bowl Type Housing w/ 40W LED Light and							
	Hangers (See typical lighting fixture details).	set	40.00					
	Wall Fan	set	26.00					
	Circuit Breaker, 40A 2P	set	1.00					
	Circuit Breaker, 20A 2P	set	8.00					
	Circuit Breaker, 15A 2P	set	7.00					
	Electrical Tape	pc	50.00					
	Fire Alarm Bell, Vibrating Type (8" Ø)	set	1.00			-		
	Fire Alarm Station, Manual Single Action	set	1.00					
	Fire Alarm Control Panel, One Zone	set	1.00					
	Fire Extinguisher, 10Lbs (2set/Classroom, 1 set/Office, 2set @ Corridor) with							
	complete accessories	pc	16.00					
	Sub-total							
13.00	Painting Works							
70.00	Concrete surfaces (Pedestal & Beam)	sq.m	284.00					
13.18	Neutralizer	gal	15.00		 	 		
13.16	Latex, Flat		12.00		 	1		
13.14	Masonry Putty	gal gal	12.00		-			
13.02	Latex, Semi Gloss	gal	24.00					
13.20	Acri Color	qrt	9.00			-		
13.20	Wood surfaces		1,819.00					
	NEW Wooden Fascia Board	sq.m	39.00					
		sq.m						
	NEW Interior Ceiling Replacements includes ceiling @ Corridor	sq.m.	517.00					
	NEW Exterior Ceiling	sq.m.	576.00					
	NEW Interior walls (double walling)w/ groove	sq.m.	224.00					
	NEW wall partition(double wall) w/ groove	sq.m.	130.00					
	NEW Exterior walls	-	333.00					
		sq.m.						
	Others	lot	1.00					
13.04	Enamel, Flatwall	gal	77.00					
13.15	Glazing Putty	gal	77.00					
13.05	Enamel, Semi Gloss	gal	153.00					
13.16	Paint Thinner	gal	61.00					
	Wooden Flooring	sq.m	392.00					
13.32	Wood Bleach #1	gal	16.00					
13.33	Wood Bleach #2	gal	16.00			1		
13.31	Valspar	gal	11.00					
13.22	Sanding Sealer	gal	16.00					
13.43	Sand Paper #100	m	50.00					
13.44	Sand Paper #80	m	50.00					
	Sub-total							
14.00	Tile Works							
	Flooring @ corridor	sq.m	16.00					
14.02	NON SKID Floor Tiles 40cm x 40cm, dark red	рс	115.00					
14.03	Tile Adhesive 25 kg/bag	bag	4.00					
14.05	Tile Grout 5 kg/bag	bag	2.00					
2.02	Portland Cement	bag	11.00					
2.05	Washed Sand	cu.m	2.00		1			
	Flooring @ 2 ramps	sq.m	66.00					
14.02	Tactile , Button Type, Red, 20x20 cm	pc	1,739.00					
17.32	Tactile , Directional, Yellow, 20x20 cm	pc	138.00		 	1		
14.03			14.00		 	+		
	Tile Adhesive 25 kg/bag	bag			 	1		
14.05	Tile Grout 5 kg/bag	bag	7.00		 	1		
2.02	Portland Cement	bag	45.00			1		
			5.00	1	1	1	l .	1
2.05	Washed Sand Sub-total	cu.m	5.00					



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL : BOKOD CENTRAL SCHOOL LOCATION : BOKOD, BENGUET

15	DECOP: INTERIOR		051	UNIT (COST	TOTA	L COST	OD 4112 TOT ::
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
	Riprap @ rear of Building (I=38.8, ht= 2.5, Thk Top=0.6m, thk bottom=1m)	cu.m	77.60					
	Boulder	cu.m	78.00					
	Cement	sq.m	200.00					
	Sand	sq.m	12.00					
	Sub-total							
	COMFORT ROOM- 4 SEATER	UNIT	2.00					
1.0000	Earthworks							
1.0100	Clearing and Grubbing	sq.m	44.80					
1.0200	Structural Excavation	cu.m	17.40					
1.0300	Backfilling and Compaction	cu.m	12.74					
1.0400	Gravel Bedding G-1	cu.m	2.40					
1.0500	Select Fill Soil Poisoning	cu.m	4.12					
1.0600	Sub-total	sq m	44.80					
2.0000	Concreting Works (3000 psi)							
2.0000	Wall Footing	cu.m	8.06					
2.0200	Portland Cement	bag	74.00					
2.0400	Crushed Gravel 1"	cu.m	8.50					
2.0500	Washed Sand	cu.m	4.50					
	Columns	cu.m	1.34					
2.0200	Portland Cement	bag	14.00					
2.0300	Crushed Gravel 3/4"	cu.m	1.50					
2.0500	Washed Sand	cu.m	1.00					
	Beams	cu.m	2.29					
2.0200	Portland Cement	bag	22.00					
2.0300	Crushed Gravel 3/4"	cu.m	2.50					
2.0500	Washed Sand	cu.m	1.50					
2.0200	Slab on Grade Portland Cement	cu.m bag	4.13 38.00					
2.0400	Crushed Gravel 1"	cu.m	4.50					
2.0500	Washed Sand	cu.m	2.50					
	Handwashing	cu.m	0.73					
2.0200	Portland Cement	bag	8.00					
2.0400	Crushed Gravel 1"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	Sub-total							
3.0000	Rebar Works							
3.0000	Wall Footing	kg	297.03					
3.0000	Wall Footing Column	kg	273.87					
3.0000	Wall Footing Column Beam	kg kg	273.87 200.41					
3.0000	Wall Footing Column Beam Slab on Grade	kg kg kg	273.87 200.41 158.61					
	Wall Footing Column Beam Slab on Grade Handwashing	kg kg kg kg	273.87 200.41 158.61 27.92					
3.0500	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40	kg kg kg kg kg	273.87 200.41 158.61 27.92 957.84					
	Wall Footing Column Beam Slab on Grade Handwashing	kg kg kg kg	273.87 200.41 158.61 27.92					
3.0500	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire	kg kg kg kg kg	273.87 200.41 158.61 27.92 957.84					
3.0500 3.1200	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total	kg kg kg kg kg	273.87 200.41 158.61 27.92 957.84					
3.0500 3.1200 4.0000	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber	kg kg kg kg kg kg	273.87 200.41 158.61 27.92 957.84 20.00					
3.0500 3.1200 4.0000 4.0100 4.0200	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8'	kg kg kg kg kg kg bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00					
3.0500 3.1200 4.0000	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted	kg	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams	kg sq.m	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 8.59					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber	kg kg kg kg kg kg kg kg kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 8.59 44.40					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0100 4.0200	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8'	kg kg kg kg kg kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 8.59 44.40					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Fornworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Coco Lumber Plywood Ordinary, 1/4" x 4" x 8"	kg kg kg kg kg kg sq.m bd.ft pc sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 8.59 44.40 2.00					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing	kg kg kg kg kg kg kg sq.m bd.ft pc kg sq.m bd.ft pc	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 8.59 44.40 2.00 2.00 7.28					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber	kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 8.59 44.40 2.00 2.00 7.28 37.20					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted	kg kg kg kg kg kg kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 2.00 2.00 2.00 7.28 37.20					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted	kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 8.59 44.40 2.00 2.00 7.28 37.20					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted	kg kg kg kg kg kg kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 2.00 2.00 2.00 7.28 37.20					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works	kg kg kg kg kg kg kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 8.59 44.40 2.00 2.00 7.28 37.20 2.00					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0100 4.0200 4.0400	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted	kg kg kg kg kg kg kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 4.00 2.00 2.00 2.00 7.28 37.20					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0100 4.0200 4.0400 5.0000	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works	kg kg kg kg kg kg kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m	273.87 200.41 158.61 27.92 957.84 20.00 4.00 4.00 4.00 2.00 2.00 7.28 37.20 2.00					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400 5.0000 5.0200 2.0200 2.0500	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Gub-total Masonry Works Masonry Wall CHB 6" thk Portland Cement Washed Sand	kg kg kg kg kg kg kg kg bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 33.12 169.20 4.00 8.59 44.40 2.00 7.28 37.20 2.00 2.00 1,894.00 1,894.00 76.00 8.00					
3.0500 3.1200 4.0000 4.0100 4.0200 4.0400 4.0200 4.0400 4.0100 4.0200 4.0400 5.0000	Wall Footing Column Beam Slab on Grade Handwashing Deformed Round Bars, Grade 40 G.I. Tie Wire Sub-total Formworks Columns Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Beams Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber Plywood Ordinary, 1/4" x 4" x 8" CWN, Assorted Handwashing Coco Lumber CWN, Assorted Handwashing Coco Lumber Sub-total Masonry Works Masonry Works Masonry Works Masonry Woll CHB 6" thk Portland Cement	kg kg kg kg kg kg kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	273.87 200.41 158.61 27.92 957.84 20.00 					



Department of Coucation

CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL: BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

	DECOS: INC.			UNIT COST		TOTAL COST		
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTA
	Plastering	sq.m	288.53					
2.0200	Portland Cement	bag	88.00					
2.0500	Washed Sand	cu.m	10.00					
	Sub-total Sub-total							
6.0000	Doors and Windows							
	D-1, (0.90m x 2.10m) Steel Door (3 Hinges,palmera green finsh, palmera							
6.0310	green finish)	set	2.00					
6.0430	D-3, (0.70m x 2.10m) Steel Door (3 Hinges, palmera green finish)	set	6.00					
6.0800	W-3,4 sets (0.60m x 0.60m) Awning Type Steel Casement Window with	sq.m						
0.0000	1/4" thk Glass & Full Silicon Coverage	3q.iii	6.00					
	Sub-total Sub-total							
7.0000	Steel Works							
	LC 75 x 50 x 15 x 2.0mm	kg	435.20					
7.0200	LC 150 x 50 x 25 x 6.0mm	kg	352.80					
7.1000	L 50 x 50 x 5mm	kg	13.41					
13.1210	Primer, Red Oxide	gal	2.00					
13.0900	Paint Thinner	gal	2.00					
	Assorted Painbrush/Roller w/ Pan	pcs	6.00					
7.3500	50 mmØ Stainless Steel Pipe	рс	10.00					
7.3600	Welding Rod	kg	18.00					
	Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm						
			88.00					
8.0820	Flashing Ga.26, 24"x 8'	рс	16.00					
8.1000	Teckscrew 2-1/2"	pc	1,360.00					
8.1300	Roof Sealant	L	4.00					
	Sub-total							
9.0000	Carpentry Works							
	Ceiling	sq.m	74.80					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	482.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	26.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	10.00					
9.1420	Fascia Board, Fiber Cement 12" x 1/2" x 8'	рс	22.00					
	Sub-total Sub-total							
10.0000	Electrical Works							
	Roughing-ins							
10.0100	Electrical Conduit uPVC, 15mmØ	рс	16.00					
10.1200	Junction Box, 4" x 4" G.I.	рс	40.00					
10.1300			10.00					
	Utility Box, 2" x 4" G.I.	рс	10.00					
	Utility Box, 2" x 4" G.I.	рс						
	Utility Box, 2" x 4" G.I. Wires & Fixtures		10.00					
10.2900	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded	m	10.00					
10.2900	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	m set	10.00 132.00 10.00					
10.2900	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø	m set pc	10.00 132.00 10.00 10.00					
	Utility Box, 2* x 4* G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2*0 20A, 2P, 230V Safety Breaker with ABS Enclosure	m set pc set	10.00 132.00 10.00 10.00 2.00					
10.2900	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"0 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape	m set pc	10.00 132.00 10.00 10.00					
10.5500	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total	m set pc set	10.00 132.00 10.00 10.00 2.00					
10.5500	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"0 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works	m set pc set pc	10.00 132.00 10.00 10.00 2.00 2.00					
10.5500 11.0000 11.0200	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories	m set pc set pc	10.00 132.00 10.00 10.00 2.00 2.00					
10.5500	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"0 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange	m set pc set pc set set set	10.00 132.00 10.00 10.00 2.00 2.00 8.00					
10.5500 11.0000 11.0200 11.0100	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"0 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type	m set pc set pc set set set set	10.00 132.00 10.00 10.00 2.00 2.00 8.00 8.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø	m set pc set pc set set set set pc	10.00 132.00 10.00 10.00 2.00 2.00 8.00 8.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless	m set pc set pc set set set set set set set set set	10.00 10.00 10.00 2.00 2.00 8.00 8.00 2.00 10.00					
11.0000 11.0200 11.0100 11.0500 11.0410 11.4410	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4"	m set pc set pc set	10.00 132.00 10.00 2.00 2.00 2.00 8.00 2.00 10.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø	m set pc set pc set set set set set set set set set	10.00 132.00 10.00 2.00 2.00 8.00 2.00 10.00 2.00 8.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.4400	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet 1.6gpf with Accessories Water Loset Flange Lavatory - Wall Hang Type Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø	m set pc set pc set	10.00 132.00 10.00 2.00 2.00 8.00 2.00 10.00 2.00 2.00 2.00 2.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.4400	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Celling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø PP-R Pipe 1/2"Ø x 4.0m	m set pc set pc set	10.00 132.00 10.00 2.00 2.00 8.00 2.00 10.00 2.00 8.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.4400	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet 1.6gpf with Accessories Water Loset Flange Lavatory - Wall Hang Type Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø	m set pc set pc set set set set set set set pc	10.00 132.00 10.00 2.00 2.00 8.00 2.00 10.00 2.00 2.00 2.00 2.00 2.00					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.4400	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Celling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø PP-R Pipe 1/2"Ø x 4.0m	m set pc set set set set set pc pc pc pc pc	10.00 132.00 10.00 2.00 2.00 8.00 8.00 2.00 10.00 2.00 2.00 2.00 10.00 2.00 10.00 2.00 10.0					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.1100 11.2200	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø PP-R Flebow 90" x 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø	m set pc set pc set set set set pc set set set pc set set set pc pc pc pc	10.00 132.00 10.00 2.00 2.00 8.00 2.00 8.00 2.00 2.00 8.00 2.00 10.00 2.00 10.0					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.1100 11.2200	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø PP-R Fipe 1/2"Ø PP-R Elbow 90" x 1/2"Ø PP-R Elbow 90" x 1/2"Ø PP-R Elbow 90" x 1/2"Ø PP-R Coupling Reducer, 1/2" x 3/4"Ø	m set pc set set set set set set pc pc pc pc pc pc pc pc	10.00 132.00 10.00 2.00 2.00 8.00 2.00 10.00 2.00 2.00 10.00 2.00 10.00 2.00 10.00 1					
10.5500 11.0000 11.0200 11.0100 11.0500 11.0410 11.4410 11.1100 11.2200	Utility Box, 2" x 4" G.I. Wires & Fixtures 3.5 mm2 THW Wire, Stranded Single Pole Wall Switch in One Switch Plate (10 AMP, 230V) Ceiling Receptacle 3-1/2"Ø 20A, 2P, 230V Safety Breaker with ABS Enclosure Electrical Tape Sub-total Plumbing Works Water Closet 1.6gpf with Accessories Water Closet Flange Lavatory - Wall Hang Type Faucet, Hose Bibb, Brass 1/2"Ø Faucet, Lavatory, Stainless S.S. Floor Drain 4" x 4" S.S. Grab Rail 1-1/2"Ø Gate Valve, 1/2"Ø PP-R Flebow 90" x 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø PP-R Tee, 1/2"Ø	m set pc set set set set set set pc	10.00 132.00 10.00 2.00 2.00 8.00 2.00 8.00 2.00 2.00 8.00 2.00 10.00 2.00 10.0					



Department of Coucation

CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL: BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

				UNIT	TOCT	TOTAL	LCOST	
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
12.0000	Sanitary Works			WATERIAL	LABOR	WATERIAL	LABOR	
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	рс	10.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	рс	14.00					
12.1100	PVC Sanitary Elbow 90° x 2"Ø	рс	10.00					
12.2200	PVC Sanitary Tee 2" x 2"	рс	10.00					
12.0900	PVC Sanitary Elbow 90° x 4"Ø	рс	10.00					
12.2700	PVC P-Trap 2"	рс	14.00					
12.2400	Brass Cleanout 4" x 4"	рс	2.00					
12.3000	PVC Cement	can	2.00					
	SEPTIC VAULT (1.50 m x 2.00 m x 1.80 m)	lot	2.00					
	Sub-total							
13.0000	Painting Works							
10.0000	Concrete surfaces	sq.m	239.48					
13.0100	Neutralizer	gal	12.00					
13.0300	Masonry Putty	gal	8.00					
13.0200	Latex, Flat	gal	10.00					
13.0400	Latex, Semi Gloss	gal	16.00					
13.0500	Acri Color	qrt	6.00					
. 5.0000	Wood surfaces	sq.m	100.00				—	
13.0600	Enamel, Flatwall	gal	4.00					
13.0700	Glazing Putty	gal	4.00					
13.0800	Enamel, Semi Gloss	gal	4.00					
13.0900	Paint Thinner	gal	2.00					
13.0900	Assorted Paint Brush/ Roller with pan	pc	10.00					
	Assorted Faint Brosil Roller with pair Assorted Sand Paper	рс	20.00					
	Sub-total	pc	20.00					
14.0000	Tile Works							
14.0000			40.05					
14.0110	Wall Glazed Wall Tiles 20cm x 20cm	sq.m	49.05					
14.0110	Tile Adhesive 25 kg/bag	pc	1,288.00					
14.0400	Tile Trim 6mm	bag	10.00					
		pc	12.00					
14.0500	Tile Grout 5 kg/bag	bag	6.00					
2.0200	Portland Cement	bag	18.00					
2.0500	Washed Sand	cu.m	3.00					
44.0040	Flooring	sq.m	12.88					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	494.00					
14.0300	Tile Adhesive 25 kg/bag	bag	4.00					
14.0500	Tile Grout 5 kg/bag	bag	2.00					
2.0200	Portland Cement	bag	8.00					
2.0500	Washed Sand	cu.m	1.00					
	Handwashing	sq.m	12.00					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	316.00			ļ		
14.0300	Tile Adhesive 25 kg/bag	bag	4.00					
14.0500	Tile Grout 5 kg/bag	bag	2.00					
14.0400	Tile Trim 6mm	pc	8.00					
	Sub-total							
	CONSTRUCTION OF GROUP HANDWASHING FACILITY - FOR							
	ELEMENTARY (OPTION 1A - WITH ROOFING, WITH COUNTER WITH TILE	UNIT	4.00					
	FINISH)							
1.0000	Earthworks		E4.00					
1.0100	Clearing and Grubbing Structural Excavation	sq.m	54.89					
1.0200	Backfilling and Compaction	cu.m	5.63 6.19					
1.0400	Gravel Bedding G-1	cu.m	1.50					
1.0500	Select Fill	cu.m	6.19					
1.0600	Soil Poisoning	sq m	60.38					
	Sub-total							
2.0000	Concreting Works							
2.0000	Column Footing	cu.m	0.77			-		
2.0200	Portland Cement Crushed Gravel 1"	bag	7.20			-		
2.0400	Crushed Gravel 1" Washed Sand	cu.m	0.90 0.50					
2.0000	Column (PC)	cu.m	0.30				 	
2.0200	Portland Cement	bag	3.60				 	
2.0300	Crushed Gravel 3/4"	cu.m	0.38					
2.0500	Washed Sand	cu.m	0.20					
		_	_			_		



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL : BOKOD CENTRAL SCHOOL LOCATION : BOKOD, BENGUET

I.D. NO				UNIT (COST	TOTAL	COST	
1.0.110	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
	Beam on Grade	cu.m	3.74		27.201.			
2.0200	Portland Cement	bag	34.80					
2.0300	Crushed Gravel 3/4"	cu.m	4.13					
2.0500	Washed Sand	cu.m	2.25					
	Beam	cu.m	0.91					
2.0200	Portland Cement	bag	8.40					
2.0300	Crushed Gravel 3/4"	cu.m	1.05					
2.0500	Washed Sand	cu.m	0.55					
	Slab on Grade	cu.m	5.49					
2.0200	Portland Cement	bag	50.40					
2.0300	Crushed Gravel 3/4"	cu.m	6.08					
2.0500	Washed Sand	cu.m	3.30					
	R. C. Platform (Above Partition Wall)	cu.m	0.40					
2.0200	Portland Cement	bag	4.80					
2.0300	Crushed Gravel 3/4"	cu.m	0.45					
2.0500	Washed Sand	cu.m	0.25					
	R. C. Concrete Counter	cu.m	2.42					
2.0200	Portland Cement	bag	22.80					
2.0300	Crushed Gravel 3/4"	cu.m	2.70					
2.0500	Washed Sand	cu.m	1.50					
	Lean Concrete	cu.m	0.98					
2.0200	Portland Cement	bag	9.60					
2.0500	Washed Sand	cu.m	0.90					
	Sub-total Sub-total							
3.0000	Rebar Works							
	Column Footing	kg	33.82					
	Column (PC)	kg	60.88					
	Beam on Grade	kg	485.94					
	Beam	kg	122.82					
	R. C. Concrete Counter	kg	284.80					
3.0500	Deformed Round Bars, Grade 40	kg	988.26					
	Column (PC)	kg	40.62					
	Beam on Grade	kg	506.81					
	Beam	kg	77.38					
	Slab on Grade	kg	259.66					
	R. C. Platform (Above Partition Wall)	kg	55.43					
3.0900	Deformed Round Bars, Grade 33	kg	939.90					
3.1200	G.I. Tie Wire	kg	40.00					
	Sub-total							
4.0000	Formworks							
	Beam on Grade		40.00					
4.0400	Deall of Grade	sq.m	49.80					
4.0100	Coco Lumber	sq.m bd.ft	399.00					
4.0100								
	Coco Lumber	bd.ft	399.00					
4.0200	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8'	bd.ft pc	399.00 9.00					
4.0200 4.0400 4.0100	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Column (PC) Coco Lumber	bd.ft pc kg	399.00 9.00 6.00 5.94 48.00					
4.0200 4.0400 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Column (PC)	bd.ft pc kg sq.m	399.00 9.00 6.00 5.94					
4.0200 4.0400 4.0100	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Column (PC) Coco Lumber	bd.ft pc kg sq.m bd.ft	399.00 9.00 6.00 5.94 48.00					
4.0200 4.0400 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4" x 4' x 8'	bd.ft pc kg sq.m bd.ft pc	399.00 9.00 6.00 5.94 48.00 2.00					
4.0200 4.0400 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted	bd.ft pc kg sq.m bd.ft pc kg	399.00 9.00 6.00 5.94 48.00 2.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam	bd.ft pc kg sq.m bd.ft pc kg	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100	Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4" x 4' x 8' CWN, Assorted Beam Coco Lumber	bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8'	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc pc pc pc	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted COCO Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter	bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00 40.40					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400 4.0100	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 40.40 324.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. WN, Assorted Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc sq.m	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00 40.40 324.00 7.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0100 4.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted S. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc	399.00 9.00 6.00 5.94 48.00 2.00 12.12 97.00 3.00 2.00 40.40 40.40 324.00 5.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. WN, Assorted Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00 40.40 324.00 7.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 5.0000 5.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted S. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00 40.40 5.00 324.00 5.00 5.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 5.0000	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works	bd.ft pc kg sq.m bd.ft pc	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 2.00 40.40 324.00 7.00 5.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 5.0000 5.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Plywood Ordinary, 1/4* x 4' x 8' Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works Masonry Works Masonry Woll CHB 6" thk	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 3.00 2.00 40.40 5.00 324.00 5.00 5.00					
4.0200 4.0400 4.0100 4.0200 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 5.0000 5.0200 2.0200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works Masonry Wall CHB 6* thk Portland Cement	bd.ft pc kg sq.m bd.ft pc pc kg sq.m	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 2.00 40.40 324.00 5.00 39.80 39.80 39.80 32.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0400 4.0400 4.0200 4.0400 5.0000 5.0200 2.0200 2.0500	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Wasnery Works Masonry Works Masonry Wall CHB 6" thk Portland Cement Washed Sand	bd.ft pc kg sq.m bd.ft pc hg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 2.00 40.40 324.00 5.00 39.80 548.00 32.00 2.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0400 4.0200 4.0200 4.0400 5.0000 5.0000 5.0200 2.0200 2.0500 5.0400	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Plywood Ordinary, 1/4* x 4' x 8' Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works Masonry Works Masonry Works Portland Cement Washed Sand 10mm x 6m RSB G.I. Tie Wire	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 2.00 40.40 324.00 5.00 39.80 548.00 32.00 2.00 106.50 2.00					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 4.0200 4.0400 5.0000 5.0200 2.0200 2.0200 5.0400 3.1200	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works Masonry Wall CHB 6* thk Portland Cement Washed Sand 10mm x 6m RSB G.I. Tie Wire Plastering	bd.ft pc kg sq.m bd.ft pc kg	399.00 9.00 6.00 5.94 48.00 1.00 12.12 97.00 2.00 40.40 324.00 7.00 5.00 39.80 548.00 2.00 106.50 2.00 79.60					
4.0200 4.0400 4.0100 4.0200 4.0400 4.0400 4.0200 4.0400 4.0400 5.0000 5.0000 5.0200 2.0200 2.0500 5.0400	Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Plywood Ordinary, 1/4* x 4' x 8' Column (PC) Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Beam Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted R. C. Concrete Counter Coco Lumber Plywood Ordinary, 1/4* x 4' x 8' CWN, Assorted Sub-total Masonry Works Masonry Works Masonry Works Masonry Works Portland Cement Washed Sand 10mm x 6m RSB G.I. Tie Wire	bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft pc bd.ft pc kg sq.m bd.ft pc kg sq.m bd.ft	399.00 9.00 6.00 5.94 48.00 2.00 1.00 12.12 97.00 2.00 40.40 324.00 5.00 39.80 548.00 32.00 2.00 106.50 2.00					



CORDILLERA ADMINISTRATIVE REGION

Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL LOCATION: BOKOD, BENGUET

				UNIT	UNIT COST		TOTAL COST	
I.D. NO	DESCRIPTION	UNIT	QTY	MATERIAL	LABOR	MATERIAL	LABOR	GRAND TOTAL
7.0000	Steel Works							
7.0090	50 x 75 x 1.2mm C - purlins	kg	503.04					
7.0090	50mm x 100mm x 2mm thk Tubular (Rafter)	kg	232.12					
7.0090	100mm x 100mm x 2mm thk Tubular (Post)	kg	51.24					
7.0090	50mm x 100mm x 2mm thk Tubular (Diagonal Support)	kg	91.32					
7.1010	L 50 x 50 x 2mm	kg	90.48					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	рс	3.60					
	Expansion Bolt	рс	96.00					
7.1820	Mechanical Bolt A325 (16mmø x 100mm)	рс	32.00					
7.3600	Welding Rod	kg	16.00					
	Sub-total Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	100.00					
8.1000	Teckscrew 2-1/2"	рс	1,904.00					
8.1300	Roof Sealant	L	8.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	рс	32.00					
	Sub-total							
11.0000	Plumbing Works							
	Water Line							
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	рс	64.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	рс	28.00					
11.1400	PP-R Coupling, 1"Ø	рс	28.00					
11.2000	PP-R Elbow 90° x 1"Ø	рс	40.00					
	PP-R Cross Tee Reducer, 1" x 1/2"Ø	рс	28.00					
	PP-R Tee Reducer, 1" x 1/2"Ø	рс	8.00					
	Female Adaptor 1/2"Ø	рс	64.00					
	PP-R End Cap, 1"Ø	рс	4.00					
11.3700	Gate Valve, 1"Ø	рс	4.00					
11.4200	Teflon Tape	roll	64.00					
	Drainage Line							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	рс	24.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	рс	40.00					
12.1600	PVC Sanitary Wye 4" x 4"	рс	4.00					
12.2000	PVC Sanitary Wye Reducer 4" x 2"	рс	24.00					
12.1800	PVC Sanitary Wye 2" x 2"	рс	8.00					
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	рс	36.00					
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	рс	4.00	 				
12.1100	PVC Sanitary Elbow 90° x 2"Ø	рс	80.00	+				
12.1100	PVC Sanitary Tee 2" x 2"	pc	28.00	 				
12.2400	Brass Cleanout 4" x 4"	pc	4.00					
12.2700	PVC P-Trap 2"	pc	32.00	 	 			
11.4410	S.S. Floor Drain 4" x 4"	set	40.00		 			
12.3000	PVC Cement		32.00	+	-	+		
		can	32.00	 	_	-		-
	Sub-total Painting Works							
	Concrete surfaces	sq.m	51.32					
13.0100	Neutralizer	gal	4.00	 	 			
13.0200	Latex, Flat	gal	4.00	t	1			t
13.0300	Masonry Putty	gal	4.00					
13.0400	Latex, Semi Gloss	gal	4.00					
13.0500	Acri Color	qrt	4.00					
	Steel Surfaces							
13.1100	Primer, Zinc Chromate	gal	8.00					
13.0900	Paint Thinner	gal	20.00					
	Paint Brush, Assorted	pcs	20.00					



CORDILLERA ADMINISTRATIVE REGION Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WOTH TWO (2) OFFICES

DIVISION : BENGUET

SCHOOL : BOKOD CENTRAL SCHOOL LOCATION : BOKOD, BENGUET

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
1.5. 140	Decoral Hore	O.U.	.	MATERIAL	LABOR	MATERIAL	LABOR	ORAND TOTAL
14.0000	Tile Works							
	Wall	sq.m	28.28					
	Granite Tiles 40cm x 40cm	рс	188.00					
14.0300	Tile Adhesive 25 kg/bag	bag	12.00					
14.0500	Tile Grout 5 kg/bag	bag	4.00					
14.0400	Tile Trim, 6mm, 3m	рс	16.00					
	R.C. Counter	sq.m	35.96					
	Granite Tiles 40cm x 40cm	рс	236.00					
14.0300	Tile Adhesive 25 kg/bag	bag	8.00					
14.0400	Tile Trim 6mm	рс	20.00					
14.0500	Tile Grout 5 kg/bag	bag	4.00					
	Sub-total							
I.	Direct Cost							
II.	Indirect Cost (% of (I-Gen Req))							
III.	Tax (% of I & II)							
IV.	Total Construction Cost (I + II + III)							

Prepared by:	Recommending Approval:
MICHICO ANNE A. DAGDAGEN	EDGAR H. MADLAING
DepEd Project Engineer	Chief, ESSD
Reviewed By:	Approved:
CHRISTOPHER B. HADSAN	ESTELA L. CARIÑO EdD, CESO III
Regional Engineer	REGIONAL DIRECTOR/DIRECTOR IV

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Leg	al Do	<u>cuments</u>
	(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
		<u>or</u>
	(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;
		and
	(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;
	(e)	and Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
Tec	chnica	l 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) similar to the contract to be bid, except under conditions provided under the rules;
	<i>a</i> >	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>
	(j)	Original copy of Notarized Bid Securing Declaration; <u>and</u> 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
П	(k)	Original duly signed Omnibus Sworn Statement (OSS);

<u>and</u> if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

other requirement for submission:

- Site Inspection Certificate signed by the Principal/Officer-In Charge/ Officer of the Day of the School. Site Inspection Certificate is to be accompanied by a picture of the project engineer/foreman/owner or any technical employee with the Gabaldon bldg, as the background

Financial Documents The prospective bidder's audited financial statements, showing, among others, \sqcap (1) 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 The prospective bidder's computation of Net Financial Contracting Capacity П (m) (NFCC). Class "B" Documents If applicable, duly signed joint venture agreement (JVA) in accordance with (n) П RA No. 4566 and its IRR in case the joint venture is already in existence; duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful. II. FINANCIAL COMPONENT ENVELOPE (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 Duly accomplished Detailed Estimates Form, including a summary shee (q) П indicating the unit prices of construction materials, labor rates, and equipmen rentals used in coming up with the Bid; and '(r) Cash Flow by Quarter.

other requirement:

'(s) USB/flash drive (soft copy of Financial proposal in excel format)

Note: 1. Templates for the Omnibus Sworn Statement (Revised), Bid Form and the Bid Securing Declaration are herein attached.

2.Sample/Format for Site Inspection Certificate is also herein attached

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

- I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:
- 1. [Select one, delete the other:]

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

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

2. [Select one, delete the other:]

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

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

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

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

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

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - 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]

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM	
	Date :
Project Identification	n No. :

To: [name and address of Procuring Entity]

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

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

-

¹ currently based on GPPB Resolution No. 09-2020

- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- 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:

Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES)	
CITY OF) S.S.
	_/ ~

BID SECURING DECLARATION Project Identification No.: [Insert number]

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

I/We, the undersigned, declare that:

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

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

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

[Jurat]

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

Republic of the Philippines Department of Education

Division of	
	School

Site Inspection Certificate

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY tha	ıt				_ of
	came	for	site	inspection	in
relation to the Conservation	n/Restoration	on/R	ehabi	litation of	the
Gabaldon Building of the sch	ool.				
Tagged this	-1£			0001	
Issued this	day of			, 2021.	
(Prin	cipal/Officer-	-In-Ch	arge/(Officer of the l	Эау

Note: This is to be signed by the Principal/Officer-In-Charge/Officer of the Day of the School. Site Inspection Certificate is to be accompanied by a picture of either the project engineer/foreman/owner or any technical employee of the bidder with the Gabaldon Bldg as background.

