

PHILIPPINE BIDDING DOCUMENTS

**RESTORATION/
REHABILITATION
OF GABALDON
SCHOOL
BUILDINGS
CY 2021**

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.**

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippines
Department of Education
 Cordillera Administrative Region

**Invitation to Bid for the
 Restoration/Rehabilitation of Gabaldon School Buildings
 CY 2021**

1. The Department of Education – Cordillera Administrative Region Regional Office (DepEd-CAR RO), through the 2021 General Appropriations Act intends to apply the sum of:
 - a. Fourteen Million Eight Hundred Twenty Five Thousand Three Hundred Ninety Four Pesos and 30/100 (Php14,825,394.30) only for LOT 1 with identification number CB 2021-007-Lot 1 ;
 - b. Sixteen Million Eight Hundred Seventeen Thousand Three Hundred Thirty Two pesos (Php16,817,332.00) only for LOT 2 with identification number CB 2021-007-Lot 2;

being the Approved Budget for the Contract (ABC) to payments under the contract for each lot. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

2. The DepEd-CAR RO now invites bids for the above Procurement Project. Completion of the Works/Contract Duration and other details are as follows:

LOT NO.	SCHOOLS	LOCATION	ABC (Php) per Lot	Contract Duration
1	Bucay Central School, 4 classrooms; Dolores Central School, 4 classrooms; Luba Central School, 2 classrooms	Abra (Bucay, Dolores, Luba)	14,825,394.30	180 Cds
2	Bokod Central School	Bokod, Benguet	16,817,332.00	180 Cds

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).

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 April 30, 2021 from the given address and website/s below and upon payment of



Address: Wangal, La Trinidad, Benguet, 2601
 Telephone No: (074) 422 – 1318 | Fax No.: (074) 422-4074
 Website: www.depedcar.ph | Email Address: car@deped.gov.ph



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Republic of the Philippines
Department of Education
Cordillera Administrative Region

the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Php15,000.00 for Lot 1 and Php 17,000.00 for Lot 2.** The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

6. The DepEd-CAR Regional Office will hold a **Pre-Bid Conference on May 7, 2021 at 9am 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 9am of May 19, 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 May 19, 2021 (Wednesday) at 9:01am at the covered court of the 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. Bidders may bid for more than one (1) lot provided that the total value of lots to be awarded shall be within its Allowable Range of Contract Cost (ARCC) and its experience.
11. 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.
12. 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*

13. You may visit the following websites:

For downloading of Bidding Documents: ***depedcar.ph***

April 29, 2021


FLORANTE E. VERGARA
BAC Chairperson



Address: Wangal, La Trinidad, Benguet, 2601
Telephone No: (074) 422 – 1318 | Fax No.: (074) 422-4074
Website: www.depedcar.ph | Email Address: car@deped.gov.ph



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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** with Project Identification Numbers:

- a. LOT 1 -- Identification number CB 2021-007-Lot 1
- b. LOT 2 -- Identification number CB 2021-007-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:

LOT NO.	ABC (Php) per Lot
1	14,825,394.30
2	16,817,332.00

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 May 7, 2021 at 9am** 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 September 16, 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: <i>Restoration/Rehabilitation/Conservation of Heritage Building/Gabaldon School Buildings</i>																					
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	<i>No further instructions</i>																					
10.4	The key personnel must meet the required minimum years of experience set below: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>Project Engineer</td> <td style="text-align: center;">5 years</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td>Safety Officer</td> <td style="text-align: center;">2 years</td> <td style="text-align: center;">1 years</td> </tr> <tr> <td>General foreman</td> <td style="text-align: center;">3 years</td> <td style="text-align: center;">2 years</td> </tr> <tr> <td>Skilled Mason</td> <td style="text-align: center;">2 years</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>Skilled Carpenters</td> <td style="text-align: center;">2 years</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>Skilled welders</td> <td style="text-align: center;">2 years</td> <td style="text-align: center;">1 year (as needed)</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Project Engineer	5 years	3 years	Safety Officer	2 years	1 years	General foreman	3 years	2 years	Skilled Mason	2 years	1 year	Skilled Carpenters	2 years	1 year	Skilled welders	2 years	1 year (as needed)
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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: <u>LOT I:</u> <ol style="list-style-type: none"> a. The amount of not less than <u>Php296,507.89</u> [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 <u>Php 741,269.72</u> [five percent (5%) of ABC] if bid security is in Surety Bond. 																					

	<p>LOT 2:</p> <p>a. The amount of not less than <u>Php 336,346.64</u> [two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than <u>Php 840,866.60</u> [five percent (5%) of ABC] if bid security is in Surety Bond.</p>
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 2 lots and each lot shall not be divided into sub-lots for the purpose of bidding, evaluation and contract award.
20	
21	<p>Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity:</p> <ul style="list-style-type: none"> 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	<i>The Intended completion date per lot is 180 calendar days</i>
4.1	<i>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.</i>
6	<i>The site investigation reports are: none</i>
7.2	<p><i>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.</i></p> <p><i>In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures: Two (2) years.</i></p>
10	<p><i>Dayworks:</i></p> <p style="padding-left: 40px;"><i>a. No dayworks are applicable to the contract.</i></p>
11.1	<i>The Contractor shall submit the Program of Work to the Procuring Entity's Representative within 15 days of delivery of the Notice of Award.</i>
11.2	<i>The amount to be withheld for late submission of an updated Program of Work is 1% of Contract Amount.</i>
13	<i>The amount of the advance payment is 15% of the Contract amount</i>
14	<i>Materials and equipment delivered on the site but not completely put in place shall be included for payment.</i>
15.1	<p><i>The date by which operating and maintenance manuals are required is 15 days upon issuance of the COC</i></p> <p><i>The date by which "as built" drawings are required is within 15 days upon issuance of Certificate of Completion.</i></p>
15.2	<i>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.</i>

Section VI. Specifications

Section VII. Drawings

(See Annex A for the Drawings)

**LOT 1 – BUCAY CENTRAL SCHOOL; DOLORES CENTRAL
SCHOOL; LUBA CENTRAL SCHOOL**

LOT 2 – BOKOD CENTRAL SCHOOL

Section VIII. Bill of Quantities

**LOT 1 – BUCAY CENTRAL SCHOOL; DOLORES CENTRAL
SCHOOL; LUBA CENTRAL SCHOOL**



LOT 1 - BUCAY CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

PROGRAM OF WORKS

School: BUCAY CENTRAL SCHOOL	Date:								
School ID: 134989	Budget Allocation:								
Region: CAR	Engineering & Administrative Overhead:								
Division: ABRA	Approved Budget for Contract:								
Project Title: REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING	Completion Period: 120 calendar days								
	Minimum Required Manpower:								
	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">General Foreman</td> <td style="width: 33%;">Electrician</td> <td style="width: 33%;">Painter</td> </tr> <tr> <td>Carpenter</td> <td>Welder</td> <td>Helper</td> </tr> <tr> <td>Mason</td> <td>Tinsmith</td> <td></td> </tr> </table>	General Foreman	Electrician	Painter	Carpenter	Welder	Helper	Mason	Tinsmith
General Foreman	Electrician	Painter							
Carpenter	Welder	Helper							
Mason	Tinsmith								
Location: BUCAY, ABRA	Minimum Required Equipment:								
	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">One Bagger Mixer</td> <td style="width: 33%;">Welding Machine</td> <td style="width: 33%;">Hand Tools</td> </tr> <tr> <td>Bar Cutter</td> <td>Concrete Vibrator</td> <td></td> </tr> </table>	One Bagger Mixer	Welding Machine	Hand Tools	Bar Cutter	Concrete Vibrator			
One Bagger Mixer	Welding Machine	Hand Tools							
Bar Cutter	Concrete Vibrator								

Item No.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	General Requirements		lot	1.00		
	Earthworks		sq.m	336.00		
	Concreting Works		cu.m	13.68		
	Rebar Works		kg.	612.47		
	Form Works		sq.m	60.79		
	Doors and Windows		set	11.00		
	Roofing Works		sq.m	606.74		
	Carpentry Works		lot	1.00		
	Electrical Works		lot	1.00		
	Painting Works		sq.m	2,644.26		
	Tile Works		sq.m	41.65		
	Sub-Total					
	II. INDIRECT COST 22% of (I)					
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	Sub-Total					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					



LOT 1 - BUCAY CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING
 SCHOOL : BUCAY CENTRAL SCHOOL
 LOCATION : BUCAY, ABRA
 OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization / Standard Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling	lot	1.00					
	Sub-total							
1.00	Earthworks							
1.05	Soil Poisoning	sq.m	336.00					
1.03	Excavation	cu.m	16.00					
1.06	Backfilling	cu.m	12.00					
1.04	Gravel Bedding G-1	cu.m	16.80					
	Sub-total							
2.00	Concreting Works							
	Column footing	cu.m	7.68					
2.01	Portland Cement	bag	70.00					
2.02	Crushed Gravel 3/4"	cu.m	7.75					
2.03	Washed Sand	cu.m	4.00					
	Column Pedestal	cu.m	6.00					
2.01	Portland Cement	bag	54.00					
2.02	Crushed Gravel 3/4"	cu.m	6.00					
2.03	Washed Sand	cu.m	3.00					
	Sub-total							
3.00	Rebar Works							
	Footing	kg	397.91					
	Column Pedestal	kg	214.56					
3.01	Deformed Round Bars, Grade 40	kg	612.47					
3.02	G.I. Tie Wire	kg	12.00					
	Sub-total							
4.00	Formworks							
	Column Pedestal	sq.m	60.79					
4.01	Coco Lumber	bd.ft	310.20					
4.03	Plywood Ordinary, 1/2" x 4' x 8'	pc	11.00					
4.04	CWN, Assorted	kg	5.00					
	Sub-total							
6.00	Doors and Windows							
6.02	Removal of Window with Jamb	sq.m	49.34					
6.60	D-1, Double Leaf Panel Door 2.0m x 2.40m on 50mm x 150mm Wooden Jamb complete with Accessories	set	2.00					
6.60	D-2, Single Leaf Panel Door 1.0m x 2.40m on 50mm x 150mm Wooden Jamb complete with Accessories	set	2.00					
6.36	W-1, Wooden Window 2.8m x 3.0m Capiz Type window with fixed transom on solid wood jambs complete with Accessories	set	6.00					
6.37	W-2, Wooden Window 3.8m x 3.0m Capiz Type window on solid wood jambs complete with Accessories	set	4.00					
	Sub-total							
8.00	Roofing Works							
8.01	Removal of Roofing Sheets	sq.m	606.74					
8.16	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	m	606.74					
8.18	Ridge Roll, Pre-Painted, Ordinary, 0.915m x 2.440m x 0.4mm thk	pc	18.00					
8.35	Teckcrew 2-1/2"	pc	4,854.00					
8.36	Roof Sealant	L	4.00					
	Sub-total							



LOT 1 - BUCAY CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING
 SCHOOL : BUCAY CENTRAL SCHOOL
 LOCATION : BUCAY, ABRA
 OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
9.00	Carpentry Works							
	<i>Wooden Truss</i>							
	Refurbishment of Roofing Frames	lot	1.00					
	Common Wire Nails	kg	50.00					
	Wood Preservative, Brown	L	30.00					
	<i>T&G Ceiling</i>		265.24					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,159.00					
9.27	T&G 3/4" x 6"	ft	5,799.91					
9.22	Finishing Nails	kg	29.00					
9.23	Common Wire Nails	kg	21.00					
9.42	Wood Preservative, Brown	L	4.00					
	<i>T&G Flooring</i>		126.00					
9.26	T&G 3/4" x 4"	ft	4,132.80					
9.22	Finishing Nails	kg	21.00					
9.42	Wood Preservative, Brown	L	2.00					
	<i>Wooden Partition and Exterior Walls</i>	<i>sq.m</i>	204.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	891.00					
9.26	T&G 3/4" x 4"	ft	6,691.20					
9.22	Finishing Nails	kg	34.00					
9.23	Common Wire Nails	kg	17.00					
9.42	Wood Preservative, Brown	L	6.00					
	<i>Floor Joist</i>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	526.00					
9.23	Common Wire Nails	kg	10.00					
9.42	Wood Preservative, Brown	L	2.00					
	<i>Balluster</i>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	221.50					
9.23	Common Wire Nails	kg	4.00					
	<i>Blackboards(4)</i>		11.52					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	73.00					
9.43	Lawanit, 1/4" thk	pc	8.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	2.00					
9.16	Fascia Board, Wooden	bd.ft	1,814.76					
	<i>Screen Replacement</i>							
	Aluminum 18x16 wire mesh screen with frame	roll	16.00					
	1"x2" Wood Chicken Wiremesh Holder	bd.ft	315.00					
	<i>Sub-total</i>							
10.00	Electrical Works							
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	288.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	44.00					
10.17	Utility Box, 2" x 4" G.I.	pc	28.00					
	<i>Wires & Fixtures</i>							
10.11	3.5 mm2 THW Wire, Stranded	m	3,456.00					
10.12	5.5 mm2 THW Wire, Stranded	m	85.00					
10.28	Duplex C.O. with Plate	pc	16.00					
10.25	3-Gang Switch with Plate	pc	4.00					
10.23	Single Switch with Plate	pc	2.00					
	2-80w PL Equivalent to 240w light on 300mm dia. Reflectorized bowl-type housing (with Bracket and Holder)	set	18.00					
	1-80w PL Equivalent to 240w light on 300mm dia. Reflectorized bowl-type housing (with Bracket and Holder)	set	4.00					
10.49	Panel Box, Flush Type, 8 Branches	set	1.00					
10.45	Safety Switch 100A 2P	set	1.00					



LOT 1 - BUCAY CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : **REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING**
 SCHOOL : **BUCAY CENTRAL SCHOOL**
 LOCATION : **BUCAY, ABRA**
 OWNER : **DEPARTMENT OF EDUCATION**

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.38	Circuit Breaker, 20A 2P	set	8.00					
	Ceiling Fan	unit	6.00					
10.58	Electrical Tape	pc	15.00					
	Sub-total							
13.00	Painting Works							
	Concrete surfaces	sq.m	1,164.80					
13.18	Neutralizer	gal	9.00					
13.01	Latex, Flat	gal	47.00					
13.14	Masonry Putty	gal	52.00					
13.02	Latex, Semi Gloss	gal	47.00					
13.20	Acri Color	qrt	12.00					
	Wood surfaces	sq.m	576.00					
	Resanding of T&G Ceiling	sq.m	576.00					
13.04	Enamel, Flatwall	gal	29.00					
13.15	Glazing Putty	gal	29.00					
13.05	Enamel, Semi Gloss	gal	29.00					
13.16	Paint Thinner	gal	15.00					
	Flooring	sq.m	903.46					
13.32	Wood Bleach #1	L	46.00					
13.33	Wood Bleach #2	L	46.00					
13.31	Valspar	gal	46.00					
13.22	Sanding Sealer	gal	46.00					
13.35	Polytuff	qrt	15.00					
13.43	Sand Paper #100	m	15.00					
13.44	Sand Paper #80	m	15.00					
	Sub-total							
14.00	Tile Works							
	Floor Area	sq.m	9.25					
	Wall Area	sq.m	32.40					
14.01	Unglazed Floor Tiles 40cm x 40cm	pc	58.00					
14.04	Glazed Wall Tiles 40cm x 40cm	pc	203.00					
14.15	Tile Grout 5kg/bag	bag	6.00					
14.16	Tile Adhesive 25 kg/bag	bag	5.00					
	Sub-total							
I	DIRECT COST							
II	INDIRECT COST (22% of I)							
III	TAX 5% of (I+II)							
IV	TOTAL CONSTRUCTION COST (I+II+III+IV)							



LOT 1 - DOLORES CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

PROGRAM OF WORKS

School: DOLORES CENTRAL SCHOOL				Date:		
School ID: 135017				Budget Allocation:		
Region: CAR				Engineering & Administrative Overhead:		
Division: ABRA				Approved Budget for Contract:		
Project Title: REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING				Completion Period: 180 calendar days		
				Minimum Required Manpower:		
				General Foreman	Electrician	Painter
				Carpenter	Welder	Helper
				Mason	Tinsmith	
Location: DOLORES, ABRA				Minimum Required Equipment:		
				One Bagger Mixer	Welding Machine	Hand Tools
				Bar Cutter	Concrete Vibrator	
Item No.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	General Requirements		lot	1.00		
1	Earthworks		sq.m	360.00		
2	Concreting Works		cu.m.	19.24		
3	Rebar Works		kg.	863.70		
4	Form Works		sq.m	60.79		
5	Doors and Windows		set	11.00		
6	Roofing Works		sq.m	943.82		
7	Carpentry Works		lot	1.00		
8	Electrical Works		lot	1.00		
9	Painting Works		sq.m	3,224.52		
10	Tile Works		sq.m	22.47		
	Sub-Total					
	II. INDIRECT COST 22% of (I)					
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	Sub-Total					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					



LOT 1 - DOLORES CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING
 SCHOOL : DOLORES CENTRAL SCHOOL
 LOCATION : DOLORES, ABRA
 OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization / Standard Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling	lot	1.00					
	Sub-total							
1.00	Earthworks							
1.05	Soil Poisoning	sq.m	360.00					
	Sub-total							
2.00	Concreting Works							
	Column footing	cu.m	12.24					
2.01	Portland Cement	bag	111.00					
2.02	Crushed Gravel 3/4"	cu.m	12.25					
2.03	Washed Sand	cu.m	6.25					
	Column Pedestal(Jacketing)	cu.m	7.00					
2.01	Portland Cement	bag	63.00					
2.02	Crushed Gravel 3/4"	cu.m	7.00					
2.03	Washed Sand	cu.m	3.50					
	Sub-total							
3.00	Rebar Works							
	Footing	kg	477.49					
	Column Pedestal	kg	386.21					
3.01	Deformed Round Bars, Grade 40	kg	863.70					
3.02	G.I. Tie Wire	kg	12.00					
	Sub-total							
4.00	Formworks							
	Column Pedestal	sq.m	60.79					
4.01	Coco Lumber	bd.ft	310.20					
4.03	Plywood Ordinary, 1/2" x 4' x 8'	pc	11.00					
4.04	CWN, Assorted	kg	5.00					
	Sub-total							
6.00	Doors and Windows							
6.60	Refurbishment of Existing Doors and Windows	lot	1.00					
	Sub-total							
8.00	Roofing Works							
8.01	Removal of Roofing Sheets	sq.m	840.00					
8.16	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	m	943.82					
8.18	Ridge Roll, Pre-Painted, Ordinary, 0.915m x 2.440m x 0.4mm thk	pc	18.00					
8.35	Teckscrew 2-1/2"	pc	7,551.00					
8.36	Roof Sealant	L	9.00					
	Sub-total							
9.00	Carpentry Works							
	Movable Partition	sq.m	44.00					
	Wooden Truss							
	Refurbishment of Roofing Frames	lot	1.00					
	Common Wire Nails	kg	75.00					
	Wood Preservative, Brown	L	32.00					



LOT 1 - DOLORES CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING
 SCHOOL : DOLORES CENTRAL SCHOOL
 LOCATION : DOLORES, ABRA
 OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	T&G Ceiling		285.42					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	3,067.62					
9.27	T&G 3/4" x 6"	ft	6,831.05					
9.22	Finishing Nails	kg	35.00					
9.23	Common Wire Nails	kg	56.00					
9.42	Wood Preservative, Brown	L	4.00					
	T&G Flooring		132.65					
9.26	T&G 3/4" x 4"	ft	7,534.52					
9.22	Finishing Nails	kg	38.00					
9.42	Wood Preservative, Brown	L	2.00					
	Floor Joist							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	992.57					
9.23	Common Wire Nails	kg	18.00					
9.42	Wood Preservative, Brown	L	2.00					
	Balluster							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	591.56					
9.23	Common Wire Nails	kg	11.00					
	Blackboards(4)		11.52					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	73.00					
9.43	Lawanit, 1/4" thk	pc	8.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	2.00					
9.16	Fascia Board, Wooden	bd.ft	398.60					
	Screen Replacement							
	Aluminum 18x16 wire mesh screen with frame	roll	16.00					
	1"x2" Wood Chicken Wiremesh Holder	bd.ft	315.00					
	Sub-total							
10.00	Electrical Works							
	Roughing-ins							
10.01	Electrical Conduit uPVC, 15mmØ	pc	480.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	48.00					
10.17	Utility Box, 2" x 4" G.I.	pc	35.00					
	Wires & Fixtures							
10.11	3.5 mm ² THW Wire, Stranded	m	6,912.00					
10.12	5.5 mm ² THW Wire, Stranded	m	62.00					
10.28	Duplex C.O. with Plate	pc	16.00					
10.25	3-Gang Switch with Plate	pc	4.00					
10.23	Single Switch with Plate	pc	2.00					
	dia. Reflectorized bowl-type housing (with	set	18.00					
	dia. Reflectorized bowl-type housing (with	set	4.00					
10.49	Panel Box, Flush Type, 8 Branches	set	1.00					
10.45	Safety Switch 100A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	8.00					
	Ceiling Fan	unit	200.00					



LOT 1 - DOLORES CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : REHABILITATION OF 4 CLASSROOMS GABALDON BUILDING
 SCHOOL : DOLORES CENTRAL SCHOOL
 LOCATION : DOLORES, ABRA
 OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.58	Electrical Tape	pc	15.00					
	Sub-total							
13.00	Painting Works							
	Concrete surfaces	sq.m	1,537.54					
13.18	Neutralizer	gal	9.00					
13.01	Latex, Flat	gal	62.00					
13.14	Masonry Putty	gal	67.00					
13.02	Latex, Semi Gloss	gal	62.00					
13.20	Acri Color	qrt	16.00					
	Wood surfaces	sq.m	648.00					
	Resanding of T&G Ceiling	sq.m	648.00					
13.04	Enamel, Flatwall	gal	33.00					
13.15	Glazing Putty	gal	33.00					
13.05	Enamel, Semi Gloss	gal	33.00					
13.16	Paint Thinner	gal	17.00					
	Flooring	sq.m	1,038.98					
13.32	Wood Bleach #1	L	52.00					
13.33	Wood Bleach #2	L	52.00					
13.31	Valspar	gal	52.00					
13.22	Sanding Sealer	gal	52.00					
13.35	Polytuff	qrt	15.00					
13.43	Sand Paper #100	m	15.00					
13.44	Sand Paper #80	m	15.00					
	Sub-total							
14.00	Tile Works							
	Floor Area	sq.m	3.63					
	Wall Area(Include Lavatory)	sq.m	18.84					
14.01	Unglazed Floor Tiles 40cm x 40cm	pc	23.00					
14.04	Glazed Wall Tiles 40cm x 40cm	pc	118.00					
14.15	Tile Grout 5kg/bag	bag	5.00					
14.16	Tile Adhesive 25 kg/bag	bag	4.00					
	Sub-total							
I	DIRECT COST							
II	INDIRECT COST (22% of I)							
III	TAX 5% of (I+II)							
IV	TOTAL CONSTRUCTION COST (I+II+III+IV)							



LOT 1 - LUBA CS

Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

PROGRAM OF WORKS

School : LUBA CS			Date:			
School I.D : 135103			Budget Allocation:			
Region : CAR			Engineering and Administrative Overhead			
Division : ABRA			Approved Budget for the Contract:			
Project Title : : PROPOSED REPAIR OF 2 CL GABALDON SCHOOL BUILDING			Completion Period: 180 calendar days			
			Minimum Required Manpower:			
			General Foreman	Welder	Carpenter	
Location : : LUBA, ABRA			Helper	Mason	Painter	
			Minimum Required Equipment:			
			Hand Tools	Welding Machine		
			One-Bagger Mixer	Bar Cutter		
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	GENERAL REQUIREMENTS		lot	1.00		
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors and Windows		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Ceiling and Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		lot	1.00		
	Sub-Total					
	II. INDIRECT COST 22% of (I)					
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	Sub-Total					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					

LOT 1 - LUBA CS



Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : PROPOSED REPAIR OF 2 CL GABALDON SCHOOL BUILDING
 SCHOOL : LUBA CS
 LOCATION : LUBA, ABRA
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Other Permit Fee	lot	1.00					
	Hauling cost	lot	1.00					
	Sub-total							
1.0000	Earthworks							
1.0700	Demolition Works	lot	1.00					
	Sub-total							
2.0000	Concreting Works							
	Column Footing	cu.m	3.65					
2.0200	Portland Cement	bag	33.00					
2.0400	Crushed Gravel 1"	cu.m	3.65					
2.0500	Washed Sand	cu.m	1.82					
	Concrete Stair	cu.m	8.80					
2.0200	Portland Cement	bag	80.00					
2.0300	Crushed Gravel 3/4"	cu.m	8.80					
2.0500	Washed Sand	cu.m	4.40					
	Column Pedestal	cu.m	4.60					
2.0200	Portland Cement	bag	42.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.60					
2.0500	Washed Sand	cu.m	2.30					
	Sub-total							
3.0000	Rebar Works							
	Column Footing	kg	339.82					
	Concrete Stair	kg	468.42					
	Column Pedestal	kg	416.30					
3.0500	Deformed Round Bars, Grade 40	kg	1,224.55					
3.1200	G.I. Tie Wire	kg	48.98					
	Sub-total							
4.0000	Formworks							
	Formworks	sq.m	94.00					
4.0100	Coco Lumber	bd.ft	480.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	19.00					
4.0400	CWN, Assorted	kg	9.00					
	Sub-total							
	Scaffolding							
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	840.00					
4.0400	CWN, Assorted	kg	28.00					
	Sub-total							
5.0000	Masonry Works							
	Plastering	sq.m	145.00					
2.0200	Portland Cement	bag	48.00					
2.0500	Washed Sand	cu.m	5.00					
	Sub-total							
6.0000	Doors and Windows							
6.6000	D-1, Double Leaf Panel Door 2.4m x 2.40m on 50mm x 150mm Wooden Jamb complete with Accessories	set	1.00					
6.6000	D-2, Single Leaf Panel Door 0.60m x 2.40m on 50mm x 150mm Wooden Jamb complete with Accessories	set	3.00					
6.7000	D-3, Single Leaf Panel Door 0.60m x 2.10m on 50mm x 150mm Wooden Jamb complete with Accessories	set	1.00					

LOT 1 - LUBA CS



Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : PROPOSED REPAIR OF 2 CL GABALDON SCHOOL BUILDING
 SCHOOL : LUBA CS
 LOCATION : LUBA, ABRA
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
6.8000	D-4, Single Leaf Panel Door 0.80m x 2.40m on 50mm x 150mm Wooden Jamb complete with Accessories	set	1.00					
6.3600	W-1, Wooden Window 1.30 m x 1.50m Capiz Type window with fixed transom on solid wood jambs complete with Accessories	set	4.00					
6.3700	W-2, Wooden Window 0.60 m x 1.20 m Capiz Type window on solid wood jambs complete with Accessories	set	2.00					
6.3800	W-3, Wooden Window 0.90 m x 1.50m Capiz Type window on solid wood jambs complete with Accessories	set	1.00					
6.3900	W-4, Wooden Window 1.0 m x 1.50 m Capiz Type window on solid wood jambs complete with Accessories	set	1.00					
6.4000	W-5, Wooden Window 1.6 m x 1.5 m Capiz Type window on solid wood jambs complete with Accessories	set	1.00					
	Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	352.00					
8.0700	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	14.00					
8.1000	Teckscrew 2-1/2"	pc	2,816.00					
8.1300	Roof Sealant	L	15.00					
	Sub-total							
9.0000	Ceiling and Carpentry Works							
	<i>Replacement for Wooden Truss</i>							
	2"x6" Hardwood Purlins	bd.ft.	680.00					
	2"x3" Hardwood Purlins	bd.ft.	720.00					
	2"x8" Hardwood Truss Chord Member	bd.ft.	684.00					
	Common Wire Nails	kg	50.00					
	Wood Preservative, Brown	L	30.00					
	<i>T&G Ceiling</i>							
9.1300	Rough Lumber, Sun Dried, Tanguile	bd.ft.	1,352.00					
9.2700	T&G 3/4" x 6"	ft	6,435.00					
9.2200	Finishing Nails	kg	42.00					
9.2300	Common Wire Nails	kg	28.00					
9.4200	Wood Preservative, Brown	L	12.00					
	<i>T&G Flooring</i>							
9.2600	T&G 3/4" x 4"	ft	4,428.00					
9.2200	Finishing Nails	kg	23.00					
9.4200	Wood Preservative, Brown	L	8.00					
	<i>Wooden Partition and Exterior Walls</i>							
9.1300	Rough Lumber, Sun Dried, Tanguile	bd.ft.	891.00					
9.2600	T&G 3/4" x 4"	ft	6,615.00					
9.2200	Finishing Nails	kg	44.00					
9.2300	Common Wire Nails	kg	23.00					
9.4200	Wood Preservative, Brown	L	16.00					
	<i>Floor Joist</i>							
9.1300	Rough Lumber, Sun Dried, Tanguile	bd.ft.	1,721.00					
9.2300	Common Wire Nails	kg	30.00					
9.4200	Wood Preservative, Brown	L	6.00					
	<i>Balluster</i>							
9.1300	Rough Lumber, Sun Dried, Tanguile	bd.ft.	624.00					
9.2300	Common Wire Nails	kg	8.00					
	Sub-total							

LOT 1 - LUBA CS



Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangel, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT : PROPOSED REPAIR OF 2 CL GABALDON SCHOOL BUILDING
 SCHOOL : LUBA CS
 LOCATION : LUBA, ABRA
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.0000	Electrical Works							
	Roughing-ins							
10.0200	Electrical Conduit uPVC, 20mmØ	pc	80.00					
10.0500	RSC 25mmØ	pc	10.00					
10.0900	Entrance Cap 25mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	16.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	10.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Sub-total							
	Wires & Fixtures							
10.1600	3.5 mm ² THHN Wire, Stranded	m	720.00					
10.1700	5.5 mm ² THHN Wire, Stranded	m	36.00					
10.2800	Duplex Convenience Outlet, Grounding Type, 20A, 250V (WP)	set	4.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	5.00					
	2-80w PL Equivalent to 240w light on 300mm dia. Reflectorized bowl-type housing (with Bracket and Holder)	set	8.00					
	1-80w PL Equivalent to 240w light on 300mm dia. Reflectorized bowl-type housing (with Bracket and Holder)	set	4.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4300	Circuit Breaker, 40A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	2.00					
10.5400	Wall Fan, 60W, 230V, 60Hz	set	4.00					
10.5500	Electrical Tape	pc	8.00					
	Sub-total							
11.0000	Plumbing Works							
11.5000	Repair of Plumbing System	lot	1.00					
	Sub-total							
13.0000	Painting Works							
	<i>Concrete surfaces</i>	sq.m	345.00					
13.0100	Neutralizer	gal	6.00					
13.0200	Latex, Flat	gal	23.00					
13.0300	Masonry Putty	gal	10.00					
13.0400	Latex, Semi Gloss	gal	23.00					
13.0500	Acrl Color	qrt	6.00					
	<i>Wood surfaces</i>	sq.m	589.30					
13.0600	Enamel, Flatwall	gal	40.00					
13.0700	Glazing Putty	gal	40.00					
13.0800	Enamel, Semi Gloss	gal	40.00					
13.0900	Paint Thinner	gal	30.00					
	Sub-total							
13.3200	Wood Bleach #1	L	46.00					
13.3300	Wood Bleach #2	L	46.00					
13.3100	Valspar	gal	46.00					
13.2200	Sanding Sealer	gal	46.00					
13.3500	Polytuff	qrt	15.00					
13.4300	Sand Paper #100	m	15.00					
13.4400	Sand Paper #80	m	15.00					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 6% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

LOT 2 – BOKOD CENTRAL SCHOOL

LOT 2 – BOKOD CENTRAL SCHOOL



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, 2018		
School ID:	135435		Budget Allocation:	#REF!		
Region:	CAR		Engineering & Administrative Overhead			
Division:	BENGUET		Approved Budget for Contract:	#REF!		
Project Title:	RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WITH TWO (2) OFFICES		Completion Period:	180 calendar days		
Plan:			Minimum Required Manpower:			
Location:	BOKOD, BENGUET		General Foreman	Mason	Painter	
			Steelman	Tinsmith	Tile Setter	
			Carpenter	Electrician	Safety Officer	
			Minimum Required Equipment:			
			1-Bagger Concrete mixer	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
I. Direct Cost						
GABALDON BUILDING						
GENERAL REQUIREMENTS						
	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 (l=38.8, ht= 2.5, Thk Top=0.6m, thk bottom=1		lot	1.00		
COMFORT ROOM- 4 SEATER						
	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)						
	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 Req)						
	Overhead Expenses (___%)					
	Contingencies (___%)					
	Miscellaneous (___%)					
	Contractor's Profit (___%)					
Sub-Total						
III. TAX ___% of (II+I)						
Sub-Total						
IV. TOTAL CONSTRUCTION COST (I+II+III)						

Prepared by:



Republic of the Philippines
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

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
A.	GENERAL REQUIREMENTS							
	Mobilization/Utilities and Services/Demobilization / Standard Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Transportation & Hauling cost	lot	1.00					
	Rental of Scaffoldings	lot	1.00					
	Sub-total							
1.00	Earthworks							
	Cleaning 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 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	65.78					
	New 2 Ramp (slab @ 0.20m thk)	cu.m	15.00					
	New Canal (.10m thk @ sides & base, w=0.5, H=0.5, l=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					
	Sub-total							
3.00	Rebar Works							
	New Footing- 13 Units (1.2 x 1.2m)							
	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, H=0.5, l=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					
	Retrofitted Pedestal	sq.m	181.50					
	New Concrete Beam	sq.m	168.00					
	New Concrete Canal	sq.m	264.00					
4.01	Coco Lumber	bd.ft	2,885.00					



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Wangal, La Trinidad, Benguet

DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WITH TWO (2) OFFICES
DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
4.03	Plywood Ordinary, 1/2" x 4' x 8'	pc	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	100.90					
	D-1, Panel Door 1.0m x 2.10m on std. 150mm yakal or gujo 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							
7.00	Steel Works							
	Steel railings of steps at front (1m ht)							
7.45	G.I. Pipe 2"Ø Sch.40	pc	2.00					
7.44	G.I. Pipe 1"Ø Sch.40	pc	8.00					
	100mm x 100mm x 4mm base plate	pc	12.00					
	Anchor Bolt	pc	48.00					
7.46	Welding Rod	kg	5.00					
	4" Grinding disk	pc	5.00					
13.11	Primer, Epoxy	gal	2.00					
13.06	Enamel, Quick Dry (Palmera Green)	gal	2.00					
	Tubular Steel railings of corridor							
7.28	Tubular 50mm x 150mm x 2.0mm	pc	3.00					
7.29	Tubular 50mm x 100mm x 1.5mm	pc	10.00					
7.46	Welding Rod	kg	10.00					
	4" Grinding disk	pc	10.00					
13.11	Primer, Epoxy	gal	3.00					
13.06	Enamel, Quick Dry (Palmera Green)	gal	3.00					
	Railings @ 2 Flange							
	2" Dia. Stainless Steel Pipe	pc	8.00					
	1 1/2" Dia. Stainless Steel Pipe	pc	16.00					
	100mm x 100mm x 4mm base plate	pc	36.00					
	Anchor Bolt	pc	144.00					
	4" Grinding disk	pc	5.00					
7.46	Welding Rod	kg	5.00					
	Screen	sq.m	43.00					
	L 50 x 50 x 6mm thk (as frame)	kg	1,204.00					
	2" x 2" x 1/4" Steel Square Matting	pcs	16.00					
	d10 mm RSB- G40	kg	152.00					
7.46	Welding Rod	kg	5.00					
	Others							
	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 (12mm Square bar on 2" x 2" x 1/4" angle Bar Frame, l=160m)	lm	160.00					
	Sub-total							



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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

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
8.00	Roofing Works							
8.01	Removal of Roofing Sheets	lm	790.00					
8.02	Removal of Ridge Roll	pc	38.00					
8.03	Removal of Flashing	pc	12.00					
8.04	Removal of Gutter	pc	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	pc	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	4.00					
8.35	Teckscrew 2-1/2"	pc	8,308.00					
8.36	Roof Sealant	L	40.00					
	Sub-total							
9.00	Carpentry Works							
	Dismantling Works							
9.34	Removal of Wooden Truss	bd.ft	2,095.73					
9.34a	Removal of Purlins	bd.ft	473.00					
9.34a	Removal of Wall Studs	bd.ft	1,056.00					
9.34c	Removal of Floor Joists, Beams & Girders	bd.ft	10,037.05					
9.34d	Removal of Ceiling Joists, Beams, Girders & Fascia	bd.ft	2,846.00					
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.	362.00					
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.	38.00					
	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					
9.42	Wood Preservative, Brown	L	5.00					
	NEW Interior Ceiling Replacements includes ceiling @ Corridor	sq.m.	517.00					
9.26	T&G 3/4" x 4"	Lft	18,635.00					
9.13	2"x2" Rough lumber Hardwood (as Ceiling Joists)	bd.ft.	2,337.00					
9.23	Common Wire Nails	kg	43.00					
9.22	Finishing Nails	kg	91.00					
9.42	Wood Preservative, Brown	L	65.00					
	NEW Exterior Ceiling	sq.m.	71.00					
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	26.00					
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					
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	82.00					
9.13	2"x2" Rough lumber Hardwood (wall studs)	bd.ft.	1,056.00					
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.	129.00					
9.08	Plywood, Marine 3/4" x 4' x 8'	pcs	48.00					
9.13	2"x3" Rough lumber Hardwood (wall studs)	bd.ft.	644.00					
9.23	Common Wire Nails	kg	12.00					
9.22	Finishing Nails	kg	3.00					
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					
	T&G 3/4" x 4" (@ corridor)	Lft	203.30					
9.23	Common Wire Nails	kg	20.00					
9.22	Finishing Nails	kg	39.00					
9.42	Wood Preservative, Brown	L	42.00					



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DETAILED ESTIMATE

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DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Other Wood Replacement (100%)							
	Truss Members, 4" x 8" (Top Chords)	bd.ft	790.20					
	Truss Members, 2-2" x 8" (Bottom Chords)	bd.ft	761.76					
	Truss Members, 4" x 4" (Web Members, King Posts)	bd.ft	634.78					
	Wooden Roof Beam, 2-2" x 8" (PERIMETER BEAM)	bd.ft	966.63					
	Wooden Posts-44 sets, 8" x 8"	bd.ft.	848.00					
	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"	i.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	pc	16.00					
	Decorative lattice work on corridor	lot	1.00					
	Octagonal Gable Vent	set	2.00					
	Connectors for trusses, columns etc (Bolts, Steel Plates, Angle Bars, etc)	lot	1.00					
	Blackboards (Lines not included)	sq.m	36.00					
9.18	S4S Lumber, Kiln Dried, Tanguile	bd.ft	224.83					
9.20	Lawanit, 1/4" thick	pc	12.00					
9.21	Finishing Nails	kg	3.04					
4.04	CWN, Assorted	kg	6.08					
9.22	Concrete Nails	kg	3.04					
13.06	Enamel, Flatwall	L	3.00					
13.06	Enamel, Semi Gloss, Choco Brown	L	3.00					
13.06	Black Board Paint	gal	3.00					
13.06	Paint Thinner	L	3.00					
	Paint Brush, Assorted	pcs	6.00					
9.06	Sand Paper, Assorted	pcs	30.00					
9.06	Plywood, Marine 1/4" x 4' x 8' (as COVERING for top, bottom and sides)	pc	6.00					
	Cabinet							
	Cabinet 1 (l-3.5m, ht-2.4m)	sets	4.00					
	Cabinet 2 (l-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	qtr.	10.00					
	Valspar	gal	8.00					
	Stainless Solid Pull Handle 4"	set	264.00					
	Concealed Soft Close Hydraulic Full Overlay Hinge	set	528.00					
	Stainless Double Magnetic Catch	set	264.00					
	Sub-total							
10.00	Electrical Works							
	Roughing-ins							
10.01	Electrical Conduit uPVC, 15mmØ	pc	106.00					
	Electrical Conduit Elbow/Connector uPVC, 15mmØ	pc	318.00					
10.08	RSC 32mmØ	pc	1.00					
10.35	Entrance Cap 32mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	49.00					
10.17	Utility Box, 2" x 4" G.I.	pc	66.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fittings							
10.12	5.5 mm2 THW Wire, Stranded	m	100.00					
10.13	14 mm2 THW Wire, Stranded	m	50.00					
10.11	3.5 mm2 THW Wire, Stranded	m	1,560.00					
10.28	Duplex C.O. with Plate, universal Slot (Interior)	pc	28.00					
10.28	Weather Proof Duplex CO, universal Slot (Exterior @ Corridor)	pc	2.00					
	Single C.O. with Plate (Wall Fan Outlet)	pc	26.00					



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DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WITH TWO (2) OFFICES
DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

LD. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	3-Gang Switch with Plate with Led Indicator	pc	6.00					
	1-Gang Switch with Plate with Led Indicator	pc	15.00					
	Panel Box, Bolt-on type, 16 Branches with 60AT/125AF Main (Lugs)	set	1.00					
	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							
	Concrete surfaces (Pedestal & Beams)	sq.m	284.00					
13.18	Neutralizer	gal	15.00					
13.01	Latex, Flat	gal	12.00					
13.14	Masonry Putty	gal	12.00					
13.02	Latex, Semi Gloss	gal	24.00					
13.20	Acri Color	qrt	9.00					
	Wood surfaces	sq.m	1,819.00					
	NEW Wooden Fascia Board	sq.m	39.00					
	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	sq.m	333.00					
	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					
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	18.00					
14.02	NON SKID Floor Tiles 40cm x 40cm, dark red	pc	115.00					
14.03	Tile Adhesive 25 kg/bag	bag	4.00					
14.06	Tile Grout 5 kg/bag	bag	2.00					
2.02	Portland Cement	bag	11.00					
2.06	Washed Sand	cu.m	2.00					
	Flooring @ 2 ramps	sq.m	66.00					
14.02	Tactile , Button Type, Red, 20x20 cm	pc	1,739.00					
	Tactile , Directional, Yellow, 20x20 cm	pc	138.00					
14.03	Tile Adhesive 25 kg/bag	bag	14.00					
14.06	Tile Grout 5 kg/bag	bag	7.00					
2.02	Portland Cement	bag	45.00					
2.06	Washed Sand	cu m	5.00					
	Sub-total							



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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

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Riprap @ rear of building (≈28.8, H≈ 2.5, Thk Top=0.8m, thk bottom=1m)	cu.m	77.00					
	Boulder	cu.m	78.00					
	Cement	sq.m	200.00					
	Sand	sq.m	12.00					
	Sub-total							
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	cu.m	4.12					
1.0600	Soil Poisoning	sq.m	44.80					
	Sub-total							
2.0000	Concreting Works (3000 psi)							
	Wall Footing	cu.m	8.00					
2.0200	Portland Cement	bag	74.00					
2.0400	Crushed Gravel 1"	cu.m	6.50					
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					
	Slab on Grade	cu.m	4.13					
2.0200	Portland Cement	bag	36.00					
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							
	Wall Footing	kg	297.03					
	Column	kg	273.87					
	Beam	kg	200.41					
	Slab on Grade	kg	156.61					
	Handwashing	kg	27.92					
3.0500	Deformed Round Bars, Grade 40	kg	957.84					
3.1200	G.I. Tie Wire	kg	20.00					
	Sub-total							
4.0000	Formworks							
	Columns	sq.m	33.12					
4.0100	Coco Lumber	bd.ft	169.20					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	4.00					
4.0400	CWN, Assorted	kg	4.00					
	Beams	sq.m	8.88					
4.0100	Coco Lumber	bd.ft	44.40					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.0400	CWN, Assorted	kg	2.00					
	Handwashing	sq.m	7.28					
4.0100	Coco Lumber	bd.ft	37.20					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.0400	CWN, Assorted	kg	2.00					
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	144.27					
5.0200	CEB 6" thk	pc	1,894.00					
2.0200	Portland Cement	pc	76.95					



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DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
2.0500	Washed Sand	cu.m	8.00					
5.0400	10mm x 6m RSB	kg	381.02					
3.1200	G.I Tie Wire	kg	4.00					



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DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Plastering	sq.m	298.89					
2.0200	Portland Cement	bag	85.00					
2.0500	Washed Sand	cu.m	10.00					
	Sub-total							
6.0000	Doors and Windows							
6.0310	D-1, (0.90m x 2.10m) Steel Door (3 Hinges, palmera green finish, palmera green finish)	set	2.00					
6.0430	D-3, (0.70m x 2.10m) Steel Door (3 Hinges, palmera green finish)	set	6.00					
6.0600	W-3, 4 sets (0.60m x 0.60m) Awning Type Steel Casement Window with 1/4" thk Glass & Full Silicon Coverage	sq.m	6.00					
	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	pc	10.00					
7.3600	Welding Rod	kg	16.00					
	Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	86.00					
8.0820	Flashing Ga.26, 24"x8'	pc	16.00					
8.1000	Teckcrew 2-1/2"	pc	1,360.00					
8.1300	Roof Sealant	L	4.00					
	Sub-total							
9.0000	Carpentry Works							
	Ceiling	sq.m	74.89					
9.1700	Rough Lumber, Sun Dried, Tanguite	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'	pc	22.00					
	Sub-total							
10.0000	Electrical Works							
	Roughing-Ins							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	16.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	10.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	10.00					
	Wires & Fixtures							
	3.5 mm ² THW Wire, Stranded	m	132.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	10.00					
	Ceiling Receptacle 3-1/2"Ø	pc	10.00					
	20A, 2P, 230V Safety Breaker with ABS Enclosure	set	2.00					
10.5500	Electrical Tape	pc	2.00					
	Sub-total							
11.0000	Plumbing Works							
11.0200	Water Closet 1.6gpl with Accessories	set	8.00					
11.0100	Water Closet Flange	set	8.00					
	Lavatory - Wall Hang Type	set	2.00					
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00					
11.0410	Faucet, Lavatory, Stainless	set	2.00					
11.4410	S.S. Floor Drain 4" x 4"	set	8.00					
11.4400	S.S. Grab Rail 1-1/2"Ø	set	2.00					
	Gate Valve, 1/2"Ø	pc	2.00					
11.1100	PP-R Pipe 1/2"Ø x 4.0m	pc	18.00					
11.2200	PP-R Elbow 90° x 1/2"Ø	pc	12.00					
11.2700	PP-R Tee, 1/2"Ø	pc	12.00					
	PP-R Coupling Reducer, 1/2" x 3/4"Ø	pc	2.00					
	PP-R Adaptor Female Thread 1/2"Ø	pc	22.00					
11.4200	Teflon Tape	roll	2.00					
	Sub-total							



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DETAILED ESTIMATE

PROJECT: RESTORATION OF GABALDON BUILDING- SIX (6) CLASSROOMS WITH TWO (2) OFFICES
DIVISION : BENGUET
SCHOOL : BOKOD CENTRAL SCHOOL
LOCATION : BOKOD, BENGUET
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : APPROVED BUDGET FOR CONTRACT

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.0000	Sanitary Works							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	10.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	14.00					
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	10.00					
12.2200	PVC Sanitary Tee 2" x 2"	pc	10.00					
12.0900	PVC Sanitary Elbow 90° x 4"Ø	pc	10.00					
12.2700	PVC P-Trap 2"	pc	14.00					
12.2400	Brass Cleanout 4" x 4"	pc	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							
	Concrete surfaces	sq.m	288.48					
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	Acrl Color	qrt	6.00					
	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					
	Assorted Paint Brush/ Roller with pan	pc	10.00					
	Assorted Sand Paper	pc	20.00					
	Sub-total							
14.0000	Tile Works							
	Wall	sq.m	49.06					
14.0110	Glazed Wall Tiles 20cm x 20cm	pc	1,288.00					
14.0300	Tile Adhesive 25 kg/bag	bag	10.00					
14.0400	Tile Trim 6mm	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					
	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					
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							
1.0000	Earthworks							
1.0100	Clearing and Grubbing	sq.m	54.89					
1.0200	Structural Excavation	cu.m	5.63					
1.0300	Backfilling and Compaction	cu.m	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							
	Column Footing	cu.m	0.77					
2.0200	Portland Cement	bag	7.20					
2.0400	Crushed Gravel 1"	cu.m	0.90					
2.0500	Washed Sand	cu.m	0.50					
	Column (FC)	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						



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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

LD. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Beam on Grade	cu.m	3.74					
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							
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	284.89					
3.0500	Deformed Round Bars, Grade 40	kg	988.28					
	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	sq.m	49.80					
4.0100	Coco Lumber	bd.ft	399.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	9.00					
4.0400	CWN, Assorted	kg	6.00					
	Column (PC)	sq.m	5.94					
4.0100	Coco Lumber	bd.ft	48.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.0400	CWN, Assorted	kg	1.00					
	Beam	sq.m	12.12					
4.0100	Coco Lumber	bd.ft	97.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	3.00					
4.0400	CWN, Assorted	kg	2.00					
	R. C. Concrete Counter	sq.m	40.40					
4.0100	Coco Lumber	bd.ft	324.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	7.00					
4.0400	CWN, Assorted	kg	5.00					
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	39.80					
5.0200	CHB 6" thk	pc	548.00					
2.0200	Portland Cement	bag	32.00					
2.0500	Washed Sand	cu.m	2.00					
5.0400	10mm x 6m RSB	kg	106.50					
3.1200	G. I. Tie Wire	kg	2.00					
	Plastering	sq.m	79.80					
2.0200	Portland Cement	bag	36.00					
2.0500	Washed Sand	cu.m	2.00					
	Sub-total							



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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

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
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	pc	3.60					
	Expansion Bolt	pc	96.00					
7.1820	Mechanical Bolt A325 (16mm x 100mm)	pc	32.00					
7.3600	Welding Rod	kg	16.00					
	Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Spen Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	100.00					
8.1000	Teckscrew 2-1/2"	pc	1,904.00					
8.1300	Roof Sealant	L	8.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	32.00					
	Sub-total							
11.0000	Plumbing Works							
	Water Line							
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	64.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	28.00					
11.1400	PP-R Coupling, 1"Ø	pc	28.00					
11.2000	PP-R Elbow 90° x 1"Ø	pc	40.00					
	PP-R Cross Tee Reducer, 1" x 1/2"Ø	pc	28.00					
	PP-R Tee Reducer, 1" x 1/2"Ø	pc	8.00					
	Female Adaptor 1/2"Ø	pc	64.00					
	PP-R End Cap, 1"Ø	pc	4.00					
11.3700	Gate Valve, 1"Ø	pc	4.00					
11.4200	Teflon Tape	rol	64.00					
	Drainage Line							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	24.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	40.00					
12.1600	PVC Sanitary Wye 4" x 4"	pc	4.00					
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	24.00					
12.1800	PVC Sanitary Wye 2" x 2"	pc	8.00					
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	pc	36.00					
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	4.00					
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	80.00					
12.2200	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	can	32.00					
	Sub-total							
13.0000	Painting Works							
	Concrete surfaces							
	Neutralizer	gal	51.32					
13.0100	Neutralizer	gal	4.00					
13.0200	Latex, Flat	gal	4.00					
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					
	Sub-total							



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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

I.D. NO	DESCRIPTION	UNST	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
14.0000	Tile Works							
	Wall	sq.m	28.28					
	Granite Tiles 40cm x 40cm	pc	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	pc	16.00					
	R.C. Counter	sq.m	35.96					
	Granite Tiles 40cm x 40cm	pc	236.00					
14.0300	Tile Adhesive 25 kg/bag	bag	8.00					
14.0400	Tile Trim 6mm	pc	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:

NICHICO ANNE A. DAGDAGEN
DepEd Project Engineer

Reviewed By:

CHRISTOPHER B. HADGAN
Regional Engineer

Recommending Approval:

EDGAR H. MADLAING
Chief, ESSD

Approved:

ESTELA L. CARUÑO EdD, CESO III
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

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
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;
and
- (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical 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;
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;
or
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS);

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

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

- (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

- (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (r) Cash Flow by Quarter.

other requirement:

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

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Government Procurement Policy Board