

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

Government of the Republic of the Philippines

## **CONSTRUCTION OF SLOPE PROTECTION FOR VARIOUS SCHOOLS IN CAR (SDO BAGUIO CITY, BENGUET, IFUGAO, AND MT. PROVINCE)**

Government of the Republic of the Philippines

DepED-CAR RO CB 2024-09-022

**Sixth Edition  
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# Preface

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

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

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

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

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

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

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

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# ***Glossary of Terms, Abbreviations, and Acronyms***

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

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

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

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

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

**DTI** – Department of Trade and Industry.

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

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

**PhilGEPS** - Philippine Government Electronic Procurement System.

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.

## ***Section I. Invitation to Bid***

### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



Republic of the Philippines  
Department of Education  
Cordillera Administrative Region  
Wangal, La Trinidad, Benguet

**Invitation to Bid for the  
CONSTRUCTION OF SLOPE PROTECTION FOR VARIOUS  
SCHOOLS IN CAR (SDO BAGUIO CITY, BENGUET, IFUGAO,  
AND MT. PROVINCE)**

1. The Department of Education – Cordillera Administrative Region Regional Office (DepEd-CAR RO), through the **2024 General Appropriations Act (GAA)** intends to apply the sum of **Forty Million Two Hundred Ninety Six Thousand One Hundred Thirty Three Pesos (Php 40,296,133.00) Only** divided into the following lots:

<b>Lot No</b>	<b>Description/Items</b>	<b>ABC (Php)</b>	<b>Identification Number</b>
1	Construction of Slope protection at Tam-an Elementary School, SDO Ifugao	15,000,000.00	DepEd-CAR RO CB 2024-09-022– Lot 1
2	Construction of Slope protection at Polod Primary School, SDO Ifugao	2,296,133.00	DepEd-CAR RO CB 2024-09-022– Lot 2
3	Construction of Slope protection at Dona Nicasia Puyat Elementary School, SDO Baguio City	2,500,000.00	DepEd-CAR RO CB 2024-09-022– Lot 3
4	Construction of Slope protection at Pacday Quinio Elementary School, SDO Baguio City	500,000.00	DepEd-CAR RO CB 2024-09-022– Lot 4
5	Construction of Slope protection at Kiwas Integrated School, SDO Benguet	15,000,000.00	DepEd-CAR RO CB 2024-09-022– Lot 5
6	Construction of Slope protection at Sayapot Elementary School, SDO Mt. Province	5,000,000.00	DepEd-CAR RO CB 2024-09-022– Lot 6

being the Approved Budget for the Contract (ABC) to payments under the contract for CONSTRUCTION OF SLOPE PROTECTION FOR VARIOUS SCHOOLS IN CAR (SDO BAGUIO CITY, BENGUET, IFUGAO, AND MT. PROVINCE) with identification number **DepED-CAR RO CB 2024-09-022**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The DepEd-CAR RO now invites bids for the above Procurement Project. Completion of the Works is required as indicated in the Program of Works (POW) per lot, as follows from the receipt of Notice to Proceed:

<b>Lot</b>	<b>Calendar Days</b>
Lot 1: Construction of Slope protection at Tam-an Elementary School, SDO Ifugao	180
Lot 2: Construction of Slope protection at Polod Primary School, SDO Ifugao	120
Lot 3: Construction of Slope protection at Dona Nicasia Puyat Elementary School, SDO Baguio City	90
Lot 4: Construction of Slope protection at Pacday Quinio Elementary School, SDO Baguio City	60
Lot 5: Construction of Slope protection at Kiwas Integrated School, SDO Benguet	180
Lot 6: Construction of Slope protection at Sayapot Elementary School, SDO Mt. Province	90

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 except on holidays**.
5. A complete set of Bidding Documents may be acquired by interested bidders starting on **September 26, 2024** from the given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

<b>Lot</b>	<b>Applicable fee for the bidding documents for each lot (Php)</b>
1	9,300.00
2	1,400.00
3	1,400.00
4	500.00
5	9,300.00
6	3,100.00
<b>TOTAL</b>	<b>25,000.00</b>

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 October 3, 2024, 9:00AM at the OARD, 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/Procurement Unit through manual submission at the ***Office of the Assistant Regional Director, on or before October 16, 2024 at 9:00AM***. Late bids shall not be accepted.

**RONALD B. CASTILLO, CESO V**

*BAC Chairperson*

*Office of the Assistant Regional Director*

*DepED-CAR Regional Office*

*Wangal, La Trinidad, Benguet*

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 October 16, 2024, 9:01AM at the OARD, DepED-CAR RO, Wangal, La Trinidad, Benguet.*** Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The ***DepED-CAR Regional Office*** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.



11. For further information, please refer to:

**Atty. Edward C. Magalgalit, Jr./Randolph Flyn B. Daculog**  
BAC Chair, Secretariat/Procurement Unit  
DepED-CAR Regional Office  
Wangal, La Trinidad, Benguet  
Email address: [car.procurement@deped.gov.ph](mailto:car.procurement@deped.gov.ph)  
Tel. No. (074) 422-1318 Cp No. 09178218490/09207930509  
[depedcar.ph](http://depedcar.ph)

12. You may visit the following websites:

For downloading of Bid Documents, you may visit the following website: [www.depedcar.ph](http://www.depedcar.ph) and [www.philgeps.gov.ph](http://www.philgeps.gov.ph).

**September 25, 2024**

  
**RONALD B. CASTILLO, CESO V**  
BAC Chairperson

## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

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

## 1. Scope of Bid

The Procuring Entity, *DepEd-CAR Regional Office* invites Bids for the CONSTRUCTION OF SLOPE PROTECTION FOR VARIOUS SCHOOLS IN CAR (SDO BAGUIO CITY, BENGUET, IFUGAO, AND MT. PROVINCE), with Project Identification Number *DepEd-CAR RO CB 2024-09-022*.

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 *2024 GAA* in the amount of:

<b>Lot No</b>	<b>Description/Items</b>	<b>ABC (Php)</b>
1	Construction of Slope protection at Tam-an Elementary School, SDO Ifugao	15,000,000.00
2	Construction of Slope protection at Polod Primary School, SDO Ifugao	2,296,133.00
3	Construction of Slope protection at Dona Nicasia Puyat Elementary School, SDO Baguio City	2,500,000.00
4	Construction of Slope protection at Pacday Quinio Elementary School, SDO Baguio City	500,000.00
5	Construction of Slope protection at Kiwas Integrated School, SDO Benguet	15,000,000.00
6	Construction of Slope protection at Sayapot Elementary School, SDO Mt. Province	5,000,000.00
TOTAL ABC:		40,296,133.00.

2.2. The source of funding is:

**a. NGA, the General Appropriations Act.**

## 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 either at its physical address 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 special PCAB License in case of Joint Ventures, 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 **within 60 calendar days from the bid opening**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

**16. Sealing and Marking of Bids**

Each Bidder shall submit *one copy of the first and second components (labelled as original copy)* of its Bid.

The Procuring Entity requests *two additional copies (labelled as copy 1 and copy 2)* 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***

### **Notes on the Bid Data Sheet (BDS)**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause			
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:  <b><i>Construction/Repair/Rehabilitation of Slope Protection or Roads.</i></b>		
7.1	Subcontracting is strictly not allowed.		
<b>10.1</b>	<i>To be included in the Technical Documents is a Site Inspection Certificate signed by the <b>School Head or his/her authorized representative.</b> Site Inspection Certificate is to be accompanied by a picture of either the project engineer/owner or any <b>technical employee</b> of the firm with the <b>School Head or his/her authorized representative</b> with the <b>site</b> as background. Absence of the mentioned document shall be a ground for <b>DISQUALIFICATION</b> of the Bid.</i>		
	<b>The PCAB License shall be at least:</b>		
	<b>Lot</b>	<b>PCAB License</b>	
	1	<b>size range: Small B, license category: C &amp; D.</b>	
	2	<b>size range: Small B, license category: C &amp; D.</b>	
	3	<b>size range: Small B, license category: C &amp; D.</b>	
	4	<b>size range: Small A, license category: Trade/E.</b>	
	5	<b>size range: Small B, license category: C &amp; D.</b>	
	6	<b>size range: Small B, license category: C &amp; D.</b>	
10.3	In case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project.		
10.4	The key personnel must meet the required minimum years of experience set below:		
	<b>Lot 1: TAM-AN ELEMENTARY SCHOOL</b>		
	<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>
	Site/Construction Supervisor (Architect, Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works
	Skilled Workers (Mason, Steelman)	10	Full time
	Safety Officer	1	Full time
			Duly licensed to practice their respective professions, with at least three (3) years-experience in their fields of specialization
			Retaining Wall/Cribwall/Riprap Steelworks Painters (Fence),
			Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited

			Training Agencies or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Laborers	10	Full time	Of Legal Age, at least 18 years old.

**Lot 2: POLOD PRIMARY SCHOOL**

<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>	<b>Work Experience</b>
Site/Construction Supervisor (Architect, Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works	Duly licensed to practice their respective professions, with at least three (3) years-experience in their fields of specialization
Skilled Workers (Mason, Steelman)	8	Full time	Retaining Wall/Cribwall/Riprap Steelworks Painters (Fence),
Safety Officer	1	Full time	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Laborers	10	Full time	Of Legal Age, at least 18 years old.

**Lot 3: DOÑA NICASIA PUYAT ELEMENTARY SCHOOL**

<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>	<b>Work Experience</b>
Site/Construction Supervisor (Architect, Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works	Duly licensed to practice their respective professions, with at least three (3) years-experience in their fields of specialization
Skilled Workers (Mason, Steelman)	10	Full time	Retaining Wall/Cribwall/Riprap Steelworks

			Painters (Fence),
Safety Officer	1	Full time	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Laborers	10	Full time	Of Legal Age, at least 18 years old.

**Lot 4: PACDAY QUINIO ELEMENTARY SCHOOL**

<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>	<b>Work Experience</b>
Site/Construction Supervisor (Architect, Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works	Duly licensed to practice their respective professions, with at least three (3) years-experience in their fields of specialization
Skilled Workers (Mason, Steelman)	10	Full time	Retaining Wall/Cribwall/Riprap Steelworks Painters (Fence),
Safety Officer	1	Full time	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Laborers	10	Full time	Of Legal Age, at least 18 years old.

**Lot 5: KIWAS INTEGRATED SCHOOL**

<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>	<b>Work Experience</b>
Site/Construction Supervisor	1	Full time from initiation of site	Duly licensed to practice their

(Architect, Engineer)		mobilization activities up to final acceptance of the works	respective professions, with at least three (3) years-experience in their fields of specialization
Skilled Workers (Mason, Steelman)	10	Full time	Retaining Wall/Cribwall/Riprap Steelworks Painters (Fence),
Safety Officer	1	Full time	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Welder	1	As-needed in the Site	Skilled in any types of welding and with at least three (3) years-experience
Laborers	10	Full time	Of Legal Age, at least 18 years old.

**Lot 6: SAYAPOT ELEMENTARY SCHOOL**

<b>Personnel</b>	<b>Min. No.</b>	<b>Job Description</b>	<b>Work Experience</b>
Site/Construction Supervisor (Architect, Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works	Duly licensed to practice their respective professions, with at least three (3) years-experience in their fields of specialization
Skilled Workers (Mason, Steelman)	10	Full time	Retaining Wall/Cribwall/Riprap Steelworks Painters (Fence),
Safety Officer	1	Full time	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies

			or Organization.
General Foreman	1	Full time	with at least 3 years of experience in Construction
Laborers	10	Full time	Of Legal Age, at least 18 years old.

10.5

The minimum major equipment requirements are the following:

**Lot1: TAM-AN ELEMENTARY SCHOOL**

Equipment	Description/Capacity	Number of Unit/lot/set
DumpTruck	12 cu.yd	1
Plate Compactor	5hp	1
Backhoe	0.80 cu.m	1 unit
One-bagger cement mixer	One Bagger	2 unit
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter Concrete Vibrator	2 2 1

**Lot 2: POLOD PRIMARY SCHOOL**

Equipment	Description/Capacity	Number of Unit/lot/set
DumpTruck	12 cu.yd	1
Plate Compactor	5hp	1
Backhoe	0.80 cu.m	1 unit
One-bagger cement mixer	One Bagger	2 unit
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter Concrete Vibrator	2 2 1

**Lot 3: DOÑA NICASIA PUYAT ELEMENTARY SCHOOL**

Equipment	Description/Capacity	Number of Unit/lot/set
DumpTruck	12 cu.yd	1
Plate Compactor	5hp	1
Backhoe	0.80 cu.m	1 unit
One-bagger cement mixer	One Bagger	2 unit
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter Concrete Vibrator	2 2 1

**Lot 4: PACDAY QUINIO ELEMENTARY SCHOOL**

Equipment	Description/Capacity	Number of Unit/ lot/set
DumpTruck	3.0 cu.m.	1
Plate Compactor	5hp	1
Backhoe	0.30 cu.m	1
Speed cutter	0.80 cu.m.	1
One-bagger cement mixer	One Bagger	2
Welding Machine		1
Grinding Machine		1
Electric jackhammer		1
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter Concrete Vibrator	2 2 1

**Lot 5: KIWAS INTEGRATED SCHOOL**

Equipment	Description/Capacity	Number of Unit/ lot/set
Transit Mixer	5 cu.m	1 unit
Batching Plant	30 cu.m	1
DumpTruck	12 cu.yd	1
Payloader	1.50cu.m	1
Plate Compactor	5hp	1
Pumpcrete	WHITEMAN 100D with complete accessories	1
Backhoe	0.80 cu.m	1 unit
One-bagger cement mixer	One Bagger	2 unit
Welding Machine	500 amps	1 unit
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter	2 2
Transit Mixer	5 cu.m	1 unit

**Lot 6: SAYAPOT ELEMENTARY SCHOOL**

Equipment	Description/Capacity	Number of Unit/ lot/set
DumpTruck	12 cu.yd	1
WATER TRUCK	16 cu.m	1
Plate Compactor	5hp	1
Backhoe	0.80 cu.m	1 unit
One-bagger cement mixer	One Bagger	2 unit
Scaffoldings	G.I. Pipe sch.20 (H-Frames & Brackets)	100 sets
Power Tools	Bar Bender Bar Cutter	2 2

	Concrete Vibrator	1
	<p><b><i>NOTE: For a clearer view of the Drawings/Plans, Program of Works (Detailed Cost Estimate and Bill of Quantities), and Technical Specifications, you can download them from this link: <a href="https://tinyurl.com/CY2024-SLOPE-PROTECTION">https://tinyurl.com/CY2024-SLOPE-PROTECTION</a>.</i></b></p>	
11.1	<p><b><i>The second bid envelope/financial component should include a USB/flash drive containing the soft copy of Financial Proposal in excel format. The hard copy of the financial proposal shall be the same with the submitted soft copy. In case of any discrepancies, the hard copy shall prevail.</i></b></p>	
12	<p>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.</p>	
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ol style="list-style-type: none"> <li>a. The amount of not less than <i>two percent (2%) of the ABC per lot</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li> <li>b. The amount of not less than <i>five percent (5%) of the ABC per lot</i> if bid security is in Surety Bond.</li> </ol>	
19.2	<p>No further instructions</p>	
20	<p>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 <b>BDS</b>.</p>	
21	<p>Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and</p>	



	other acceptable tools of project scheduling.
<b>others</b>	<b>Signature Box</b> A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

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

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

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## 1. Scope of Contract

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

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

## 2. Sectional Completion of Works

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

## 3. Possession of Site

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***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

# Special Conditions of Contract

GCC Clause															
2	<p>The Intended completion dates upon receipt of Notice to Proceed are as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Lot</th> <th style="text-align: center;">Calendar Days</th> </tr> </thead> <tbody> <tr> <td><b>Lot 1: Construction of Slope protection at Tam-an Elementary School, SDO Ifugao</b></td> <td style="text-align: center;"><b>180</b></td> </tr> <tr> <td><b>Lot 2: Construction of Slope protection at Polod Primary School, SDO Ifugao</b></td> <td style="text-align: center;"><b>120</b></td> </tr> <tr> <td><b>Lot 3: Construction of Slope protection at Dona Nicasia Puyat Elementary School, SDO Baguio City</b></td> <td style="text-align: center;"><b>90</b></td> </tr> <tr> <td><b>Lot 4: Construction of Slope protection at Pacday Quinio Elementary School, SDO Baguio City</b></td> <td style="text-align: center;"><b>60</b></td> </tr> <tr> <td><b>Lot 5: Construction of Slope protection at Kiwas Integrated School, SDO Benguet</b></td> <td style="text-align: center;"><b>180</b></td> </tr> <tr> <td><b>Lot 6: Construction of Slope protection at Sayapot Elementary School, SDO Mt. Province</b></td> <td style="text-align: center;"><b>90</b></td> </tr> </tbody> </table>	Lot	Calendar Days	<b>Lot 1: Construction of Slope protection at Tam-an Elementary School, SDO Ifugao</b>	<b>180</b>	<b>Lot 2: Construction of Slope protection at Polod Primary School, SDO Ifugao</b>	<b>120</b>	<b>Lot 3: Construction of Slope protection at Dona Nicasia Puyat Elementary School, SDO Baguio City</b>	<b>90</b>	<b>Lot 4: Construction of Slope protection at Pacday Quinio Elementary School, SDO Baguio City</b>	<b>60</b>	<b>Lot 5: Construction of Slope protection at Kiwas Integrated School, SDO Benguet</b>	<b>180</b>	<b>Lot 6: Construction of Slope protection at Sayapot Elementary School, SDO Mt. Province</b>	<b>90</b>
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4.1	The procuring entity shall give possession of all parts of the site to the contractor within <i>7 calendar days from receipt of the Notice to Proceed.</i>														
6	The site investigation reports are: <i>none</i>														
7.2	<b>One (1) year warranty on workmanship.</b>														
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.														
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>5 calendar days from delivery of the Notice of Award.</i>														
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>1/10 of 1% of the amount of the unimplemented part of the Contract.</i>														
13	The amount of the advance/mobilization payment is <i>15% of the Contract amount</i>														
14	Materials and equipment delivered on the site but not completely installed shall <b>NOT</b> be included for payment of progress billings. The contractor may submit a request for initial payment after 30% of the work has been accomplished.														
15.1	The date by which "as built" drawings are required <i>before the issuance of Certificate of Completion.</i>														



15.2	No further instructions
<b>Others</b>	<b>The contractor shall install separate sub meters for water and electricity and shall be responsible for the payment of bills.</b>

## *Section VI. Specifications*

### **Notes on Specifications**

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

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

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

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

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be

accepted subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

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



Republic of the Philippines  
**Department of Education**  
 CORDILLERA ADMINISTRATIVE REGION

**CONSTRUCTION REQUIREMENTS**

**GENERAL NOTES:**

- 1 PRE-CONSTRUCTION SURVEY SHALL BE JOINTLY CONDUCTED BY THE CONTRACTOR & REPRESENTATIVES FROM THE IMPLEMENTING OFFICE. THE CORRESPONDING "AS-STAKED" PLAN SHALL BE PREPARED INCORPORATING THE CHANGES AS A RESULT OF THE PRE-CONSTRUCTION SURVEY & SHALL BE SUBJECT FOR APPROVAL BY THE IMPLEMENTING OFFICE ENGINEER.
- 2 ADJUSTMENTS MAYBE DONE AT JOBSITE TO SUIT ACTUAL FIELD CONDITION DURING CONSTRUCTION SUBJECT TO THE APPROVAL OF THE IMPLEMENTING OFFICE ENGINEER.
- 3 NO ACTIVITIES SHALL COMMENCE WITHOUT PRIOR PRE- CONSTRUCTION MEETING BETWEEN THE CONTRACTOR AND THE IMPLEMENTING OFFICE, OTHERWISE, ERRORS ON THE LAYOUT WILL BE SUBJECTED TO REMOVAL OR RE-DO WITH THE CONTRACTOR'S EXPENSE.
- 4 SITE MUST BE FREE FROM EXCESS AND WASTE MATERIALS BEFORE FINAL INSPECTION OF THE COMPLETED PROJECT.

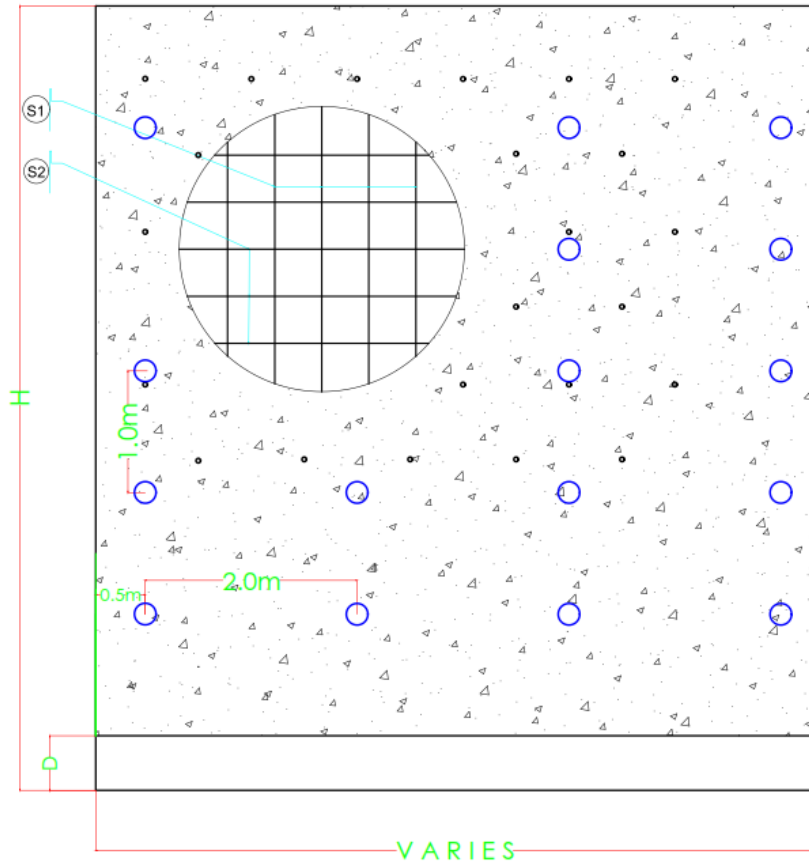
ITEM/ MATERIAL	SPECIFICATIONS
<b>General Requirements</b>	
Project Billboard	8' x 8' Tarpaulin, 2 sets with wood framing
<b>EarthWorks</b>	
	Can be common material or rock, which can be compacted. It shall be free from vegetable matter and lumps.
Embankment / Backfill	
Gravel bedding	
<b>Concreting Works</b>	
Structural Concrete	Compressive strenght at 28 days= 3000psi (20.7 Mpa)
Cement	PNS 7:2005 Portland Cement, Type-I
Washed Sand	Clean riversand, free from organic and other deleterious matter
Gravel	maximum size of aggregate shall not be larger than 1/5 of the narrowest dimension between sides of the forms nor larger than 20mm (3/4") of the maximum clear spacing between reinforcing bars, and in no case larger than 38mm (1-1/2")
<b>Rebar Works</b>	
Reinforcing Steel Bar	Grade 40 & 60 RSB PNS 49:2000
Tire Wires	G.I., gauge 16
<b>Formworks</b>	
Plywood	1/4" thk., PNS 196:2000
Lumber	coco lumber
<b>Masonry Works</b>	
Concrete Hollow Block	150mm (6") non- load bearing CHB
	100mm (4") non- load bearing CHB

ITEM/ MATERIAL	SPECIFICATIONS
<b>Steel Works</b>	
Angle Bars, Flat Bars, Tubular Bars, Round Bars & Channel Bars	PNS 26:199, standard sizes (as per specified)
G.I. Pipe	Schedule 40
Steel Mesh	2.6 mm thk., 4'x8'(2"x2")
welding rod	AWS A5.1 E6013
<b>Grouted Riprap</b>	
Boulders	Should be sound, tough, durable, dense, clean & resistant to the action of air and water. Subjected to the Engineers Approval. It should be between River Stone or Volcanic Stone ONLY. Clearance between stones shall not be less than 2 ½" or maximum size of concrete aggregate.
PVC weepholes	included in the Sanitary Works
Filter clothe	100% Polyester or Polypropylene, Mechanically Heat bonded , non-woven and comprise of continuous filament.
<b>Solar Perimeter Light</b>	
Integrated Solar Streetlight	Weatherproof 200 Watts Light Output, Industrial Type, Heavy Duty with motion sensor and prefabricated mounting bracket
Direct Burial Streetlight Pole	25' Heavy Duty, Galvanized
<b>Sanitary Works</b>	
Pipes & Fittings	Series 1000, uPVC orange pipes
Note: all connections shall be solvent- cement joined.	
<b>Painting Works</b>	
Enamel	"Liquid Tile" or "Acrytex" or approved equal
Primer Paint	"Liquid Tile" or "Acrytex" or approved equal
Thinners	Zinc Phosphate or Zinc Chromate

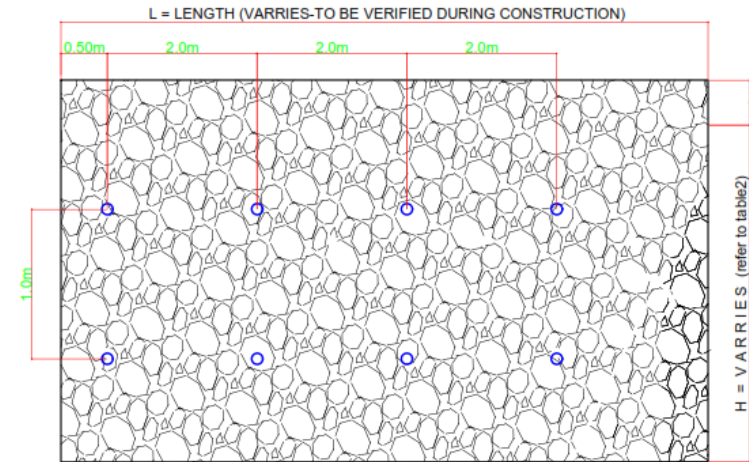
## ***Section VII. Drawings***

**Lot 1: TAM-AN ELEMENTARY SCHOOL**

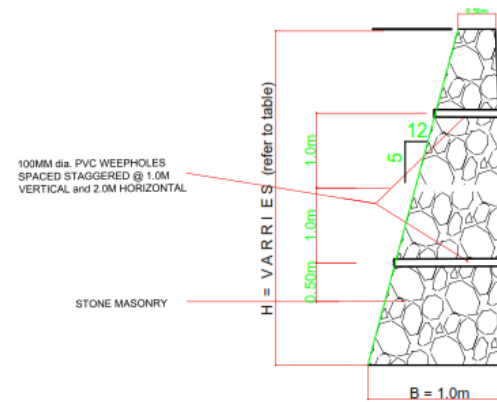




○ FRONT ELEVATION OF RETAINING WALL  
NOT DRAWN TO SCALE



○ ELEVATION DETAIL



100MM dia. PVC WEEPHOLES  
SPACED STAGGERED @ 1.0M  
VERTICAL and 2.0M HORIZONTAL

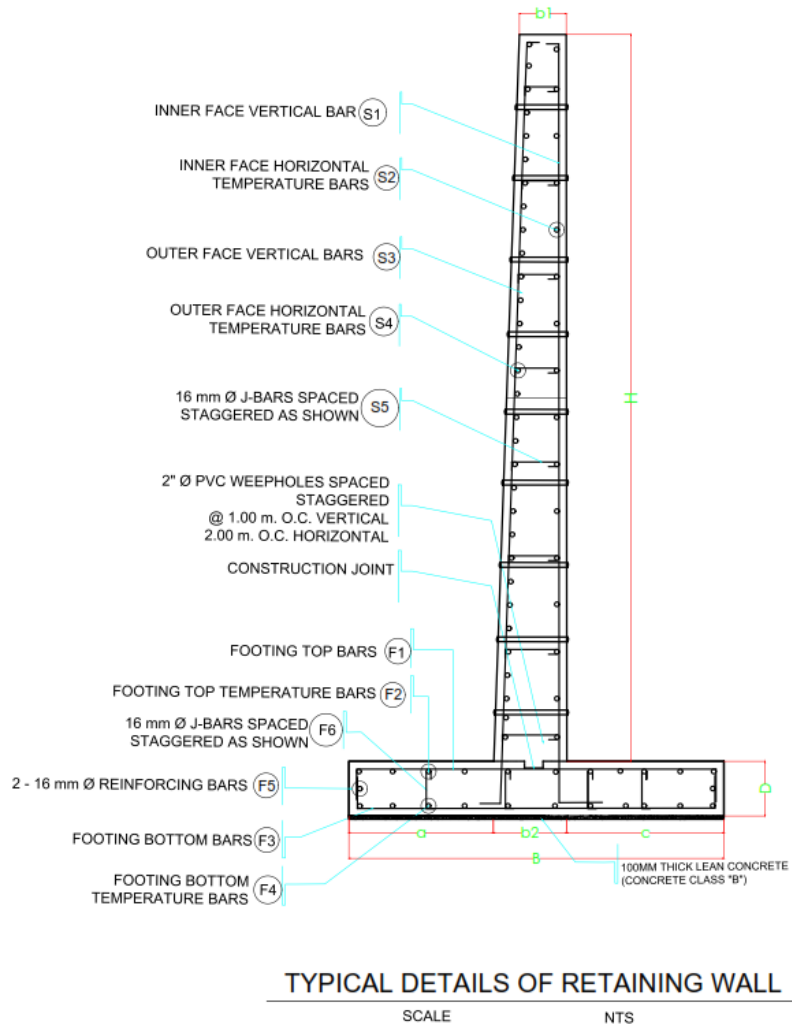
STONE MASONRY

H = VARRIES (refer to table)

B = 1.0m

○ SECTION DETAIL  
NOT DRAWN TO SCALE





### RETAINING WALL DIMENSION SCHEDULE

RETAINING WALL DIMENSION						
H=HEIGHT	WALL		FOOTING			
	b1	b2	D	B	a	c
5.0m	0.30m	0.80m	0.60m	2.0m	0.40m	0.80m

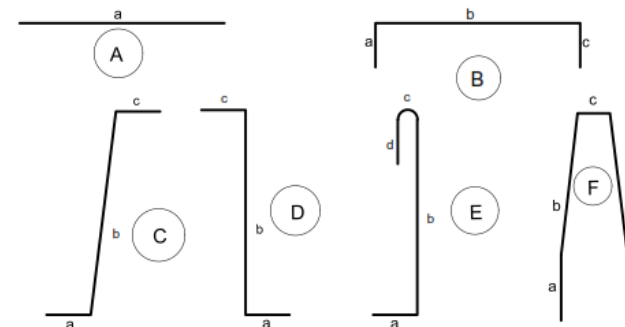
### RETAINING WALL DIMENSION SCHEDULE ( 4 Layers)

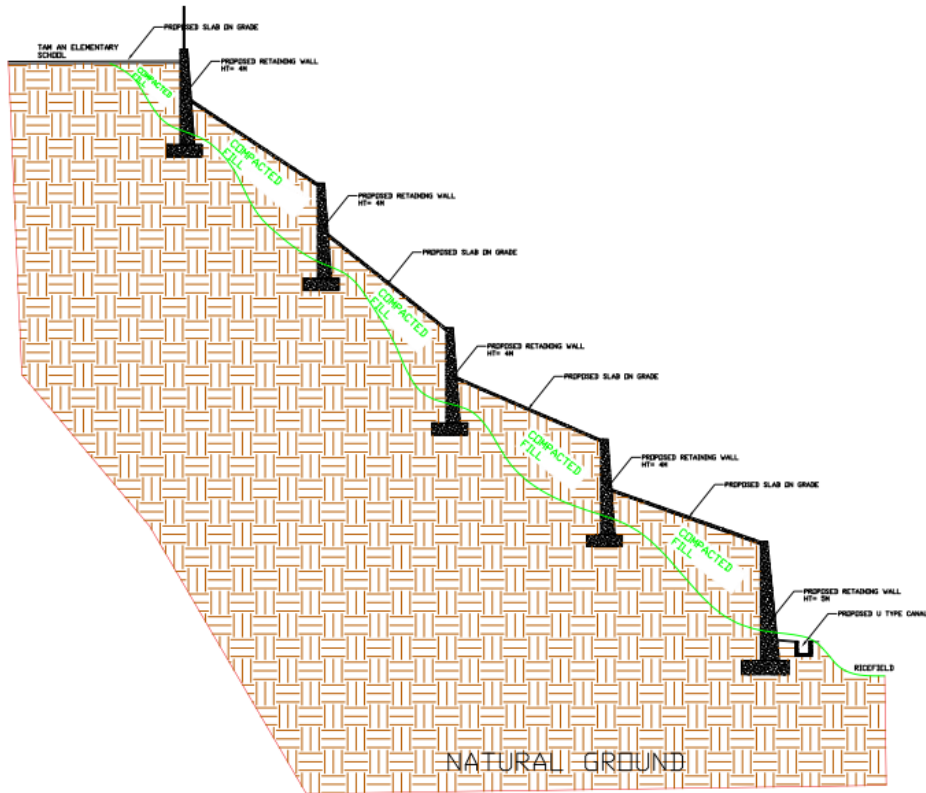
RETAINING WALL DIMENSION						
H=HEIGHT	WALL		FOOTING			
	b1	b2	D	B	a	c
4.0m	0.30m	0.60m	0.50m	1.50m	0.30m	0.60m

### GRouted RIPRAP DIMENSION SCHEDULE

GRouted RIPRAP DIMENSION			
H=HEIGHT	b1	b2	L
	4.0m	1.0m	0.50m

### BAR BENDING DIAGRAM





PLAN

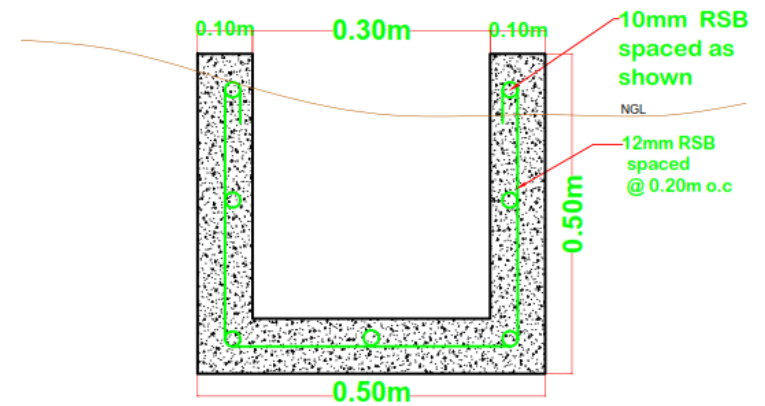
## CONCRETE WORKS

### SLAB ON GRADE

LENGHT	Width	Thk.
30.0m	8.0m	0.10m

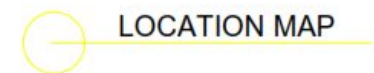
### U TYPE CANAL

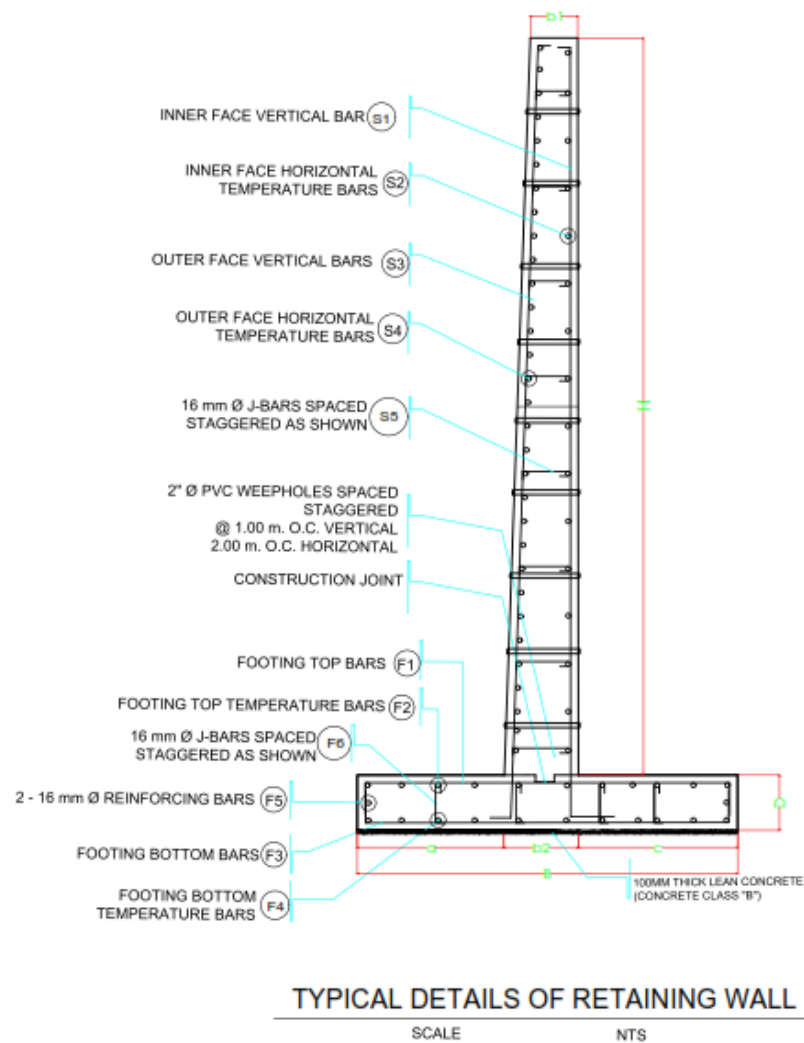
LENGHT	Width	Depth	Thickness
27.50m	0.30m	0.50m	0.10m



CROSS SECTION OF U- TYPE CANAL

## Lot 2: POLOD PRIMARY SCHOOL





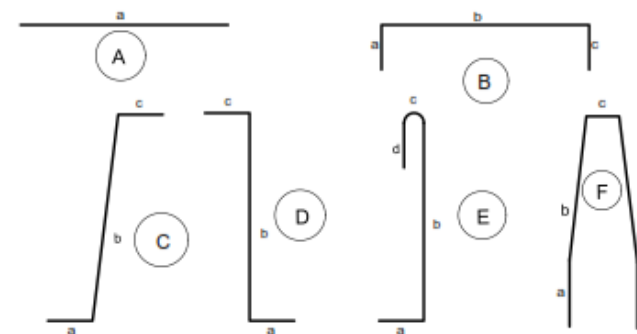
### RETAINING WALL DIMENSION SCHEDULE

RETAINING WALL DIMENSION						
H=HEIGHT	WALL		FOOTING			
	b1	b2	D	B	a	c
5.0m	0.30m	0.80m	0.50m	2.0m	0.40m	0.80m

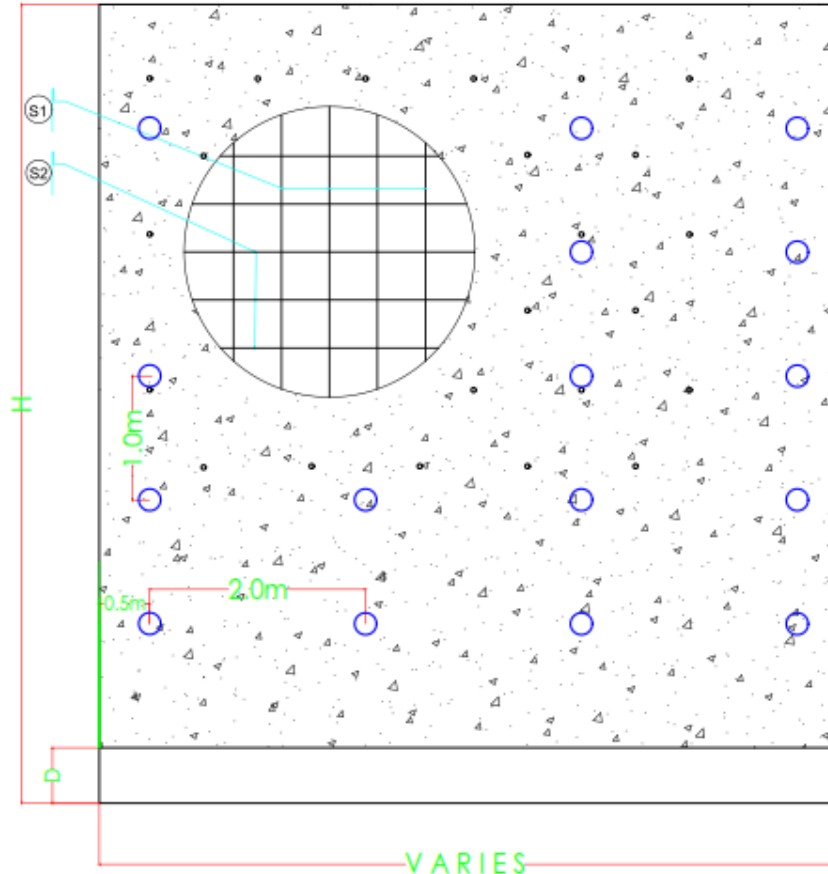
### GROUTED RIPRAP DIMENSION SCHEDULE

GROUTED RIPRAP DIMENSION			
H=HEIGHT			
	b1	b2	L
3.50m	1.30m	0.50m	15.0m

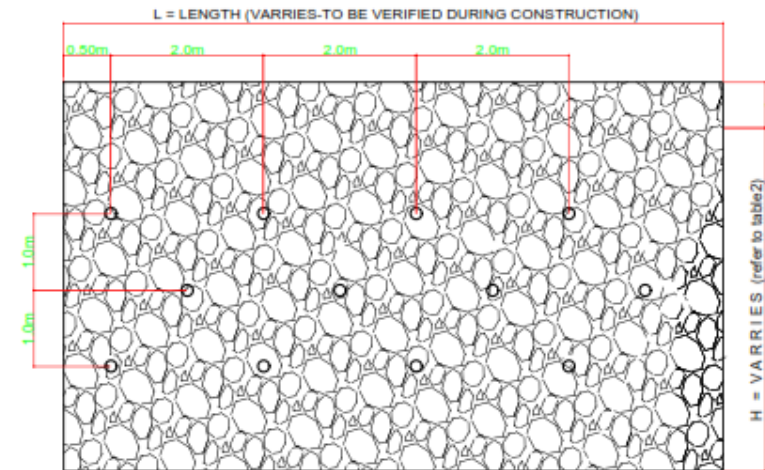
### BAR BENDING DIAGRAM



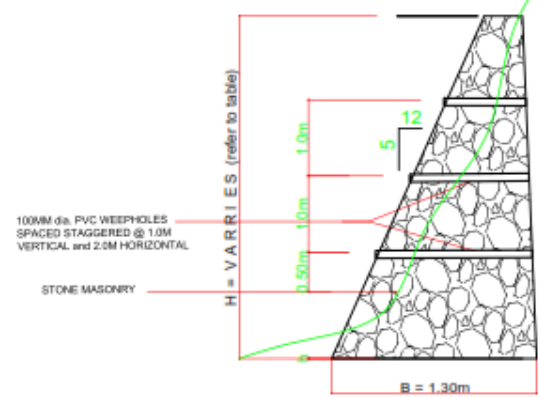




**FRONT ELEVATION OF RETAINING WALL**  
NOT DRAWN TO SCALE



**ELEVATION DETAIL**



**SECTION DETAIL**  
NOT DRAWN TO SCALE

# Lot 3: DOÑA NICASIA PUYAT ELEMENTARY SCHOOL

PROJECT TITLE : REHABILITATION OF SLOPE PROTECTION AT DONA NICASIA PUYAT ELEMENTARY SCHOOL  
 APPROPRIATION : 2,500,000.00  
 SOURCE OF FUND : BASIC EDUCATIONAL FACILITIES FUND  
 PROJECT DURATION : 120 CALENDAR DAYS



SITE

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
OTHER GENERAL REQUIREMENTS				AGGREGATE SUBBASE COURSE			
B.1.	OFFICES, SHOPS, STORES AND WORKMENS ACCOMMODATION FOR CONTRACTOR	1.00	lumpsum	102(4)	SURPLUS UNCLASSIFIED EXCAVATION	5.53	cubic meter
B.5.	PROJECT BILLBOARD/SIGN BOARD	1.00	lumpsum	RIPRAP AND GROUDED RIPRAP			
B.7(2)	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	1.00	lumpsum	102(4)	GROUDED RIPRAP CLASS A (40% BOULDERS AVAILABLE ON SITE)	249.22	cubic meter
B.9	MOBILIZATION/DEMOLIBZATION	1.00	lumpsum	2,000 CONCRETING WORKS			
REMOVAL OF STRUCTURES AND OBSTRUCTIONS				2(a)	STRUCTURAL CONCRETE -CRIBWALL	33.74	cubic meter
B.7(2)	REMOVAL OF EXISTING STRUCTURES AND OBSTRUCTIONS	1.00	lumpsum	3,000 REBAR WORKS			
EXCAVATION				3(a)	REINFORCING STEEL (DEFORMED)-CRIBWALL	3,958.96	kilograms
102(4)	SURPLUS UNCLASSIFIED EXCAVATION	201.69	cubic meter	4,000 FORMWORKS			
104(7)	EMBANKMENT FROM STRUCTURE EXCAVATION	86.40	cubic meter	4(a)	FORMWORKS AND FALSEWORKS	187.20	square meter
AGGREGATE SUBBASE COURSE				5,000 WELDING WORKS			
				5(b)	FENCE	40.10	linear meter

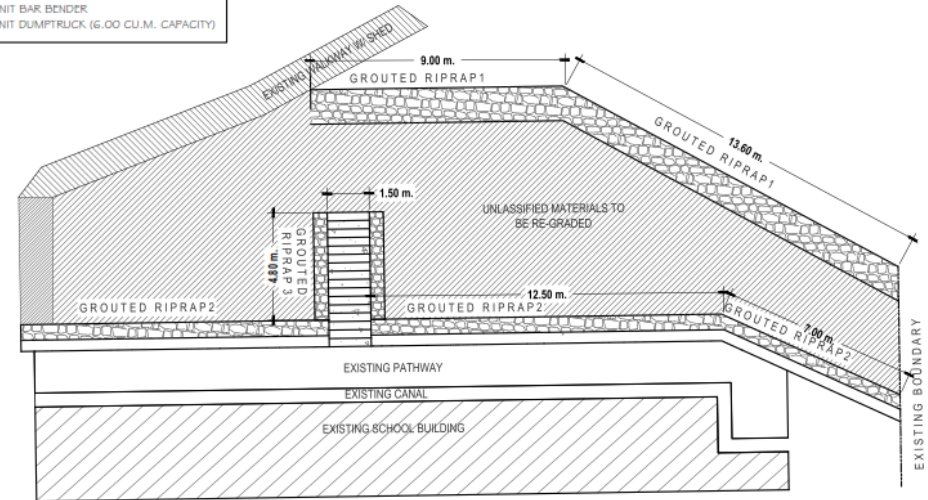
## EQUIPMENTS

- 1 UNIT DUMPTRUCK (3.00 CU.M. CAP.)
- 1 UNIT PLATE COMPACTOR
- 1 UNIT CONCRETE VIBRATOR
- 1 UNIT SPEED CUTTER
- 1 UNIT WELDING MACHINE
- 1 UNIT PORTABLE GRINDING MACHINE
- 1 UNIT PC 30 BACKHOE OR ANY MODEL WITH THE SAME BUCKET CAPACITY AND WITH BREAKER
- 1 UNIT ONE BAGGER CONCRETE MIXER
- 1 UNIT BAR BENDER
- 1 UNIT DUMPTRUCK (6.00 CU.M. CAPACITY)

## NOTES

- APPLY SAFETY PRACTICE THROUGHOUT CONSTRUCTION
- ALWAYS WEAR PPE WHEN ON JOBSITE
- ADJUSTMENTS MAY BE DONE AT JOBSITE TO SUIT ACTUAL FIELD CONDITION DURING CONSTRUCTION, UPON TO THE APPROVAL OF AREA ENGINEER
- SITE MUST BE FREE FROM EXCESS AND WASTE MATERIALS BEFORE FINAL INSPECTION OF THE COMPLETED PROJECT
- ALWAYS FOLLOW SITE INSTRUCTIONS
- INSTALL TARPULIN AS PER COA CIRCULAR # 2013-2014 DATED JANUARY 30, 2013
- NO ACTIVITIES SHALL COMMENCE WITHOUT PRIOR STAKING BETWEEN THE CONTRACTOR AND THE PROJECT ENGINEER/ DESIGNER. OTHERWISE, ERROR/S ON THE LAYOUT WITHOUT THE CONDUCT OF THE AFOREMENTIONED STAKING IS/ ARE SUBJECT TO REMOVAL OR REPEAT WITH THE CONTRACTOR'S EXPENSE

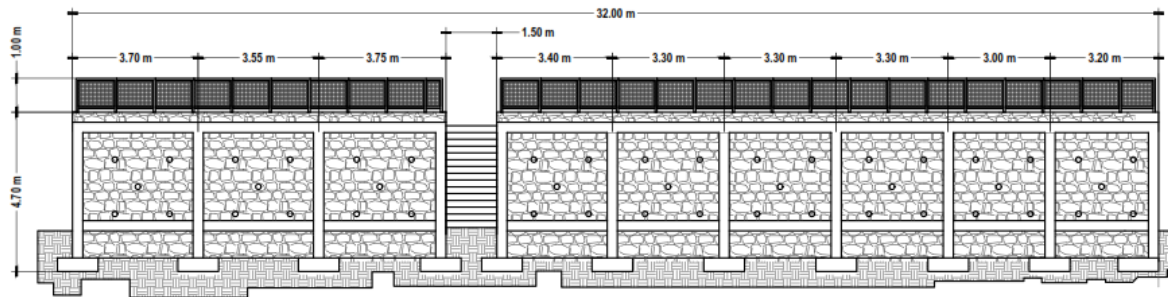
## ACTUAL SITE CONDITION



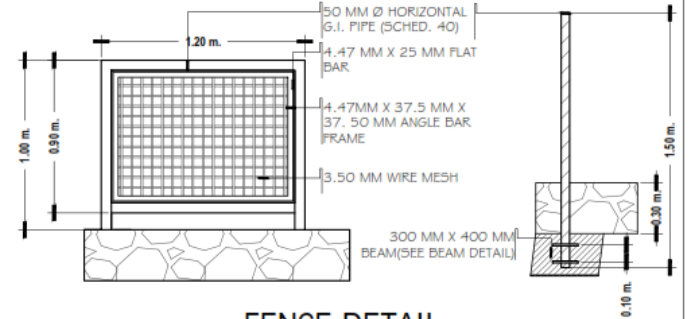
SITE DEVELOPMENT PLAN



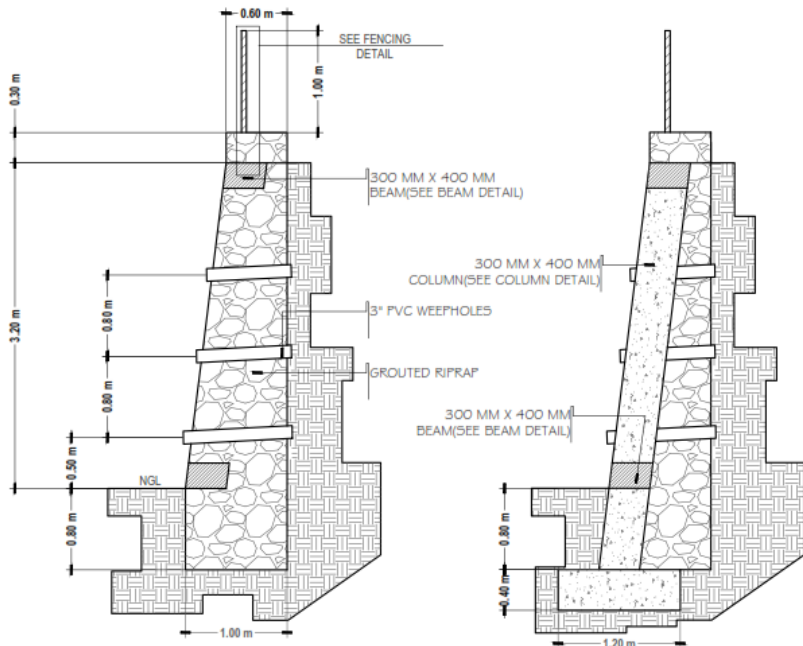
GROUDED RIPRAP 2 DETAIL



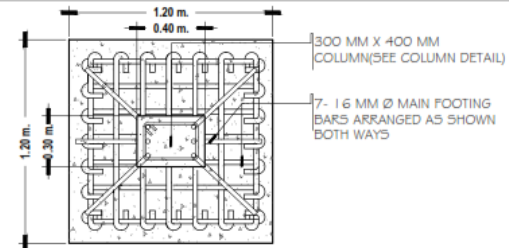
GROUTED RIPRAP ELEVATION



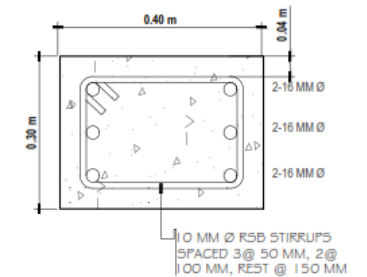
FENCE DETAIL



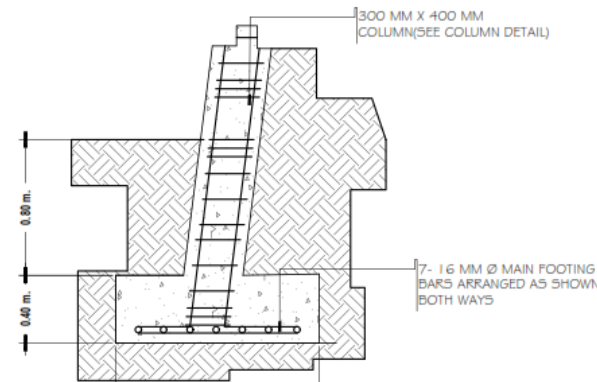
GROUTED RIPRAP SECTION



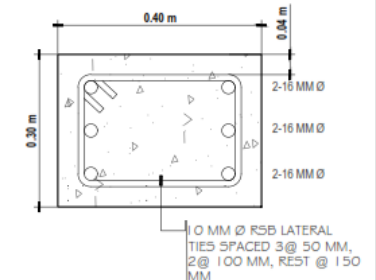
FOOTING PLAN



COLUMN DETAIL



FOOTING SECTION

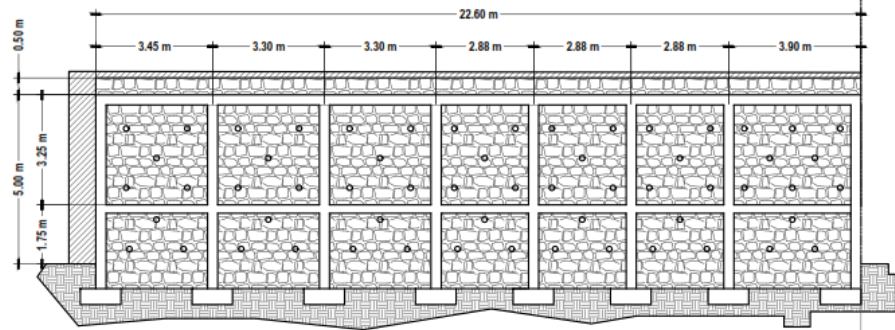


BEAM DETAIL

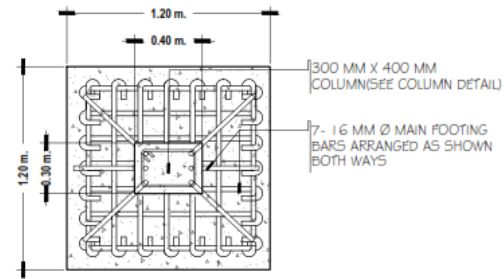
1  
2 2

**GROUTED RIPRAP DETAIL**

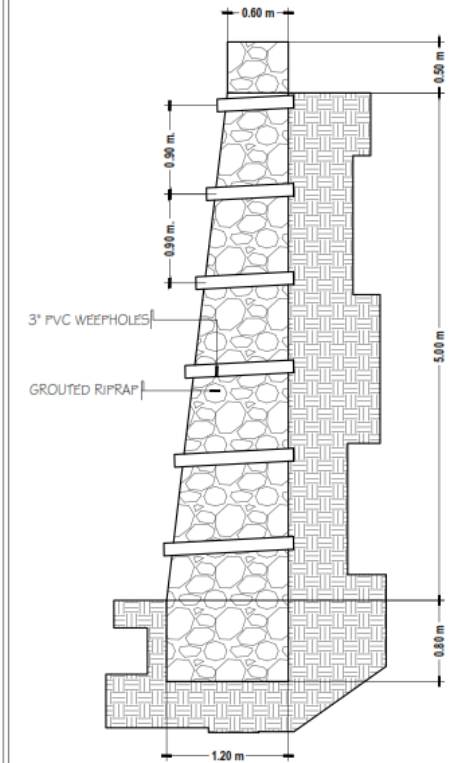




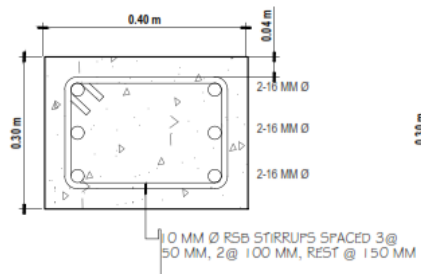
**GRAOUTED 1 RIPRAP ELEVATION**



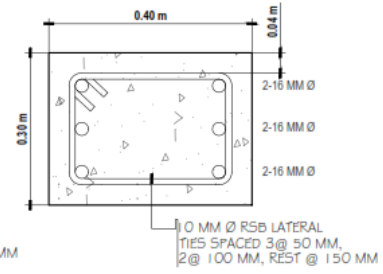
**FOOTING PLAN**



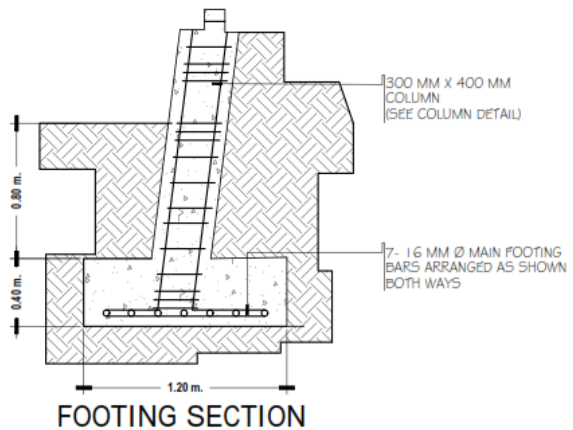
**GRAOUTED RIPRAP 1 SECTION**



**BEAM**



**COLUMN**

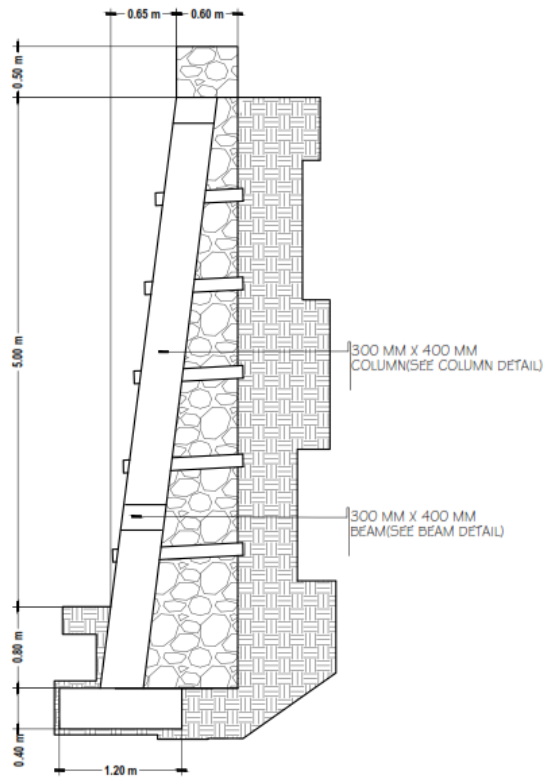


**FOOTING SECTION**

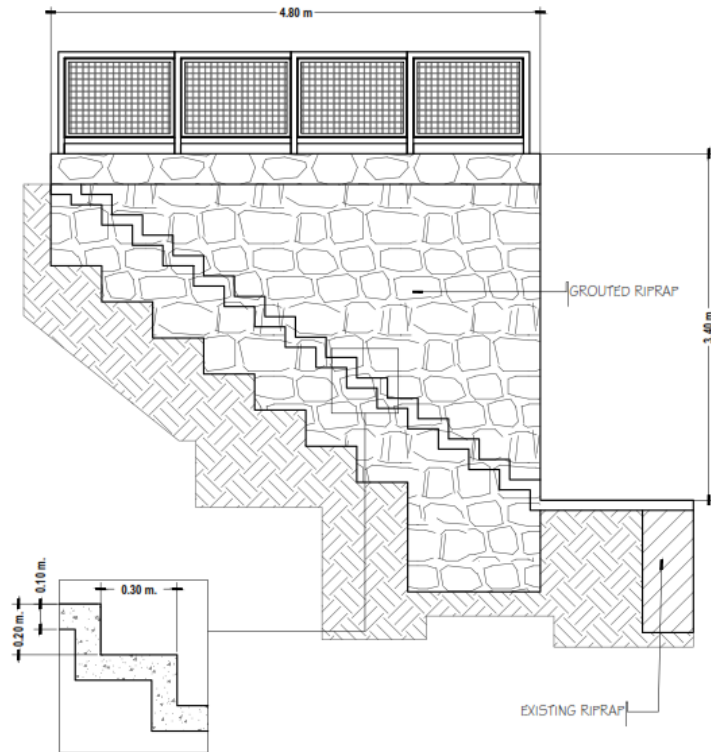
1  
3 3

**GRAOUTED RIPRAP 1 DETAIL**

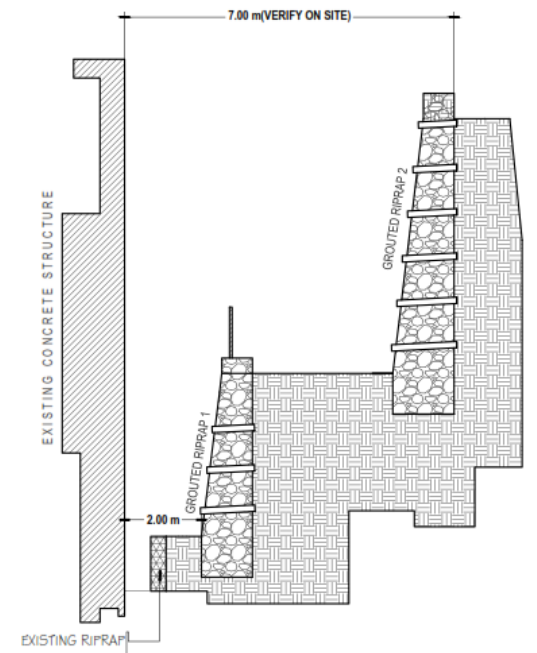




GROUTED RIPRAP 1 SECTION



GROUTED RIPRAP 3 SECTION



GROUTED RIPRAP SECTION

1  
4 4

**GROUTED RIPRAP 1, 2, 3 DETAIL**

# Lot 4: PACDAY QUINIO ELEMENTARY SCHOOL

PROJECT TITLE : CONSTRUCTION OF SLOPE PROTECTION AT  
 PACDAY QUINIO ELEMENTARY SCHOOL  
 APPROPRIATION : 500,000.00  
 SOURCE OF FUND : BASIC EDUCATIONAL FACILITIES FUND  
 PROJECT DURATION : 60 CALENDAR DAYS



**SITE**

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
OTHER GENERAL REQUIREMENTS				2.000 . CONCRETING WORKS			
B.1.	OFFICES, SHOPS, STORES AND WORKMENS ACCOMODATION FOR CONTRACTOR	1.00	lumpsum	2 (a)	SURPLUS CONCRETE-CRIBWALL	5.04	cubic meter
				2 (b)	CONCRETE PATHWAY	15.00	square meter
B.5.	PROJECT BILLBOARD/SIGN BOARD	1.00	lumpsum	3.000 . REBAR WORKS			
B.7(2)	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	1.00	lumpsum	3 (a)	REINFORCING STEEL (DEFORMED)-CRIBWALL	865.45	kilograms
B.9	MOBILIZATION/DEMOBILIZATION	1.00	lumpsum	4.000 FORMWORKS			
SPL.1	HAULING OF CONSTRUCTION MATERIALS	70.54	cubic meter	4(a)	FORMWORKS AND FALSEWORKS	25.08	square meter
SPL.2	HAULING OUT OF WASTE (UNCLASSIFIED)	30.60	cubic meter	5.000 MASONRY WORKS			
EARTHWORKS				5(a)	CONCRETE FENCE INCLUDING POST	24.00	square meter
1 (a)	REMOVAL OF EXISTING STRUCTURES AND OBSTRUCTIONS			FINISHING WORKS			
				5(b)	CEMENT PLASTER FINISH	40.00	square meter
1 (b)	STRUCTURE EXCAVATION (COMMON SOIL)	201.69	cubic meter	BANK AND SLOPE PROTECTION WORKS			
1 (c)	AGGREGATE BASE COURSE	86.40	cubic meter	1 (a)	GROUTED RIPRAP CLASS A	33.00	cubic meter

## EQUIPMENTS

- 1 UNIT DUMPTRUCK (3.00 CU.M. CAP.)
- 1 UNIT ELECTRIC JACKHAMMER
- 1 UNIT CONCRETE VIBRATOR
- 1 UNIT SPEED CUTTER
- 1 UNIT WELDING MACHINE
- 1 UNIT PORTABLE GRINDING MACHINE
- 1 UNIT ONE BAGGER CONCRETE MIXER
- 1 UNIT BAR BENDER

## NOTES

- APPLY SAFETY PRACTICE THROUGHOUT CONSTRUCTION
- ALWAYS WEAR PPE WHEN ON JOBSITE
- ADJUSTMENTS MAY BE DONE AT JOBSITE TO SUIT ACTUAL FIELD CONDITION DURING CONSTRUCTION, UPON TO THE APPROVAL OF AREA ENGINEER
- SITE MUST BE FREE FROM EXCESS AND WASTE MATERIALS BEFORE FINAL INSPECTION OF THE COMPLETED PROJECT
- ALWAYS FOLLOW SITE INSTRUCTIONS
- INSTALL TARPAULIN AS PER COA CIRCULAR # 2013-2014 DATED JANUARY 30, 2013
- NO ACTIVITIES SHALL COMMENCE WITHOUT PRIOR STAKING BETWEEN THE CONTRACTOR AND THE PROJECT ENGINEER/ DESIGNER. OTHERWISE, ERROR/S ON THE LAYOUT WITHOUT THE CONDUCT OF THE AFOREMENTIONED STAKING IS/ ARE SUBJECT TO REMOVAL OR REPEAT WITH THE CONTRACTOR'S EXPENSE

### 1(d). Grouted Riprap Class A:

- Use stone #1 size
- Pour Grout over layer of Stone #1 placed
- Chip Stone #1 placed on the outside face of structure resembling to semi-crazy cut
- Align every Stone #1 placed to form straight line

### 2(a). Structural Concrete-Cribwall:

- Use concrete vibrator to eliminate voids from concrete
- Concrete compressive strength @ 28 days=3000 psi

### 3(a). Reinforcing Steel (Deformed)-Cribwall:

- 16mm Ø = Grade 40
- 12mm Ø, 10mmØ = Grade 33

### 4(a). Formworks and Falseworks:

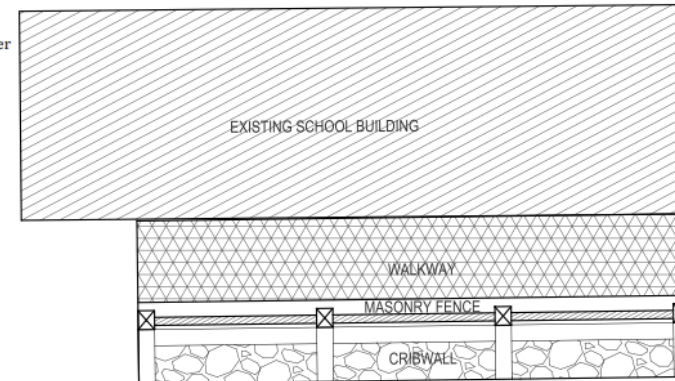
- Use decent formworks (1/2" phenolic board , uPVC, 1/2" or thicker plywood)

### 5(a). Concrete Fence including Post:

- Fully weld all members
- Paint all fence material w/ epoxy primer-2 coats
- Paint all fence material w/ epoxy enamel topcoat-green 2 coats

OBSERVE AND PRACTICE GOOD HIGH QUALITY WORKMANSHIP.

OBSERVE USE GOOD QUALITY OF CONSTRUCTION MATERIALS.



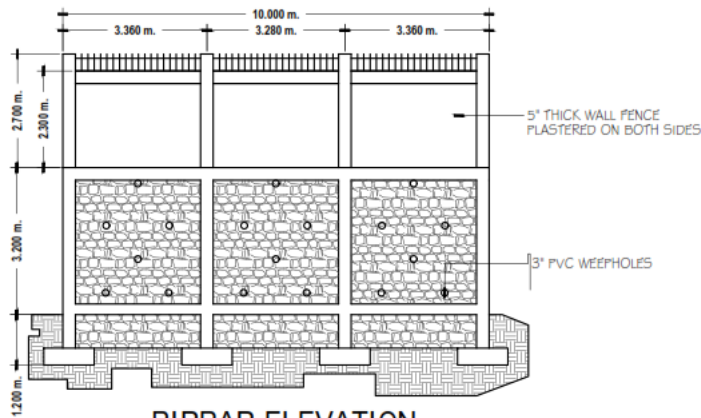
**RIPRAP PLAN**

## SUPERVISION REQUIREMENTS

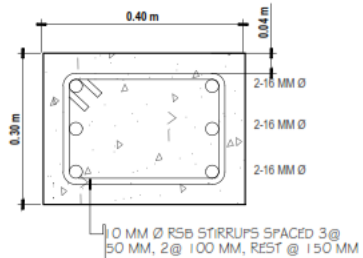
- a. 1 CONSTRUCTION FOREMAN
- b. 1 CIVIL ENGINEER



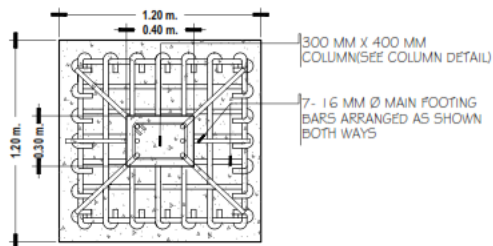
**LOCATION MAP AND NOTES**



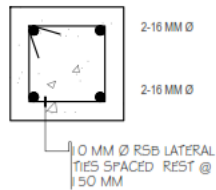
**RIPRAP ELEVATION**



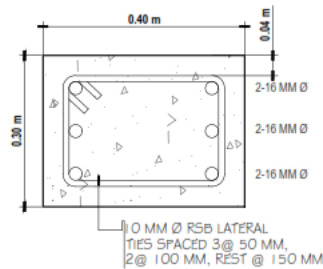
**BEAM**



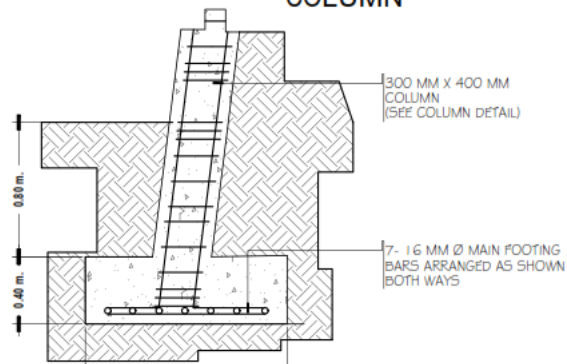
**FOOTING PLAN**



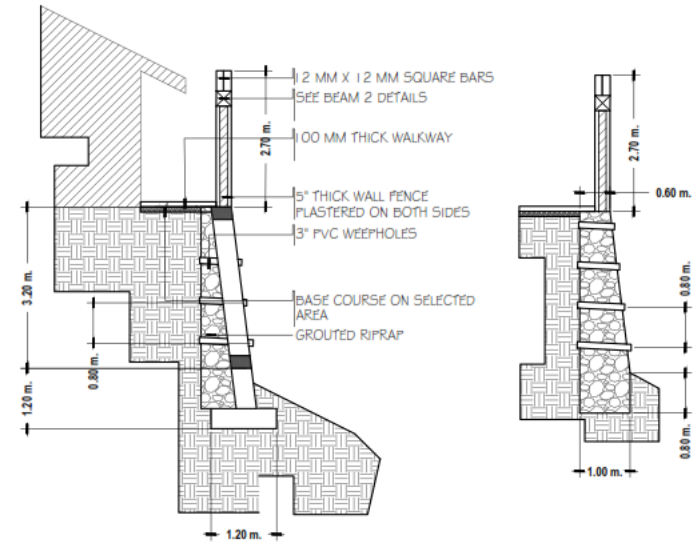
**BEAM 2**



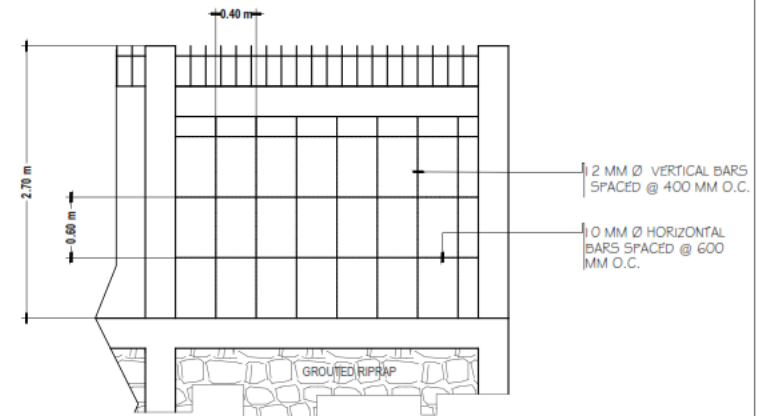
**COLUMN**



**FOOTING SECTION**



**RIPRAP CROSS SECTION**

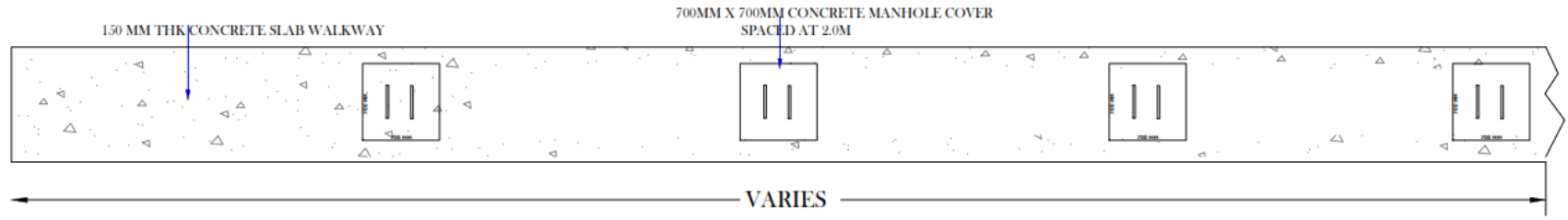


**CHB WALL FENCE DETAIL**

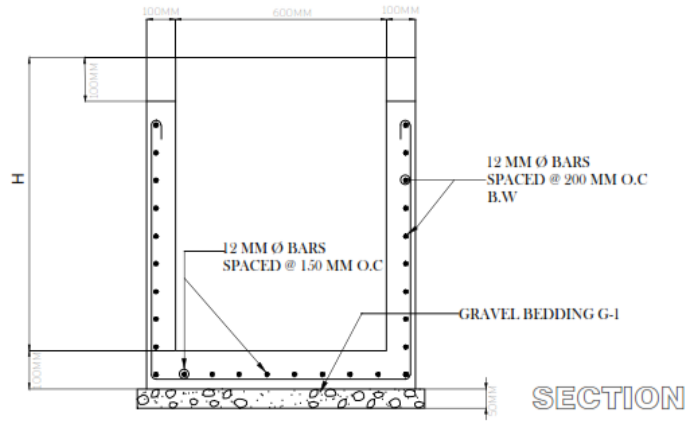
1  
2 2

**GROUTED RIPRAP DETAIL**

**Lot 5: KIWAS INTEGRATED SCHOOL**

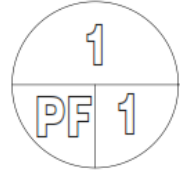
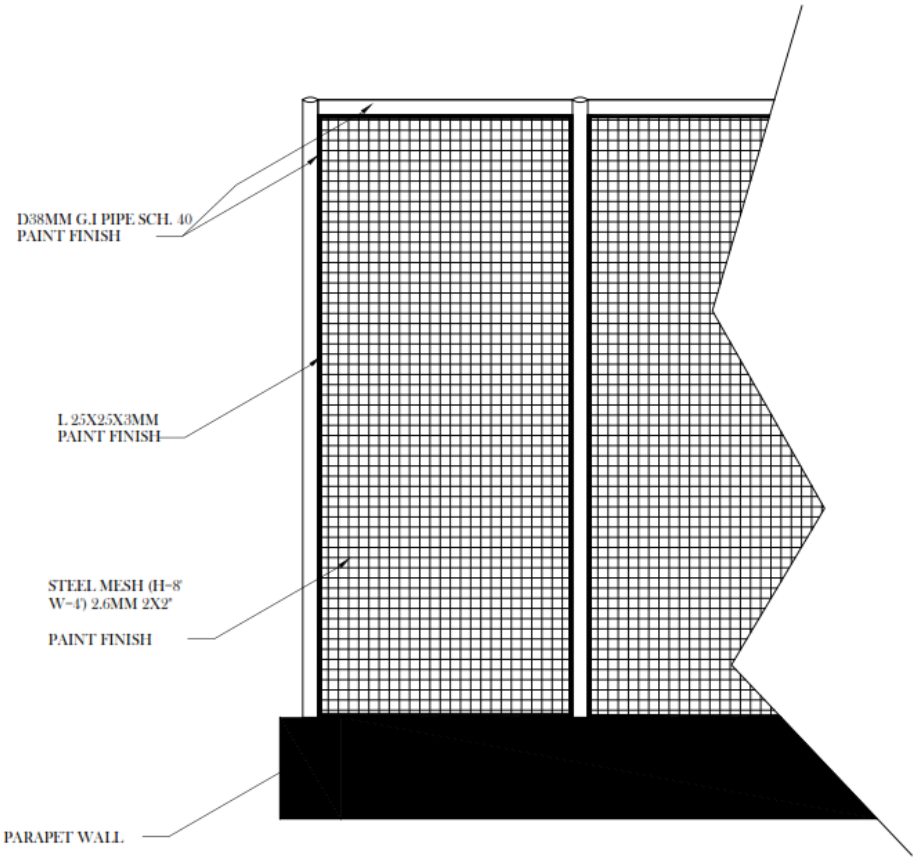


1  
D 1  
DRAINAGE CANAL TOP VIEW  
SCALE NTS



NOTE:  
 LENGTH OF CANAL ON SCHOOL GROUNDS: 43M  
 LENGTH OF CANAL ALONG THE SLOPE PROTECTION: 60M  
 DEPTH FOR BOTH CANAL: 600M  
 WIDTH: 600M

1  
P 1  
DRAINAGE CANAL  
SCALE NTS

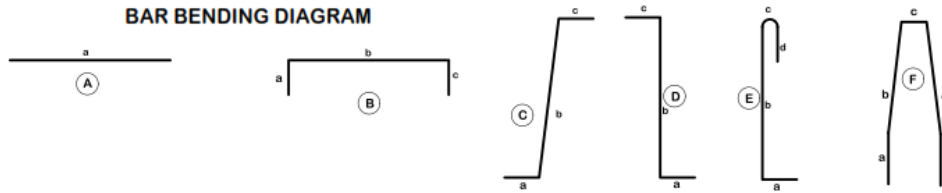


# PERIMETER FENCE DETAILS

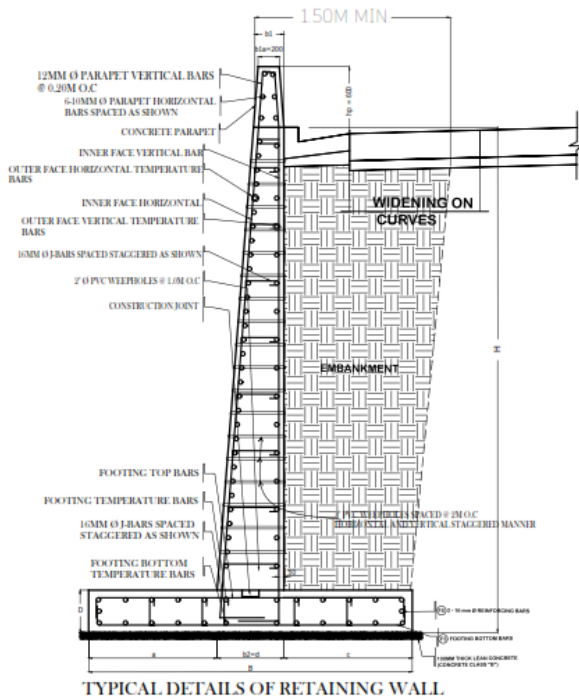
SCALE

NTS

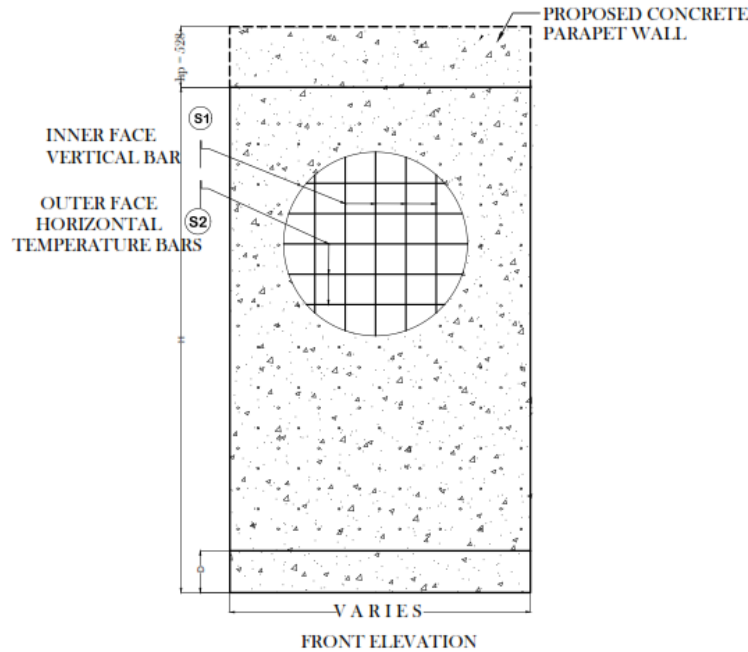
**BAR BENDING DIAGRAM**



DESIGN PARAMETERS	
W <sub>cc</sub> = Unit weight of Concrete	= 24.00 kN/m <sup>3</sup>
w <sub>ss</sub> = Unit weight of soil	= 18.00 kN/m <sup>3</sup>
q <sub>s</sub> = Surcharge	= 9.80 kN/m <sup>2</sup>
φ = Angle of friction of soil	= 35.00 degrees
f <sub>c</sub> = Compressive Strength of Concrete	= 20.70 kN/m <sup>2</sup>
E <sub>c</sub> = Modulus of Elasticity of Concrete	= 21,520.00 kN/m <sup>2</sup>
f <sub>s</sub> = Min. Yield Strength of RSB (Grade 40)	= 276.00 kN/m <sup>2</sup>
f <sub>s</sub> = Min. Yield Strength of RSB (Grade 60)	= 415.00 kN/m <sup>2</sup>
E <sub>s</sub> = Modulus of Elasticity of RSB	= 200,000.00 kN/m <sup>2</sup>



TYPICAL DETAILS OF RETAINING WALL.



NOTE:  
 1.0) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.  
 2.0) EMBANKMENT PROTECTION SHALL BE CONSTRUCTED ON A FOUNDATION BED SATISFACTORY TO THE ENGINEER.  
 3.0) SOIL BEARING TEST MUST BE CONDUCTED DURING CONSTRUCTION TO VERIFY THE ACTUAL SOIL BEARING CAPACITY OF FOUNDATION.

1

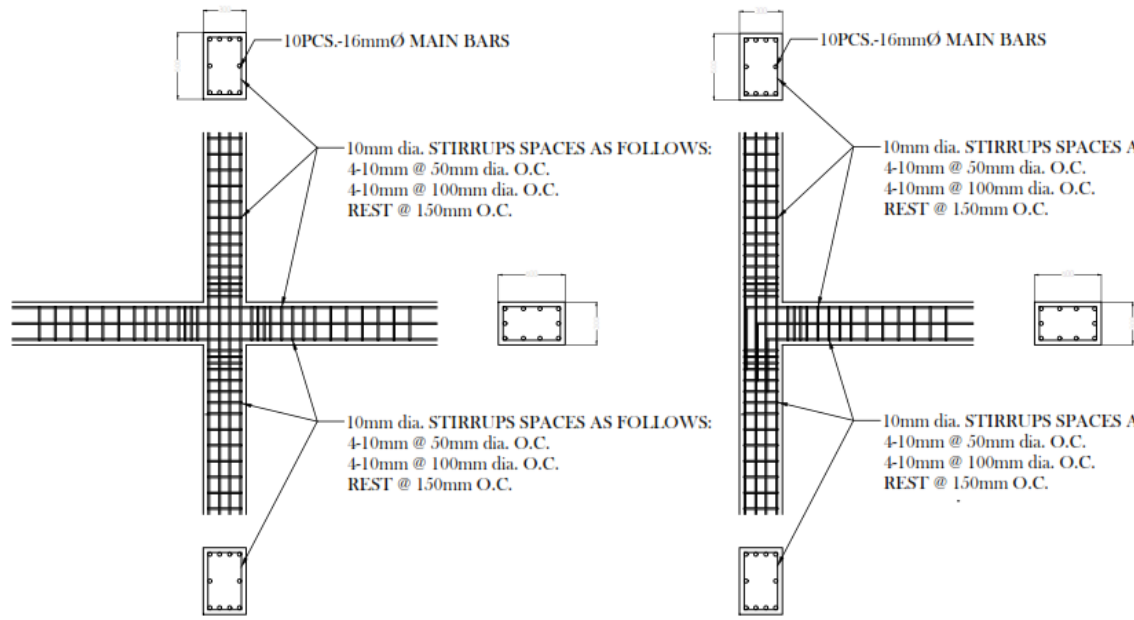
2

CB

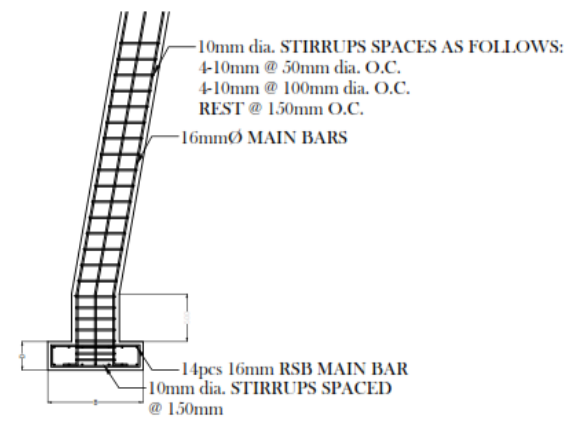
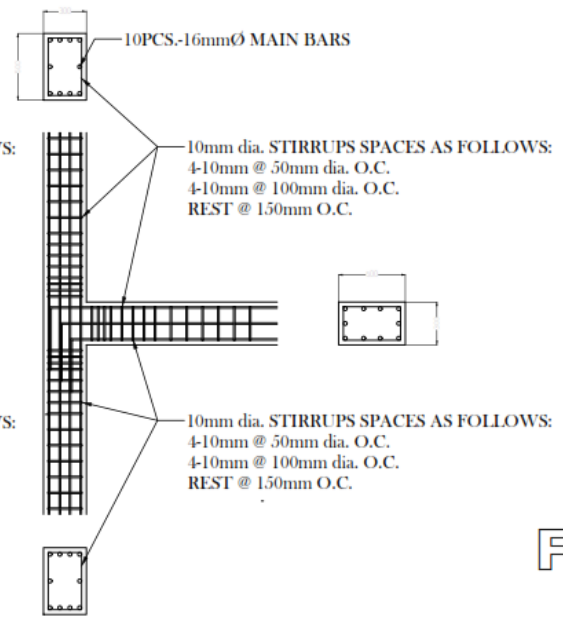
# RETAINING WALL DETAIL

SCALE NTS





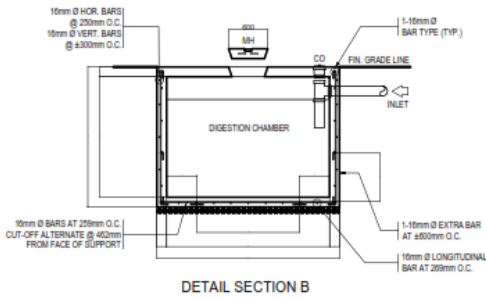
### COLUMN BEAM DETAILS



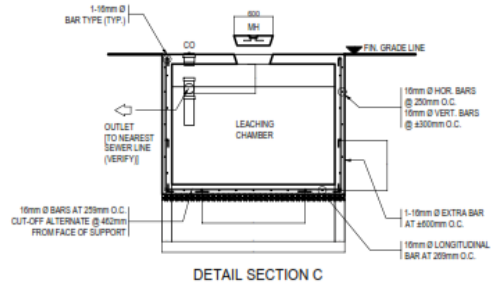
### FOOTING DETAILS



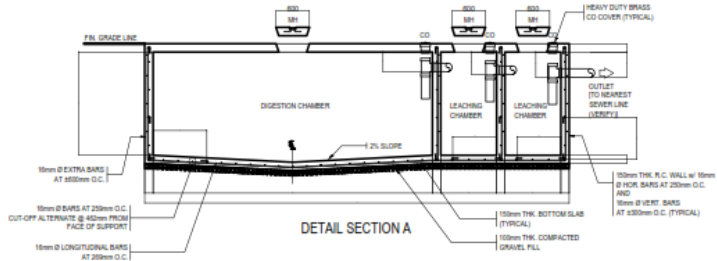
SCHEDULE OF TOP SLAB REINFORCEMENT		
MARK	TOP SLAB	
	SHORT DIRECTION	LONG DIRECTION
S-1	18mm Ø BARS @ 150mm O.C. EXT UP 2 OUT OF 3 @ 1/4 FROM FACE OF SUPPORT	18mm Ø BARS @ 150mm O.C. TRANSVERSE BARS
S-2	18mm Ø BARS @ 225mm ON CENTER	18mm Ø BARS @ 150mm ON CENTER



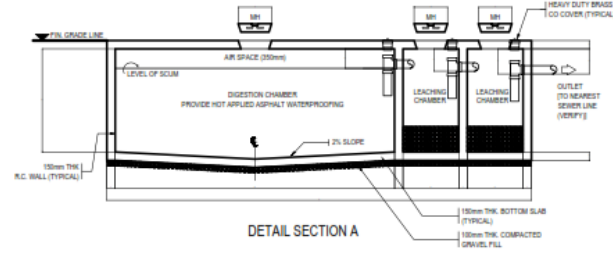
DETAIL SECTION B



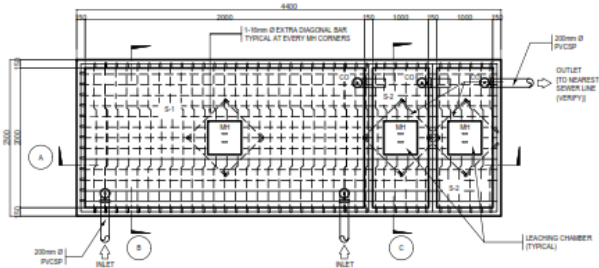
DETAIL SECTION C



DETAIL SECTION A

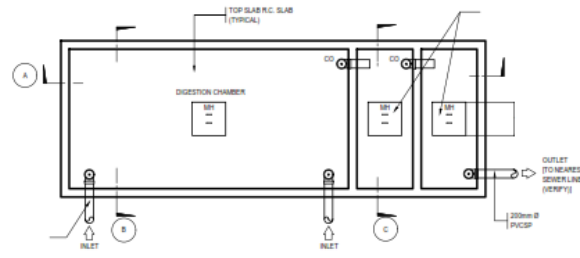


DETAIL SECTION A



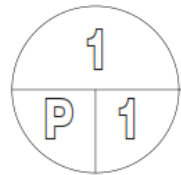
DETAIL PLAN (TOP SLAB)

2  
P-B SCALE 1:40  
DETAIL OF SEPTIC VAULT (w/ REINFORCING BARS)



DETAIL PLAN (TOP SLAB)

3  
P-B SCALE 1:40  
DETAIL OF SEPTIC VAULT



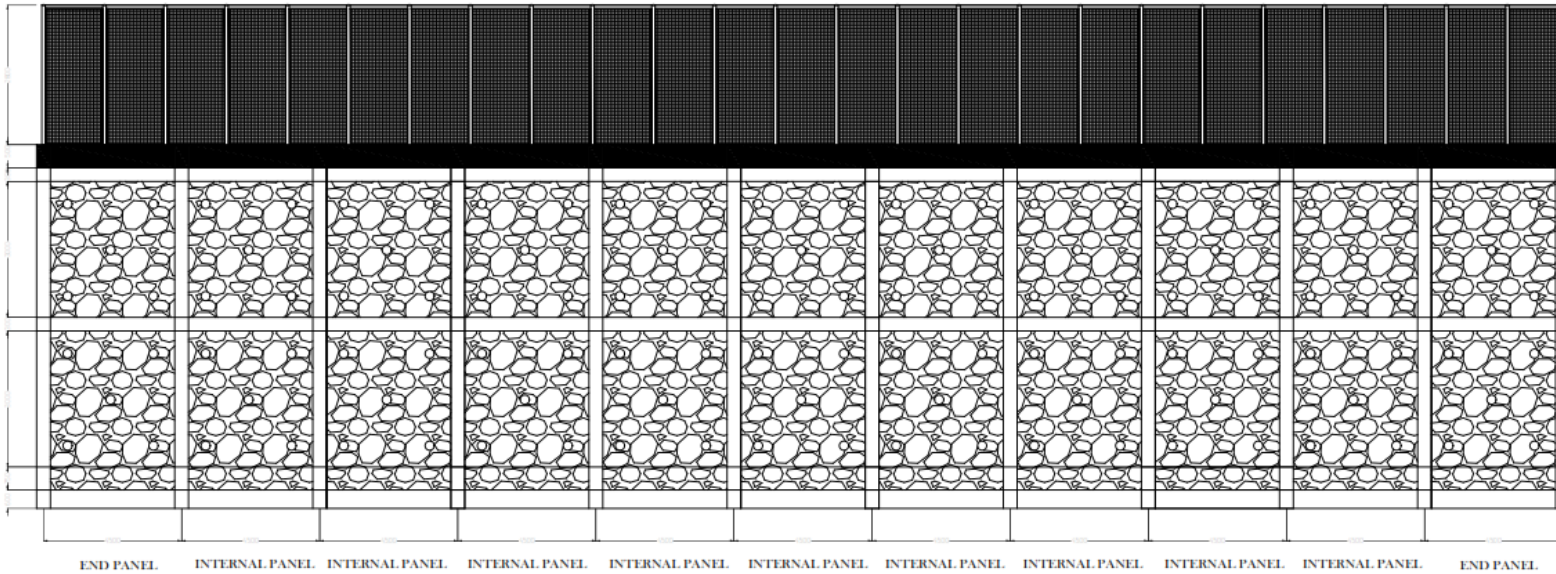
# SEPTIC TANK DETAIL

SCALE

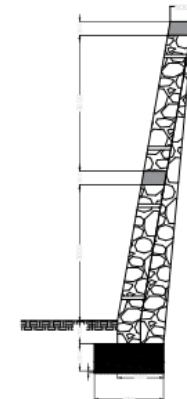
NTS



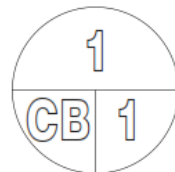
L = 35 METERS



ELEVATION  
(LOWER CRIBWALL)



SECTION  
DETAILS



CRIBWALL DETAIL

SCALE

NTS

PREPARED BY:

CHECKED BY:

RECOMMENDING APPROVAL:

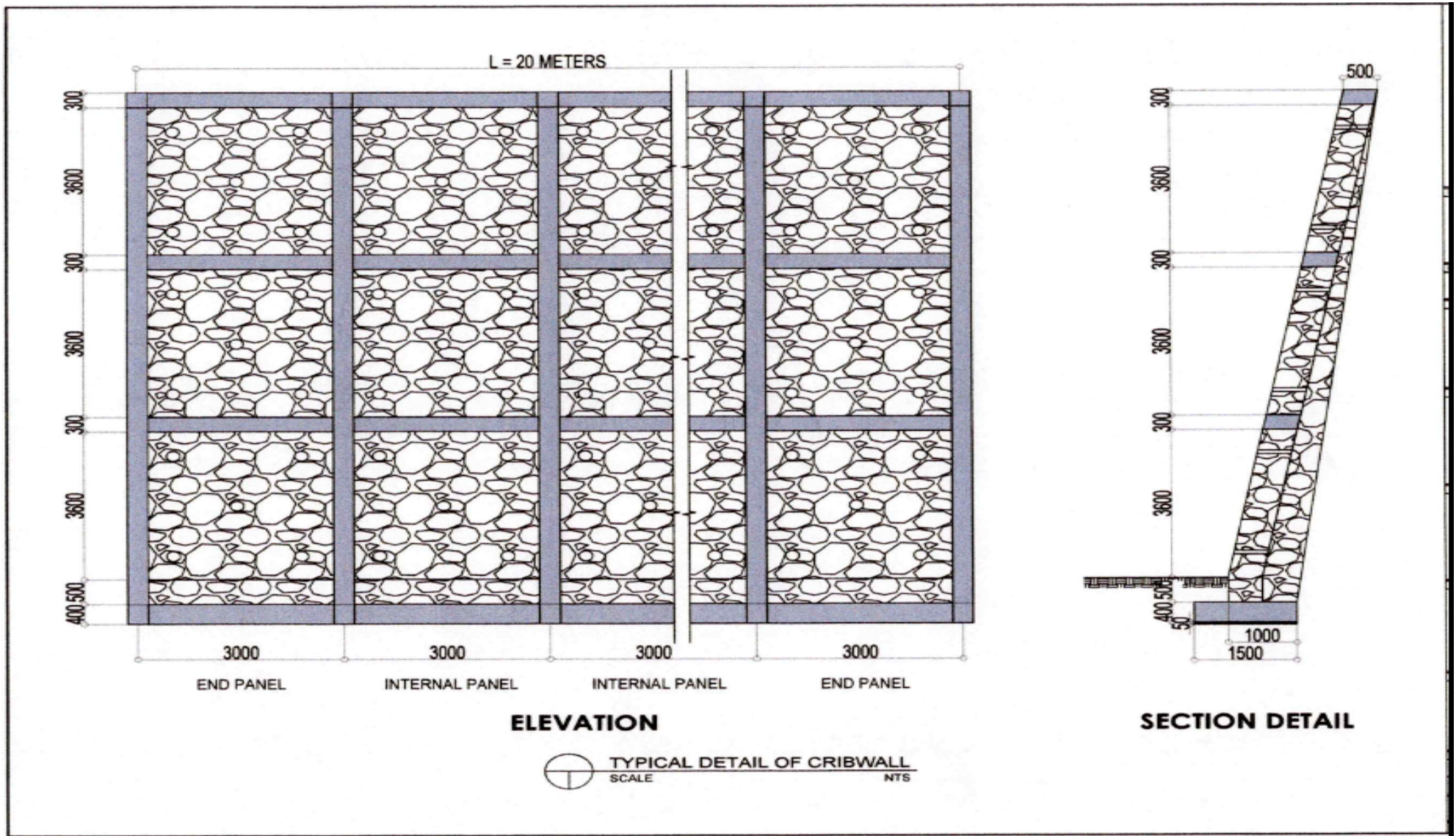
APPROVED BY:

PROJECT TITLE:

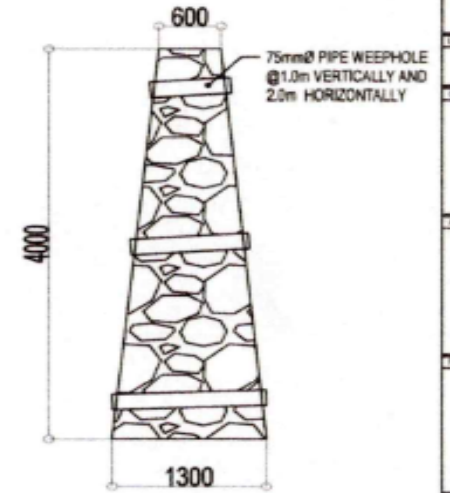
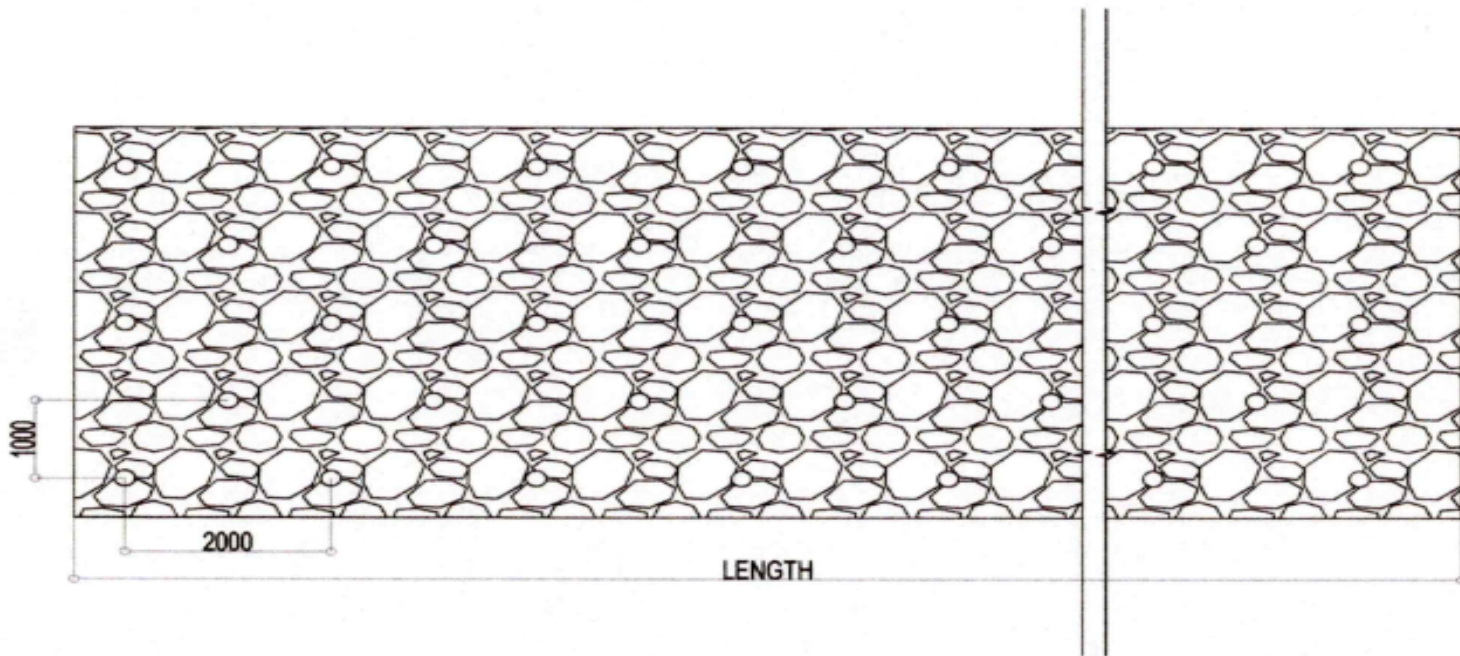
OWNER:

SHEET NO.:

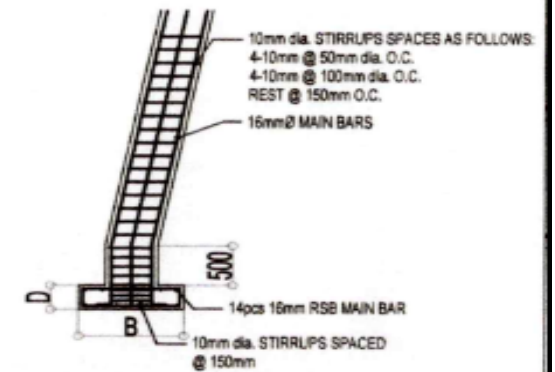
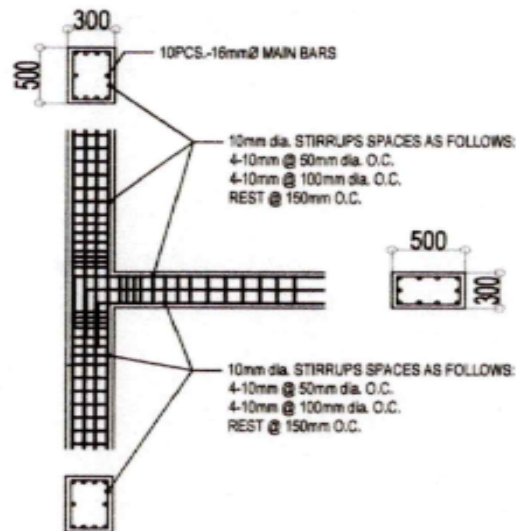
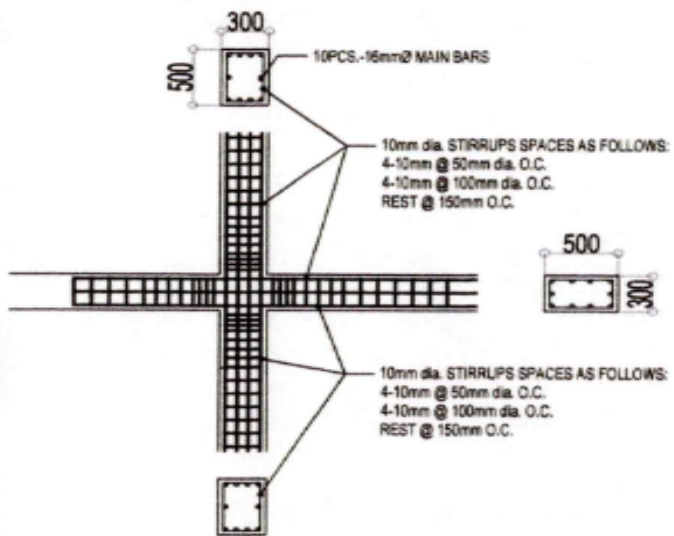
Lot 6: SAYAPOT ELEMENTARY SCHOOL








**TYPICAL DETAIL OF STONE MASONRY**  
 SCALE NTS



**FOOTING DETAIL**

**COLUMN - BEAM DETAIL**

TYPICAL DETAIL OF CRIBWALL  
SCALE NTS

## ***Section VIII. Bill of Quantities***

### **Notes on the Bill of Quantities**

#### **Objectives**

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

#### **Daywork Schedule**

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

#### **Provisional Sums**

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

### **Signature Box**

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

**Lot 1: TAM-AN ELEMENTARY SCHOOL**

**PROGRAM OF WORKS**

**DETAILED COST ESTIMATE**

(TOTAL CONSTRUCTION COST/ ABC)

QRF 2024 - CAR - IFUGAO - 002

PROJECT : CONSTRUCTION OF SLOPE AT TAM- AN ELEMENTARY SCHOOL

SCHOOL : TAM AN ELEMENTARY SCHOOL

LOCATION : BANAUE, IFUGAO

OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 180 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.1	Temporary Facilities	6.00	Month									
B.	<b>Other General Requirements</b>											
SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	6.00	Each									
C.	Mobilization and Demobilization	1.00	Ls									
1	<b>Earthworks</b>											
1 (b)	Structural Excavation	511.20	cu m									
1 (c)	Backfilling of Excavated Materials	651.00	cu m									
1 (e)	Embankment	960.00	cu m									
	<b>CONSTRUCTION OF RETAINING WALL</b>											
2	Structural Concrete (Retaining Wall)	477.72	cu m									
3	<b>Rebar Works</b>											
3a	Reinforcing Steel Bar, Grade 40	11971.00	kg									
3a	Reinforcing Steel Bar, Grade 33	15968.00	kg									
4	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	1418.84	sq.m									
	<b>CONSTRUCTION OF GROUTED RIPRAP</b>											
	Grouted Riprap	192.00	cu m									
	<b>TOTAL CONSTRUCTION COST</b>											

Prepared by:

\_\_\_\_\_  
 Contractor or Authorized Representative  
 Printed name and signature

## PROGRAM OF WORKS

### BILL OF QUANTITIES

QRF 2024 - CAR - IFUGAO - 002

School	: TAM AN ELEMENTARY SCHOOL	Date:	
School I.D	: 135829	Budget Allocation:	
Region	: CAR	Engineering and Administrative Overhead:	
Division	: IFUGAO	Approved Budget for the Contract:	
Project Title	:	Completion Period:	
<b>CONSTRUCTION OF SLOPE AT TAM- AN ELEMENTARY SCHOOL</b>		<b>Minimum Required Manpower:</b>	
		General Foreman	Welder
		Helper	Mason Painter
Location	BANAUE, IFUGAO	<b>Minimum Required Equipment:</b>	
		Hand Tools	Welding Machine
		One-Bagger Mixer	Bar Cutter Bar Bender

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)		(3)	(4)	(5)	(6)	(7) (6) / (5)	(8)	(9) (8) / (5)
A.1	<b>Temporary Facilities</b>							
B.	Other General Requirements		Month	6.00				
B.1	<b>Fire Safety Inspection Certificate (FSIC)</b>							
1.00	Project Billboard		Amount	1.00				
SPL 2	Construction Safety and Health		Each	6.00				
C.	Mobilization and Demobilization		Ls	1.00				
1.0000	<b>Earthworks</b>							
1 (b)	Structural Excavation		cu m	511.20				
1 (c)	Backfilling of Excavated Materials		cu m	651.00				
1 (e)	Embankment		cu m	960.00				
	<b>Construction Of Grouted Riprap</b>							
	Grouted Riprap		cu m	192.00				
	<b>Construction of Retaining Wall</b>							
2.0000	<b>Concreting Works</b>							
2 (b)	Structural Concrete		cu m	477.72				
3.0000	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	11,971.00				
3 (a)	Reinforcing Steel Bar, Grade 33		kg	15,968.00				
4.0000	<b>Formworks</b>							
4 (a)	Installation and Removal of Formworks		sq.m	1,418.84				
					-	Total Construction Cost		-

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature



Lot 2: POLOD PRIMARY SCHOOL

**PROGRAM OF WORKS**

**DETAILED COST ESTIMATE**  
 (TOTAL CONSTRUCTION COST/ ABC)  
**QRF 2024 - CAR - IFUGAO - 001**

PROJECT : CONSTRUCTION OF SLOPE AT POLOD PRIMARY SCHOOL  
 SCHOOL : POLOD PRIMARY SCHOOL  
 LOCATION : HUNGDUAN, IFUGAO  
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : **120 CD**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.1	Temporary Facilities	4.00	Month									
<b>B.</b>	<b>Other General Requirements</b>											
SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	4.00	Each									
C.	Mobilization and Demobilization	1.00	Ls									
<b>1</b>	<b>Earthworks</b>											
1 (b)	Structural Excavation	87.80	cu m									
1 (e)	Embankment	75.00	cu m									
	<b>CONSTRUCTION OF RETAINING WALL</b>											
2	Structural Concrete (Retaining Wall)	56.80	cu m									
<b>3</b>	<b>Rebar Works</b>											
3a	Reinforcing Steel Bar, Grade 40	1532.00	kg									
3a	Reinforcing Steel Bar, Grade 33	1391.00	kg									
<b>4</b>	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	227.63	sq.m									
	<b>CONSTRUCTION OF GROUTED RIPRAP</b>											
	Grouted Riprap	47.25	cu m									
	<b>TOTAL CONSTRUCTION COST</b>										-	

Prepared by:

\_\_\_\_\_  
 Contractor or Authorized Representative  
 Printed name and signature

# PROGRAM OF WORKS

## BILL OF QUANTITIES

QRF 2024 - CAR - IFUGAO - 001

School	: POLOD PRIMARY SCHOOL	Date:		
School I.D	: 135859	Budget Allocation:		
Region	:CAR	Engineering and Administrative Overhead:		
Division	:IFUGAO	Approved Budget for the Contract:		
Project Title	:	Completion Period:	120 days	
<b>CONSTRUCTION OF SLOPE AT POLOD PRIMARY SCHOOL</b>		<b>Minimum Required Manpower:</b>		
		General Foreman	Laborer	
		Skilled Laborer		
Location	HUNGDUAN, IFUGAO	<b>Minimum Required Equipment:</b>		
		Hand Tools		
		One-Bagger Mixer	Bar Cutter	

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)		(3)	(4)	(5)	(6)	(7) (6) / (5)	(8)	(9) (9) / (5)
A.1	Temporary Facilities		Month	4.00				
B.	<b>Other General Requirements</b>							
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Each	4.00				
C.	Mobilization and Demobilization		Ls	1.00				
1.0000	<b>Earthworks</b>							
1 (b)	Structural Excavation		cu m	87.80				
1 (e)	Embankment		cu m	75.00				
	<b>CONSTRUCTION OF RETAINING WALL</b>							
2.0000	<b>Concreting Works</b>							
2.0000	Structural Concrete (Retaining Wall)		cu m	56.80				
3.0000	<b>Rebar Works</b>							
3a	Reinforcing Steel Bar, Grade 40		kg	1532.00				
3a	Reinforcing Steel Bar, Grade 33		kg	1,391.00				
4.0000	<b>Formworks</b>							
4 (a)	Installation and Removal of Formworks		sq.m	227.63				
	<b>CONSTRUCTION OF GROUDED RIPRAP</b>							
	Grouted Riprap		cu m	47.25				
					-	<b>Total Construction Cost</b>		-

Prepared by:

\_\_\_\_\_  
 Contractor or Authorized Representative  
 Printed name and signature

**Lot 3: DOÑA NICASIA PUYAT ELEMENTARY SCHOOL**

**PROGRAM OF WORKS**

**BILL OF QUANTITIES**

**CAR - BAGUIO CITY - 2600**

School	: DOÑA NICASIA PUYAT ELEMENTARY SCHOOL	Date:	September 19, 2024
School I.D		Budget Allocation:	2,500,000.00
Region	: CAR	Engineering and Administrative Overhead:	
Division	: BAGUIO	Approved Budget for the Contract:	-
Project Title:		Completion Period:	CD 120.00
REHABILITATION OF SLOPE PROTECTION AT DOÑA NICASIA PUYAT ES		Minimum Required Manpower:	
		General Foreman	Unskilled Laborer
		Skilled Laborer	
Location : EAST MODERN SITE, BAGUIO CITY		Minimum Required Equipment:	
		-Dump truck (3.0 cu.m)	PC 30 Backhoe or any model with the same bucket capacity and with breaker
		-Plate compactor	-One bagger concrete mixer
		-Concrete vibrator	-Bar bender
		-Speed cutter	-Dump truck (6.0 cu.m)
		-Welding machine	
		-Grinding machine	

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<b>Other General Requirements</b>							
B.1.	Offices, Shops, Stores and Workmens Accomodation for contractor		l.s	1.00				
B.5.	Project Bollboard/Signboard		l.s	1.00				
B.7(2)	Occupational Safety and Health Program		l.s	1.00				
B.9	Mobilization/Demobilization		l.s	1.00				
	<b>Removal of Structures and Obstructions</b>							
101(1)	Removal of existing Structures and Obstructions		l.s	1.00				
	<b>Excavation</b>							
102(4)	Surplus Unclassified Excavation		cu.m	201.69				
104(7)	Embankment from structure excavation		cu.m	86.40				
	<b>Aggregate Subbase Basecourse</b>							
1 (d)	Aggregate SubBase course		cu.m	5.53				
	<b>Riprap and Grouted Riprap</b>							

Signature Box:  
*(Insert signature of authorized representative)*

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 (d)	Grouted Riprap Class A (40% Stone available on site)		cu.m	249.22				
2.0000	<b>Concreting works</b>							
2 (a)	Structural Concrete-Cribwall		cu.m	33.74				
3.0000	<b>Rebar works</b>							
3 (a)	Reinforcing Steel (Deformed)-Cribwall		kg.	3,958.96				
4.0000	<b>Formworks</b>							
4 (a)	Formworks and Falseworks		sq.m	187.20				
5.0000	<b>Welding works</b>							
5 (b)	Fence		l.m	40.10				
Total Construction Cost								-

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature

## PROGRAM OF WORKS

### DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

CAR - BAGUIO CITY - 2600

PROJECT REHABILITATION OF SLOPE PROTECTION AT DOÑA NICASIA PUYAT ES

SCHOOL : DOÑA NICASIA PUYAT ELEMENTARY SCHOOL

LOCATION : EAST MODERN SITE, BAGUIO CITY

OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 120 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
	<b>Other General Requirements</b>											
B.1.	Offices, Shops, Stores and Workmens Accomodation for contractor	1.00	Ls									
B.5.	Project Bollboard/Signboard	1.00	Ls									
B.7(2)	Occupational Safety and Health Program	1.00	Ls									
B.9	Mobilization/Demobilization	1.00	Ls									
	<b>Removal of Structures and Obstructions</b>											
101(1)	Removal of existing Structures and Obstructions	1.00	Ls									
	<b>Excavation</b>											
102(4)	Surplus Unclassified Excavation	201.69	cu.m									
104(7)	Embankment from structure excavation	86.40	cu.m									
	<b>Aggregate Subbase Basecourse</b>											
1 (d)	Aggregate SubBase course	5.53	cu.m									
	<b>Riprap and Grouted Riprap</b>											
1 (d)	Grouted Riprap Class A (40% Stone available on site)	249.22	cu.m									
2.0000	<b>Concreting works</b>											
2 (a)	Structural Concrete-Cribwall	33.74	cu.m									

Signature Box:

*(Insert signature of authorized representative)*

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
3.0000	<b>Rebar works</b>											
3 (a)	Reinforcing Steel (Deformed)-Cribwall	3,958.96	kg.									
4.0000	<b>Formworks</b>											
4 (a)	Formworks and Falseworks	187.20	sq.m									
5.0000	<b>Welding works</b>											
5 (b)	Fence	40.10	l.m									
	<b>TOTAL CONSTRUCTION COST</b>			-							-	

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature



## PROGRAM OF WORKS

### DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

CAR - BAGUIO CITY - 2600

PROJECT REHABILITATION OF SLOPE PROTECTION AT PACDAY QUINIO ELEMENTARY SCHOOL

SCHOOL : PACDAY QUINIO ELEMENTARY SCHOOL

LOCATION : ASIN ROAD, BAGUIO CITY

OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION :

60 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
<b>B.</b>	<b>Other General Requirements</b>											
B.1.	Offices, Shops, Stores and Workmens	1.00	l.s									
B.5.	Project Bollboard/Signboard	1.00	l.s									
B.7(2)	Occupational Safety and Health Progr	1.00	l.s									
B.9	Mobilization/Demobilization	1.00	l.s									
SPL.1	Hauling of Construction Materials	70.54	cu.m									
SPL.2	Hauling out of waste (unclassified)	30.60	cu.m									
1.0000	<b>Earthworks</b>											
1 (a)	Removal of existing Structures and Ob	1.00	l.s.									
1 (b)	Structure Excavation (Common Soil)	30.60	cu.m									
1 (c)	Aggregate Basecourse	1.50	cu.m									
	<b>Bank and Slope Protection Works</b>											
1 (d)	Grouted Riprap Class A	33.00	cu.m									
2.0000	<b>Concreting works</b>											
2 (a)	Structural Concrete-Cribwall	5.04	cu.m									
2 (b)	Concrete Pathway	15.00	sq.m									
3.0000	<b>Rebar works</b>											
3 (a)	Reinforcing Steel (Deformed)-Cribwall	865.45	kg.									
4.0000	<b>Formworks</b>											
4 (a)	Formworks and Falseworks	25.08	sq.m									
5.0000	<b>Masonry works</b>											
5 (a)	Concrete Fence including Post	24.00	sq.m									
	<b>Finishing Works</b>											
5 (b)	Cement Plaster Finish	40.00	sq.m									
	<b>TOTAL CONSTRUCTION COST</b>											

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature



Lot 5: KIWAS INTEGRATED SCHOOL

**PROGRAM OF WORKS**  
**BILL OF QUANTITIES**

School	: KIWAS INTEGRATED SCHOOL	Date:	
School I.D	:	Budget Allocation:	
Region	:CAR	Engineering and Administrative Overhead:	
Division	:BENGUET	Budget for the Contract:	
Project Title	:	Completion Period:	180CD
<b>CONSTRUCTION OF SLOPE PROTECTION, DRAINAGE CANAL, AND PERIMETER FENCE</b>		<b>Minimum Required Manpower:</b>	
		Project Engineer	Skilled Workers Welder
		General Foreman	Painter Helpers
		Safety Officer	Steel Man
Location Tadiangan, Tuba, Benguet		<b>Minimum Required Equipment:</b>	
		Hand and Power Tools	Welding Machine Dump Truck
		One-Bagger Mixer	Bar Cutter Excavator

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost (8) / (5)	Adjusted Total Cost (9)
					Total Cost (6)	Unit Cost (7) / (5)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A.	<b>Facilities for the Engineer</b>							
A.1	Temporary Facilities		Month	6.00				
B.	<b>Other General Requirements</b>							
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	6.00				
C.	<b>Mobilization and Demobilization</b>							
C.1	Mobilization and Demobilization		Ls	1.00				
<b>SLOPE PROTECTION ( CRIBWALL) L=35M, H=7.5M</b>								
1.0000	<b>Earthworks</b>							
1 (a)	Clearing and Grubbing		sq.m	736.83				
1 (b)	Removal of Structures and Obstruction		sq.m	5.40				
1 (c)	Structural Excavation		cu m	101.06				
1 (d)	Gravel Bedding G-1		cu m	2.12				
1 (e)	Backfilling and Compaction		cu.m	268.34				
2.0000	<b>Concreting Works Class "A"</b>							
2 (a)	Structural Concrete (Footing)		cu.m	12.71				
2 (b)	Structural Concrete (Beam, Column)		cu m	24.05				
3.0000	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40		kgs	6,631.49				
4.0000	<b>Formworks</b>							
4 (a)	Installation and Removal of Formworks		sq.m	256.48				
5.0000	<b>Grouted Riprap Class "A"</b>							
2 (a)	Structural Concrete (Riprap)		cu.m	431.76				
12 (a)	DRAIN PIPE (PVC Weepholes for Slope Protection)		ls	1.00				
21 (c)	Boulders		cu.m	453.35				
6.0000	<b>Parapet Wall</b>							
2 (a)	STRUCTURAL CONCRETE (20.68MPa CLASS A - 28 DAYS) Parapet Wall		cu.m	9.20				
3 (a)	Reinforcing Steel Bar, Grade 40		kgs	1,851.24				
4 (a)	Installation and Removal of Formworks		sq.m	42.00				

Signature Box:

*(Insert signature of authorized representative)*

<b>RETAINING WALL; L=3M H=3M, L=3M H=2.5M, L=3M H=2M, L=15M H=7M</b>							
1.0000	<b>Earthworks</b>						
1 (a)	Clearing and Grubbing		sq.m	420.00			
1 (b)	Structural Excavation		cu.m	123.90			
1 (e)	Backfilling and Compaction		cu.m	211.80			
2.0000	<b>Concreting Works Class "A"</b>						
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)		cu.m	118.80			
2 (d)	LEAN CONCRETE (Class "B" - 16.50 Mpa)		cu.m	5.68			
3.0000	<b>Rebar Works</b>						
3 (a)	Reinforcing Steel Bar, Grade 40		kgs	4,320.00			
3 (b)	Reinforcing Steel Bar, Grade 60		kgs	5,404.00			
4.0000	<b>Formworks</b>						
4 (a)	Installation and Removal of Formworks		sq.m	274.56			
12.0000	<b>Sanitary Works</b>						
12 (a)	DRAIN PIPE (PVC Weepholes for Slope Protection)		ls	1.00			
<b>DRAINAGE CANAL; L=103M, W=0.60M, D=0.60M, T=0.10M</b>							
1.0000	<b>Earthworks</b>						
1 (c)	Structural Excavation		sq.m	83.43			
2.0000	<b>Structural Concrete (Class "A" - 20.68 Mpa, 28 days)</b>						
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)		cu.m	46.35			
3.0000	<b>Rebar Works</b>						
3 (a)	Reinforcing Steel Bar, Grade 40		kgs	1,346.65			
4.0000	<b>Formworks</b>						
4 (a)	Installation and Removal of Formworks		sq.m	247.20			
<b>PERIMETER FENCE; L=35M H=8' W=4'</b>							
2.0000	<b>Structural Concrete (Class "A" - 20.68 Mpa, 28 days)</b>						
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)		cu.m	19.31			
7.0000	<b>Steelworks</b>						
7 (a)	Metal Structure Accessories (Perimeter Fence)		kgs	2,342.20			
13.0000	<b>Painting Works</b>						
13 (a)	Metal Painting		sq.m	534.60			
<b>PERIMETER LIGHTING</b>							
10.0000	<b>Perimeter Light</b>						
10 (a)	Solar Perimeter Light		ls	1.00			
10 (b)	Streetlight Poles		ls	1.00			
<b>REPLACEMENT OF DAMAGED SEPTIC TANK</b>							
12.0000	<b>Sanitary Works</b>						
12 (c)	Three Chamber Septic Vault		lot	1.00			
					-	<b>Total Construction Cost</b>	-

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature

**PROGRAM OF WORKS**

**DETAILED COST ESTIMATE**  
(TOTAL CONSTRUCTION COST/ ABC)

PROJECT: CONSTRUCTION OF SLOPE PROTECTION,DRAINAGE CANAL,AND PERIMETER FENCE

LOCATION: : KIWAS INTEGRATED SCHOOL  
OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 180 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
				(5)	OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
						(6) + (7)	(5) x (8)	5% ((5) + (9))	(9) + (10)	(5) + (11)	(12) / (3)	
<b>A</b>	<b>Facilities for the Engineer</b>											
A.1	Temporary Facilities	6.00	Month									
<b>B</b>	<b>Other General Requirements</b>											
SPL1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	6.00	Month									
<b>C</b>	<b>Mobilization and Demobilization</b>											
C.1	Mobilization and Demobilization	1.00	L.s									
<b>SLOPE PROTECTION ( CRIBWALL) L=35M, H=7.5M</b>												
1.0000	<b>Earthworks</b>											
1 (a)	Clearing and Grubbing	736.83	sq.m									
1 (b)	Removal of Structures and Obstruction	5.40	sq.m									
1 (c)	Structural Excavation	101.06	cu.m									
1 (d)	Gravel Bedding G-1	2.12	cu.m									
1 (e)	Backfilling and Compaction	268.34	cu.m									
2.0000	<b>Concreting Works Class "A"</b>											
2 (a)	Structural Concrete (Footing)	12.71	cu.m									
2 (b)	Structural Concrete (Beam, Column)	24.05	cu.m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	6,631.49	kgs									
4.0000	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	256.48	sq.m									
5.0000	<b>Grouted Riprap Class "A"</b>											
2 (a)	Structural Concrete (Riprap)	431.76	cu.m									
12 (a)	DRAIN PIPE (PVC Weepholes for Slope Protection)	1.00	ls									
2 (c)	Boulders	453.35	cu.m									
6.0000	<b>Parapet Wall</b>											
2 (a)	STRUCTURAL CONCRETE (20.68MPa CLASS A - 28 DAYS) Parapet Wall	9.20	cu.m									
3 (a)	Reinforcing Steel Bar, Grade 40	1,851.24	kgs									
4 (a)	Installation and Removal of Formworks	42.00	sq.m									
<b>RETAINING WALL; L=3M H=3M, L=3M H=2.5M, L=3M H=2M,L=15M H=7M</b>												
1.0000	<b>Earthworks</b>											
1 (a)	Clearing and Grubbing	420.00	sq.m									
1 (c)	Structural Excavation	123.90	cu.m									
1 (e)	Backfilling and Compaction	211.80	cu.m									
2.0000	<b>Concreting Works Class "A"</b>											
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)	118.80	cu.m									
2 (d)	LEAN CONCRETE (Class "B" - 16.50 Mpa)	5.68	cu.m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	4,320.00	kgs									
3 (b)	Reinforcing Steel Bar, Grade 60	5,404.00	kgs									
4.0000	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	274.56	sq.m									
12.0000	<b>Sanitary Works</b>											
12 (a)	DRAIN PIPE (PVC Weepholes for Slope Protection)	1.00	ls									

Signature Box:

*(Insert signature of authorized representative)*

<b>DRAINAGE CANAL; L=103M,W=0.60M,D=0.60M, T=0.10M</b>												
1.0000	<b>Earthworks</b>											
1 (c)	Structural Excavation	83.43	cu.m									
2.0000	<b>Concreting Works Class "A"</b>											
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)	46.35	cu.m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	1,346.65	kgs									
4.0000	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	247.20	sq.m									
<b>PERIMETER FENCE; L=35M H=8' W=4'</b>												
2.0000	<b>Concreting Works Class "A"</b>											
2 (a)	Structural Concrete (Class "A" - 20.68 Mpa, 28 days)	19.31	cu.m									
7.0000	<b>Steelworks</b>											
7 (a)	Metal Structure Accessories (Perimeter Fence)	2,342.20	kgs									
13.0000	<b>Painting Works</b>											
13 (a)	Metal Painting	534.60	sq.m									
<b>PERIMETER LIGHTING</b>												
10.0000	<b>Perimeter Light</b>											
10 (a)	Solar Perimeter Light	1.00	ls									
10 (b)	Streetlight Poles	1.00	ls									
<b>REPLACEMENT OF DAMAGED SEPTIC TANK</b>												
12.0000	<b>Sanitary Works</b>											
12 (c)	Three Chamber Septic Vault	1.00	lot									
<b>TOTAL CONSTRUCTION COST</b>												

Prepared by:

\_\_\_\_\_  
 Contractor or Authorized Representative  
 Printed name and signature

Lot 6: SAYAPOT ELEMENTARY SCHOOL

**PROGRAM OF WORKS  
BILL OF QUANTITIES**

QRF 2024 (SLOPE PROTECTION) - CAR - MOUNTAIN PROVINCE - 001

School : SAYAPOT ELEMENTARY SCHOOL				Date:				
School I.D : 136374				Budget Allocation:				
Region : CAR				Engineering and Administrative Overhead:				
Division : MOUNTAIN PROVINCE				Approved Budget for the Contract:				
Project Title :				Completion Period: 90 C.D.				
CONSTRUCTION OF SLOPE PROTECTION (Protection of School Buildings)				Minimum Required Manpower:				
				Project Engineer		Carpenter	Steelman	
Location : Sayapot, Dacudac, tadian, Mountain Province				Minimum Required Equipment:				
				General Foreman		Mason	Unskilled Laborer	
				One-Bagger Concrete Mixer		Bar Cutter	Various Power Tools	
				Concrete Vibrator		Various Hand Tools		
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)
A.	<b>Facilities for the Engineer</b>							
A.1	Temporary Facilities		Month	3.00				
B.	<b>Other General Requirements</b>							
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	3.00				
C.	<b>Mobilization and Demobilization</b>							
C.1	Mobilization and Demobilization		Ls	1.00				
<b>CONSTRUCTION OF SLOPE PROTECTION (Protection of School Building)</b>								
1.0000	<b>Earthworks</b>							
1 (a)	Clearing and Grubbing		sq.m	367.78				
1 (b)	Structural Excavation		cu m	48.97				
1 (e)	Embankment from Structure Excavation		cu m	34.58				
1 (e)	Embankment from Common Borrow by Equipment (Cribwall)		cu m	74.15				
1 (d)	Gravel Bedding G-1 (Crib Wall)		cu m	1.52				
2.0000	<b>Concreting Works (3000 psi)</b>							
2 (b)	Structural Concrete (Cribwall Footing)		cu m	12.18				
2 (c)	Structural Concrete (Cribwall Columns and Beams)		cu m	22.70				
3.0000	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40 (Cribwall)		kg	5,339.85				
4.0000	<b>Formworks</b>							
4 (a)	Installation and Removal of Formworks (Cribwall)		sq.m	45.02				
0.0000	Stone Masonry		cu m	375.85				
					<b>Total Construction Cost</b>			

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature

## PROGRAM OF WORKS

### DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

**QRF 2024 (SLOPE PROTECTION) - CAR - MOUNTAIN PROVINCE - 001**

PROJECT : CONSTRUCTION OF SLOPE PROTECTION (Protection of School Buildings)

SCHOOL : SAYAPOT ELEMENTARY SCHOOL

LOCATION : Tadian, Mt. Province

OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : **90 CD**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
<b>A.</b>	<b>Facilities for the Engineer</b>											
A.1	Temporary Facilities	3.00	Month									
<b>B.</b>	<b>Other General Requirements</b>											
SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	3.00	Month									
<b>C.</b>	<b>Mobilization and Demobilization</b>											
C.1	Mobilization and Demobilization	1.00	Ls									
<b>CONSTRUCTION OF SLOPE PROTECTION (Protection of School Building)</b>												
1.0000	<b>Earthworks</b>											
1 (a)	Clearing and Grubbing	367.78	sq.m									
1 (b)	Structural Excavation	48.97	cu m									
1 (e)	Embankment from Structure Excavation	34.58	cu m									
1 (e)	Embankment from Common Borrow by Equipment (Cribwall)	74.15	cu m									
1 (d)	Gravel Bedding G-1 (Crib Wall)	1.52	cu m									
2.0000	<b>Concreting Works (3000 psi)</b>											
2 (b)	Structural Concrete (Cribwall Footing)	12.18	cu m									
2 (c)	Structural Concrete (Cribwall Columns and Beams)	22.70	cu m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40 (Cribwall)	5,339.85	kg									
4.0000	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks (Cribwall)	45.02	sq.m									
SPL	<b>Stone Masonry</b>											
	Stone Masonry	375.85	cu m									
	<b>TOTAL CONSTRUCTION COST</b>							-				

Prepared by:

Contractor or Authorized Representative  
Printed name and signature

## ***Section IX. Checklist of Technical and Financial Documents***

### **Notes on the Checklist of Technical and Financial Documents**

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

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

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

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

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

#### Technical Documents

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



Financial Documents

- (i) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

***Class "B" Documents***

- (j) 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**

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

Other documentary requirements under RA No. 9184

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

- (m) Duly accomplished Detailed Estimates Form:
- 1.1 Program of Works,
  - 1.2 Bill of Quantities,
  - 1.3 Detailed Unit Price Analysis (DUPA)
  - 1.4 Summary sheet indicating the unit prices of:
    - a. construction materials,
    - b. labor rates,
    - c. equipment rentals

- (n) Cash Flow by **Monthly**.  
used in coming up with the Bid; **and**

**Omnibus Sworn Statement (Revised)**  
***[shall be submitted with the Bid]***

---

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

**AFFIDAVIT**

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

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

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

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

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

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

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

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

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all

statements and information provided therein are true and correct;

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

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

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

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and

8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

- a. Carefully examining all of the Bidding Documents;
- b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
- c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
- d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].

9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

**10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall**

**be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

**IN WITNESS WHEREOF**, I have hereunto set my hand this \_\_ day of \_\_, 20\_\_ at \_\_\_\_\_, Philippines.

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

**[Jurat]**

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

**Bid Form for the Procurement of Infrastructure Projects**  
***[shall be submitted with the Bid]***

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**BID FORM**

Date : \_\_\_\_\_

Project Identification No. \_\_\_\_\_ :

To: *[name and address of Procuring Entity]*

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines<sup>1</sup> for this purpose;

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<sup>1</sup> currently based on GPPB Resolution No. 09-2020

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

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of:

\_\_\_\_\_

Date: \_\_\_\_\_

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

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

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

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

I/We, the undersigned, declare that:

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

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

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

**[Jurat]**

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



Republic of the Philippines  
Department of Education  
Cordillera Administrative Region  
Wangal, La Trinidad, Benguet

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## Site Inspection Certificate

**TO WHOM IT MAY CONCERN:**

THIS IS TO CERTIFY that \_\_\_\_\_ of \_\_\_\_\_ appeared for site inspection in relation to the **Construction of Slope Protection for various Schools in CAR (SDO Baguio City, Benguet, Ifugao and MT. Province), under LOT Number \_\_\_\_\_.**

Issued this \_\_\_\_\_ day of \_\_\_\_\_, 2024 at \_\_\_\_\_.

\_\_\_\_\_  
signature over printed name  
Position: \_\_\_\_\_  
Date: \_\_\_\_\_



## **BIDDER's Organizational Structure for the Contract**

Submit a Copy of the Organizational Chart that the Bidder intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Key Personnel required as stated in the Bid Data Sheet.

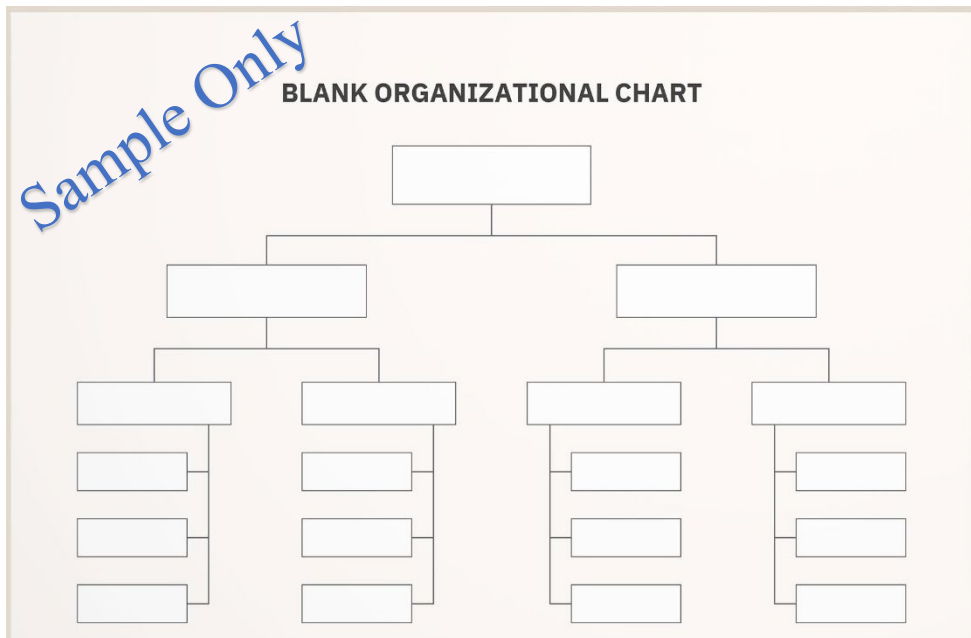
Attach the Proposed Functional Organizational Structure for the Contract as stated above.

Certified by: \_\_\_\_\_

(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_



**BIDDER’S CERTIFICATION ON THE EQUIPMENT FOR THE CONTRACT**

In compliance with the requirements for the bidding of the (Name of the Contract), this is to certify as true and correct, the following information:

We submit the enclosed List of Bidder’s Major Equipment Units Pledged to the Contract and certify that availability of said equipment listed therein which are owned, leased or under purchased agreement for the whole duration of the project;

We further certify and/or ensure that the all listed equipment are in good working/ operating condition;

We understand that any violation of the above-stated conditions shall be a sufficient ground for us to be disqualified from this Contract and future biddings of the Department of Education Regional Office- CAR.

Certified by: \_\_\_\_\_

(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

**LIST OF EQUIPMENT, OWNED OR LEASED AND/OR UNDER PURCHASE AGREEMENT, PLEDGED TO THE PROPOSED CONTRACT**

BIDDER'S NAME : \_\_\_\_\_  
 OFFICE ADDRESS : \_\_\_\_\_

Description	Model/Year	Capacity/ Performance/ Size	Plate No.	Motor No./ Body No.	Location	Conditio n	Proof of Ownership / Lease/ Purchase
A. Owned							
I.							
II.							
III.							
IV.							
V.							

B. Leased							
I.							
II.							
III.							
IV.							
V.							

C. Under Purchase Agreement							
I.							
II.							
III.							
IV.							
V.							

**Note:** This List must be supported by proof of ownership, lease and/or purchase agreement. For lease and purchase agreement, proof of ownership from the lessor or certification of availability of equipment from the vendor for the duration of the project.

Certified by: \_\_\_\_\_

(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

## **BIDDER'S CERTIFICATION ON KEY PERSONNEL FOR THE CONTRACT**

*Date of Issuance* \_\_\_\_\_

This is to certify as true and correct the following information:

1. We have engaged the services of the following professionals/ individuals to perform the duties of the positions indicated for this Contract if it is awarded to us:

<b>Key Personnel Position (Profession)</b>	<b>Name</b>	<b>Years of Experience</b>	
		Professional/ Individual	Minimum Required

2. We submit the endorsed Affidavits of Commitment to Work on the Contract of these professionals/ individuals.
3. We ensure that the abovementioned professionals/ individuals shall employ their best care, skill, and ability in performing the duties of their respective positions in accordance with the provisions of the Contract, including the Conditions of Contract, Specifications, and Drawings, and that they shall be personally present in the jobsite during the period of their assignment in the Contract.
4. In the event that we choose to replace any of the abovementioned professionals/ individuals, we shall submit to you in writing at least fourteen (14) days before making the replacement, for your approval, the name and bio-data of the proposed replacement whose experience shall be equal to or better than the person to be replaced.
5. We understand that any violation of the above stated conditions shall be a sufficient ground for us to be disqualified from this Contract and future biddings of the Procurement Service.

Certified by: \_\_\_\_\_

(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

**LIST OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT:**

Business Name : \_\_\_\_\_  
 Business Address : \_\_\_\_\_

<b>Key Personnel Position</b>				
1. Name				
2. Address				
3. Date of Birth				
4. Employed Since				
5. Relevant Experience (a) Description (b) Number of years				
6. Previous Employment				
7. Education				
8. PRC License/Accreditation from DOLE-OHSC (for the Health and Safety Officer)				
9. Cost of Biggest Project Handled				
10. Years of Experience in the Proposed Position				

**Note:** This List must be supported by individual Resume/Biodata of all personnel **(except for Laborers/Helpers, provided they have a valid ID during the project implementation)** and photocopy of PRC Licenses/National Certificate of the Employees.

Certified by: \_\_\_\_\_  
 (Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

## DETAILED UNIT PRICE ANALYSIS

Project :

Location:

Item: \_\_\_\_\_

Description: \_\_\_\_\_

Quantity: \_\_\_\_\_

Output: \_\_\_\_\_

Unit: \_\_\_\_\_

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php -</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)				_ % of D. -
F.	Contractor's Profit				_ % of D. -
G.	Value Added Tax (VAT)				_ % of (D+E+F) -
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php -</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>

Prepared by:

\_\_\_\_\_  
Contractor or Authorized Representative  
Printed name and signature

## STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Contract			Owner		Nature of Work	Contract's Role		Total Contract Value at Award	Estimated Completion Time	Estimated Contract Value at Completion	% of Accomplishment		Value of Outstanding Works
Name	Date	Duration	Name	Address		Description	% of Participation				Planned	Actual	
<b>GOVERNMENT</b>													
<b>PRIVATE</b>													
<b>Total</b>													

\*Provide Additional sheets if Necessary

**Note:** This Statement shall be supported with:

- A. For GOVERNMENT
  - 1. Notice of Award or Contract
  - 2. Notice to Proceed
  - 3. Certificate of Accomplishments signed by the owner or owner's representative **(Optional)**
  
- B. For PRIVATE
  - 1. Contract
  - 2. Certificate of Accomplishments signed by the owner or owner's representative **(Optional)**

Certified by: \_\_\_\_\_  
 (Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

**STATEMENT OF ALL GOVERNMENT AND PRIVATE CONTRACTS AWARDED BUT NOT YET STARTED**

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Name of Contract/ Location Project Cost	a. Owner Name b. Address c. Contact No/s.	Nature of Work	Contract's Role		Date Awarded
			Description	%	
Government					
Private					

**Note:** This statement shall be supported by:

\*Any of the following (Notice of Award/Contract/Notice to Proceed;

1. State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project for bidding) as of: (the day before the deadline for submission of bids)
2. If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.

Submitted by: \_\_\_\_\_  
(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_



**STATEMENT OF THE SINGLE LARGEST COMPLETED CONTRACT SIMILAR  
TO THE CONTRACT TO BE BID**

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Name of Contract	a. Owner Name b. Address c. Contact No/s.	Nature of Work	Contractor's Role		a. Amount of Award b. Amount of Completion	a. Date Awarded b. Date Completed
			Description	%		

**Note:** This statement shall be supported by:

1. Notice of Award and/or Contract and/or Notice to Proceed
2. Certificate of Completion and/or Certificate Final Acceptance
3. Contractor's Performance Evaluation System (CPES) Final Rating (**optional**)

Submitted by: \_\_\_\_\_  
(Printed Name & Signature of Authorized Representative)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

