

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATANGAS 1st DISTRICT ENGINEERING OFFICE
Brgy. Lanatan, Balayan, Batangas, Region IV-A



BIDDING DOCUMENTS FOR

25DB0218/

**Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang,
Calaca, Batangas/**

City of Calaca, Batangas/

Date of Opening of
Bids:

June 26, 2025/

Start Date for
Issuance of Bidding
Documents:

June 7, 2025/

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.



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INVITATION TO BID

Approved for Posting

1. The **Department of Public Works and Highways (DPWH), Batangas 1st District Engineering Office** through its Bids and Awards Committee now invites bids for the **Convergence and Special Support Program** under the **Basic Infrastructure Program (BIP) - Multi-Purpose Buildings/ Facilities to Support Social Services - Construction of Multi-Purpose Building (Covered Court), Brgy. Lagnas, Balayan, Batangas**.
- Cherwin D. Castillo**
Administrative Assistant I
District Public Information Officer (DPPIO)

1. Name of Contract : **CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Basic Infrastructure Program (BIP) - Multi-Purpose Buildings/ Facilities to Support Social Services - Construction of Multi-Purpose Building (Covered Court), Brgy. Lagnas, Balayan, Batangas**

Contract ID No. : **25DB0155**
Contract Location : **Balayan, Batangas**
Scope of Works : **Construction of Multi-Purpose Building**
Approved Budget for the Contract : **PHP 6,930,000.00**
Source of Funds : **GAA 2025**
Contract Duration : **180 calendar days**
Size Range : **Small B**
License Category : **C & D**
Cost of Bidding Documents : **PHP 10,000.00**

2. Name of Contract : **CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Basic Infrastructure Program (BIP) - Multi-Purpose Buildings/ Facilities to Support Social Services - Rehabilitation of Multi-Purpose Building at Barangay Balay Tigie, Nasugbu, Batangas**

Contract ID No. : **25DB0200**
Contract Location : **Nasugbu, Batangas**
Scope of Works : **Rehabilitation of Multi-Purpose Building**
Approved Budget for the Contract : **PHP 9,900,000.00**
Source of Funds : **GAA 2025**
Contract Duration : **210 calendar days**
Size Range : **Small B**
License Category : **C & D**
Cost of Bidding Documents : **PHP 10,000.00**

3. Name of Contract : **CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Basic Infrastructure Program (BIP) - Public Water Supply System - Construction of Public Water System, Brgy. Sabang, Tuy, Batangas**

Contract ID No. : **25DB0205**
Contract Location : **Tuy, Batangas**
Scope of Works : **Construction of Public Water Supply**
Approved Budget for the Contract : **PHP 4,950,000.00**
Source of Funds : **GAA 2025**
Contract Duration : **150 calendar days**
Size Range : **Small B**



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License Category : C & D
Cost of Bidding Documents : PHP 5,000.00

4. Name of Contract : **Repair/Maintenance of DPWH Buildings, various Building In Batangas 1st DEO Compound a) New Building, b) Multi-Purpose Building, c) MRF, Brgy. Lanatan, Balayan, Batangas**

Contract ID No. : **25DB0214**
Contract Location : **Balayan, Batangas**
Scope of Works : **Repair/Maintenance of Building**
Approved Budget for the Contract : **PHP 2,000,000.00**
Source of Funds : **SR2025-03-007417**
Contract Duration : **60 calendar days**
Size Range : **Small B**
License Category : **C & D**
Cost of Bidding Documents : **PHP 5,000.00**

5. Name of Contract : **Repair/Maintenance of Brgy. Putting Bato East - Brgy. Sinisian River Revetment 1, Brgy. Putting Bato, City of Calaca, Batangas**

Contract ID No. : **25DB0215**
Contract Location : **City of Calaca, Batangas**
Scope of Works : **Repair/Maintenance of Flood Control Structures**
Approved Budget for the Contract : **PHP 4,110,000.00**
Source of Funds : **SR2025-03-007488**
Contract Duration : **90 calendar days**
Size Range : **Small B**
License Category : **C & D**
Cost of Bidding Documents : **PHP 5,000.00**

6. Name of Contract : **Concreting of Brgy. Bambang FMR, Brgy. Bambang, Calaca, Batangas**

Contract ID No. : **25DB0217**
Contract Location : **City of Calaca, Batangas**
Scope of Works : **Concreting of FMR**
Approved Budget for the Contract : **PHP 3,731,250.00**
Source of Funds : **DA FMR FY2025**
Contract Duration : **60 calendar days**
Size Range : **Small B**
License Category : **C & D**
Cost of Bidding Documents : **PHP 5,000.00**

7. Name of Contract : **Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas**

Contract ID No. : **25DB0218**



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|----------------------------------|-----------------------------------|
| Contract Location | : City of Calaca, Batangas |
| Scope of Works | : Concreting of FMR |
| Approved Budget for the Contract | : PHP 9,950,000.00 |
| Source of Funds | : DA FMR FY2025 |
| Contract Duration | : 120 calendar days |
| Size Range | : Small B |
| License Category | : C & D |
| Cost of Bidding Documents | : PHP 10,000.00 |

8. Name of Contract : **Concreting of Brgy. Sta Ana FMR Phase II, Brgy. Sta Ana, Calatagan, Batangas**

| | |
|----------------------------------|------------------------------|
| Contract ID No. | : 25DB0219 |
| Contract Location | : Calatagan, Batangas |
| Scope of Works | : Concreting of FMR |
| Approved Budget for the Contract | : PHP 14,925,000.00 |
| Source of Funds | : DA FMR FY2025 |
| Contract Duration | : 150 calendar days |
| Size Range | : Small B |
| License Category | : C & D |
| Cost of Bidding Documents | : PHP 25,000.00 |

Bids received in excess of the ABC shall be automatically rejected at bid opening.

- Prospective Bidders should be (1) registered with and classified by the Philippine Contractors Accreditation Board (PCAB) with PCAB LICENSE Category and Classification as indicated on the above table. The description of an eligible Bidder is contained in the Bidding Documents, particularly, in Section II of Bidding Documents.

Contractors/applicants who wish to participate in this bidding are encouraged to enroll in the DPWH Civil Works Application (CWA) at the DPWH Procurement Service (PrS), 5th Floor, DPWH Bldg., Bonifacio Drive, Port Area, Manila, while those already enrolled shall keep their records current and updated. The Contractor's eligibility to bid on the project will be determined using the DPWH Contractor Profile Eligibility Process (CPEP) and subject to further post-qualification. Information on registration can be obtained from the PrS during working weekdays from 7:00 am to 4:00 pm or at the DPWH website www.dpwh.gov.ph.

- 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 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act".

The contract shall be awarded to the Lowest Calculated Responsive Bidder (LCRB) who was determined as such during post-qualification.

- Interested bidders may obtain further information from the **Department of Public Works and Highways (DPWH), Batangas 1st District Engineering Office** and inspect the Bidding Documents at **Brgy. Lanatan, Balayan, Batangas** during weekdays from **8:00 A.M. to 5:00 P.M.**
- A complete set of Bidding Documents may be acquired by interested bidders on **June 7, 2025 to June 26, 2025** until 10:00 a.m. from the address below and upon payment of the applicable fee for the Bidding Documents (amount Indicated on the above table).



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It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS), and the website of the Procuring Entity, provided that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The **Department of Public Works and Highways (DPWH), Batangas 1st District Engineering Office** will hold a Pre-Bid Conference on June 13, 2025 at 9:00 A.M. at DPWH Batangas 1st DEO, Brgy. Lanatan, Balayan, Batangas, which shall be open to prospective bidders.
- ~~Bid submission maybe done manually or electronically/online. However, bidders should only select one mode of submission, either manual or electronic. Similar to manual submission, the guidelines for the preparation and submission of an electronic bid are contained in the BDS.~~
7. Bids must be duly received by the BAC Secretariat at the address below for manual submission or at **electronicbids_batangas1@dpwh.gov.ph** for electronic submission **on or before 10:00 AM of June 26, 2025.**
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 15.**
9. Bid opening shall be on **June 26, 2025 at 10:00 A.M. at Department of Public Works and Highways (DPWH), Batangas 1st District Engineering Office, Brgy. Lanatan, Balayan, Batangas.** Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.
10. If at the time of the post – qualification procedure, the BAC verifies that any of the deficiencies is due to the contractor's fault or negligence pursuant to 34.3(b) (ii) of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184 (2016 RIRR of RA 9184), the Procuring Entity shall disqualify the contractor from the award without any right to reimburse fees and incidental cost paid for the procurement of infrastructure contract subject to be bid.
11. The **Department of Public Works and Highways (DPWH), Batangas 1st District Engineering 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 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

RANDY A. CABALLES

Head BAC Secretariat
DPWH Batangas 1st DEO
(043) 703-0004
btg1deo@gmail.com

LUISA M. SINOY

BAC Chairperson
DPWH Batangas 1st DEO
(043) 703-0004
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13. You may visit the following websites:

For downloading of Bidding Documents at www.dpwh.gov.ph.

For online bid submission at electronicbids_batangas1@dpwh.gov.ph

June 7, 2025

Approved by:


LUISA M. SINOY
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, **Department of Public Works and Highways (DPWH) BATANGAS 1st DEO, BRGY. LANATAN, BALAYAN, BATANGAS** invites Bids for the **CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS.**

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 *DA FMR 2025* in the amount of **₱9,950,000.00.**

2.2. The source of funding is:

a. NGA, the National Expenditure Program.

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 "T" 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. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

- 7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address at **DPWH Batangas 1st DEO, Brgy. Lanatan, Balayan, Batangas** and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

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

availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

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

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

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

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until **October 23, 2025**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC

shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 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.

Section III. Bid Data Sheet

| ITB Clause | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|--|---|--|-----------------|---|---|------------------|---|---|--------------------|--------------------------------------|--|-----------------------------|--------------------|--|---------|---|---|
| 5.2 | <p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p>(1) The following is the “Major Category of Works” involved in the contract to be bid:</p> <p>a. <u>Roads: Construction – PCCP (RCP)</u></p> <p>(2) The following are the “Similar Categories of Works” that shall be considered in the evaluation of the work experience required for the contract to be bid:</p> <p>a. <u>Roads : Rehabilitation – PCCP (RRP)</u></p> <p>b. <u>Roads: Construction – Tunnel – PCCP (RCTP)</u></p> | | | | | | | | | | | | | | | | | | |
| 7.1 | Not applicable. | | | | | | | | | | | | | | | | | | |
| 10.3 | <p>The required PCAB license for this contract is as follows:</p> <p>a. License Category : C & D</p> <p>b. License Classification: Small B /</p> | | | | | | | | | | | | | | | | | | |
| 10.4 | <p>The key personnel must meet the required minimum years of experience set below:</p> <table><tr><th>Key Personnel</th><th>Min. Years of Similar Experience (Same Position)</th><th>Min. Years of Total Work Experience (Same Position)</th></tr><tr><td>Project Manager</td><td>3</td><td>5</td></tr><tr><td>Project Engineer</td><td>3</td><td>5</td></tr><tr><td>Materials Engineer</td><td colspan="2">DPWH Accredited Materials Engineer I</td></tr><tr><td>Construction Safety Officer</td><td colspan="2">With COSH Training</td></tr><tr><td>Foreman</td><td>3</td><td>5</td></tr></table> <p>Accredited Safety Officer (Required Upon issuance of Notice of Award) subject to D.O 98 Series of 2014: Submission of Construction Safety and Health Program Approved by the Department of Labor and Employment (DOLE).</p> <p>First Aider w/ certificate of Training issued by RED CROSS in compliance to DOLE requirements for the approval of Construction Safety & Health Program (Required Upon issuance of Notice of Award) subject to D.O 98 Series of 2014 : Submission of Construction Safety and Health Program Approved by the Department of Labor and Employment (DOLE).</p> <p>The key personnel should meet the following number of years’ work experience.</p> <ol style="list-style-type: none">The experience means total years of civil works experience (of any nature in construction and engineering consultancy services)Include the Tax Identification Number (TIN) of the Key Personnel. Compliance to D.O. 98 series of 2016: Revised Guidelines on the Accreditation of Contractors’/Consultants’ Materials Engineer.Include the contact number of the Materials Engineer | Key Personnel | Min. Years of Similar Experience (Same Position) | Min. Years of Total Work Experience (Same Position) | Project Manager | 3 | 5 | Project Engineer | 3 | 5 | Materials Engineer | DPWH Accredited Materials Engineer I | | Construction Safety Officer | With COSH Training | | Foreman | 3 | 5 |
| Key Personnel | Min. Years of Similar Experience (Same Position) | Min. Years of Total Work Experience (Same Position) | | | | | | | | | | | | | | | | | |
| Project Manager | 3 | 5 | | | | | | | | | | | | | | | | | |
| Project Engineer | 3 | 5 | | | | | | | | | | | | | | | | | |
| Materials Engineer | DPWH Accredited Materials Engineer I | | | | | | | | | | | | | | | | | | |
| Construction Safety Officer | With COSH Training | | | | | | | | | | | | | | | | | | |
| Foreman | 3 | 5 | | | | | | | | | | | | | | | | | |

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|-------------------------------------|---|-----------------------|---|
| 10.5 | The minimum major equipment requirements are the following: | | |
| | Construction Equipment | Required No. of Units | Minimum Capacity/Unit |
| | Backhoe, SOLAR 220 LC-3 | 1 | 0.80 m ³ /1.04 yd ³ , 138HP |
| | Backhoe with Breaker, SOLAR 220 LC-3 | 1 | 0.80 m ³ /1.04 yd ³ , 138HP |
| | Bulldozer, DX175 | 1 | 167HP |
| | Chainsaw, HUSQVARNA 2100 CD with CR22, 7 ft Reach, 9 in Standard Blade | 1 | |
| | Cargo/Service Truck, All Models | 1 | 2-5 mt, 160HP |
| | Dump Truck, All Models | 2 | 12 yd ³ , 290HP |
| | Payloader, LX80-2C | 1 | 1.50 m ³ /1.95 yd ³ , 110HP |
| | Lowbed Truck | 1 | |
| | Motorized Road Grader, G710A | 1 | 140 HP |
| | Vibratory Roller, SD100DC | 1 | 10 mt, 125HP |
| | Water Truck/Pump, All Makes | 1 | 16000L, 360 HP |
| | Concrete Vibrator, Flexible Shaft Type 2" Head dia. with 5 Amperes Gasoline Drive Unit | 2 | |
| | Concrete Screeder, Wacker Truss Screed | 1 | 5.50 Hp |
| | Concrete Saw, 14" Blade dia. with 4 ¾" Cutting Depth 7.50 | 1 | |
| | Bar Cutter, 25 mm Maximum Rebar dia. (Grade 40), Single Phase | 1 | |
| | Joint Sealer Machine | 1 | |
| | Barricade Flasher Light (3volts, Battery Operated, Amber Color w/ lifespan consideration of 6 mos.) | 32 | |
| | Minimum Materials Testing Equipment for Small Contractors; | | |
| | Sieve, Std., 200 mm | 1 set | |
| | Diameter, opening 75 mm (3") | | |
| | Diameter, opening 63 mm (2 1/2") | | |
| | Diameter, opening 50 mm (2") | | |
| | Diameter, opening 37.5 mm (1 1/2") | | |
| | Diameter, opening 25.0 mm (1") | | |
| | Diameter, opening 19.0 mm (3/4") | | |
| | Diameter, opening 12.5 mm (1/2") | | |
| | Diameter, opening 9.5 mm (3/8") | | |
| | Diameter, opening 4.75 mm (No.4) | | |
| | Diameter, opening 2.36 mm (No.8) | | |
| | Diameter, opening 2.00 mm (No.10) | | |
| Diameter, opening 1.18 mm (No.16) | | | |
| Diameter, opening 0.600 mm (No.30) | | | |
| Diameter, opening 0.425 mm (No.40) | | | |
| Diameter, opening 0.300 mm (No.50) | | | |
| Diameter, opening 0.150 mm (No.100) | | | |
| Diameter, opening 0.075 mm (No.200) | | | |
| Pan, Brass, 200mm dia. X 50 mm deep | 1 unit | | |
| Cover, Brass, Sieve | 1 unit | | |
| Brush, Fine Sieve | 1 unit | | |
| Brush, Wire, Sieve | 1 unit | | |
| Mortar & Pestle | 1 unit | | |

| | | |
|--|--------|--|
| Atterberg Limit Test Set 1- Liquid Limit Device 1- Mixing Dish 1- Spatula, flexible 1- Graduated Cylinder, glass, 100 ml 24- Moisture Content can, 60ml, tin | 1 set | |
| Glass Plate, Plastic Limit | 1 unit | |
| Hammer, Modified Compaction | 1 unit | |
| Mold, Compaction, 152.4 mm diameter x 116.4 mm height | 1 unit | |
| Moisture Content Can, 225ml, tin | 1 unit | |
| Field Density Test Set 1- Sand Density Cone 1- Jug, Glass or Plastic, 4 – L capacity 1- Density Plate 1- Straight Edge 1- Spoon 1- 25 mm Chisel, Steel 1- 4-L Field Can 1- Mallet, rubber 1- Scoop, Sand | 1 set | |
| Auger, Post Hole, with two-m extension | 1 unit | |
| Cylinder, Glass, Double Graduated, 500ml cap. | 1 unit | |
| Bowl, Mixing, 250mm dia. x 90mm high | 1 unit | |
| Pan, Square, G.I. 600mm x 600mm x 75mm | 1 unit | |
| Spade or Shovel | 1 unit | |
| Pickaxe | 1 unit | |
| Crowbar | 1 unit | |
| Balance, Triple Beam, 311g cap. (0.01g sensitivity) | 1 unit | |
| Balance, Triple Beam, 2610g cap. (0.1g sensitivity) | 1 unit | |
| Balance, Heavy Duty Solution, 20kg cap. (1g sensitivity) | 1 unit | |
| Mold, Steel, Cylinder, 150mm x 300mm | 1 unit | |
| Mold, Steel Beam, 150mm x 150mm x 500mm | 1 unit | |
| Slump Test Set Slump Cone, Complete with base and tamping rod Trowel, Triangular or Rectangular blade, 90mmx180mm Scale | 1 set | |
| Thermometer, Metal, dial type, 0-250 °C | 1 unit | |
| Concrete Measure 0.014 cu.m. cap. (1/2 cu.ft.) | 1 unit | |
| Straight Edge, Steel 300mm long | 1 unit | |
| Concrete Mixer, Portable | 1 unit | |
| Pan, Brass, 200mm dia. X 50 mm deep | 1 unit | |
| <u>Please refer to D.O. 11, Series of 2017 for the minimum materials testing equipment and D.O. 127, Series of 2018, Strict Application of R.A. 9184 in the conduct of Post-Qualification of Bidders with Delayed On-Going Contracts with the DPWH.</u> | | |

| | |
|------|---|
| 15.1 | <p>The bid security shall be limited to a Bid Securing Declaration or one of the following forms in accordance with the following amounts:</p> <ol style="list-style-type: none"> 1. The amount of not less than <u>P199,000.00</u>, 2% of ABC, if bid security is in cash, cashier's / manager's check, bank draft / guarantee or irrevocable letter of credit; 2. The amount of not less than <u>P497,500.00</u> 5% of ABC, if bid security is in Surety Bond. |
| 19.2 | "Not Allowed." |
| 20 | No further instructions. |
| 21 | List 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 Department of Labor and Employment, and Precedence Diagram Method (PDM). |
| 22 | <p>Bid submission maybe done manually or electronically/online. However, bidders should only select one mode of submission, either manual or electronic.</p> <p>The address for receipt of Bids submitted manually is at DPWH Batangas 1st DEO, Brgy. Lanatan, Balayan, Batangas and electronically should be submitted at <u>electronicbids_batangas1@dpwh.gov.ph</u></p> <p>The deadline for receipt of Bids is on June 26, 2025 @ 10:00 a.m.</p> <p>For bids to be submitted electronically/online, the following procedures should be observed following D.O. 87-2020:</p> <ol style="list-style-type: none"> 1. Submission of electronic Official Receipt of purchase of the Bidding Documents <p>Prior to the deadline of submission of bids, the prospective bidders shall send an e-mail with subject "Official Receipt for [Insert Contract ID]" to <u>electronicbids_batangas1@dpwh.gov.ph</u>. Attached to the said e-mail is the copy of the Official Receipt of purchase of bidding documents in Portable Document File (PDF) format with file name in the format "<PCAB ID>_<CONTRACT ID>_OfficialReceipt.pdf".</p> <p>For example, the filename of the attached PDF containing the Official Receipt of the Contractor with PCAB ID No. 12345, who intends to participate in the bidding of Contract ID No. 20Z00123 shall be "12345_20Z00123_OfficialReceipt.pdf". Further, the e-mail subject would be "Official Receipt for 20Z00123".</p> <p>In case a prospective bidder originally intends to join the bidding as a Joint Venture (referred as "original bidder"), has been issued an Official Receipt of purchase of bidding documents and has submitted the electronic Official Receipt, but eventually decided to join the bidding with new members or as individual contractors (referred as "regrouped bidder"), or vice-versa, the "regrouped bidder" should purchase a new bidding document to be issued with the corresponding Official Receipt in their name and submit the electronic Official Receipt following the same procedures.</p> 2. Confirmation of the electronically submitted Official Receipt <ol style="list-style-type: none"> 2.1 An e-mail shall be received by a prospective bidder confirming its successful submission of the Official Receipt as required under Item 1. |

Only the electronic bids of bidders who have successfully submitted an electronic Official Receipt shall be accepted.

2.2 An e-mail shall also be received by a prospective bidder in instances where their sent e-mail related to Item 1:

- a. Has incorrect subject Contract ID, which means that a corresponding folder with the same Contract ID does not exist in the eBid Portal;
- b. Has no attachment;
- c. Has an attachment but is not in the prescribed format;
- d. Has more than one (1) attachment; or
- e. Was received after the deadline of bid submission.

For the foregoing cases, the prospective bidders should rectify/correct the noted deficiency/ies to comply with the requirements under Item 1 for its electronic bid to be accepted.

3. Preparation and submission of an electronic Bid

The prospective bidders shall prepare and submit their bids electronically following the steps prescribed under with D.O. 87 - 2020 in accordance with GPPB Resolution No. 09-2020 as follows:

- a. Following GPPB Resolution No. 09-2020, a bidder has the option to submit bid electronically. **However, If a bidder chooses to submit an electronic bid, the same bidder can no longer submit a bid manually for the same contract, and vice versa.**
- b. Similar to manual submission, prospective bidders shall prepare their bids in **two (2) file folders**, each for the Technical and Financial Components. The file name of the Technical and Financial Components folders should be in the format **<PCAB ID>_<CONTRACT_ID>_TECHNICAL** and **<PCAB ID>_<CONTRACT_ID>_FINANCIAL** (e.g. 12345 20Z00123 TECHNICAL, 12345 20Z00123 FINANCIAL).

Subsequently, each of the Technical and Financial Components file folders shall be **COMPRESSED, PASSWORD PROTECTED** and **NAMED** in the format **<PCAB ID>_<CONTRACT_ID>_TECHNICAL.zip (or .rar/.7z)** and **<PCAB ID>_<CONTRACT_ID>_FINANCIAL.zip (or .rar/.7z)**, respectively (e.g. 12345 20Z00123 TECHNICAL.zip, 12345 20Z00123 FINANCIAL.zip).

- c. Each file contained in the Technical and Financial Components file folders shall be in PDF format (either scanned or exported/published), with file name in the format **<PCAB ID>_<CONTRACT ID>_DescriptiveFilename.pdf** (e.g. 12345 20Z00123 PCABLicense.pdf, 12345 20Z00123 OmnibusSwornStatement.pdf).
- d. The compressed archive file folders of the Technical and Financial components shall be compiled in a **PASSWORD PROTECTED COMPRESSED ARCHIVE MAIN FILE FOLDER** with filename in the format **<PCAB>_<CONTRACT ID>_Bid** (e.g. 12345 20Z00123 Bid).

In case the total file size of the main archive file folder is more than the allowable size of an attachment per e-mail of the prospective bidder's e-mail service provider (e.g. Gmail, Yahoo Mail, Outlook), they shall need to split its electronic bid into two or more **PASSWORD PROTECTED COMPRESSED ARCHIVE MAIN FILE FOLDERS**.

- e. The e-mail submitting the prospective bidder's electronic bid should have a Subject in the format **"Bid Submission for [Insert Contract ID]"** (e.g. "Bid Submission for 20Z00123").

In case of multiple compressed archive main file folders, it shall be submitted in multiple e-mails, each with Subject in the format **"Bid Submission [Insert Number of main archive folder]/[Insert total number of main archive folders]"** (e.g. "Bid Submission 1/2 for 20Z00123" and "Bid Submission 2/2 for 20Z00123").

- f. The prospective bidder shall submit its electronic bid to **electronicbids_batangas1@dpwh.gov.ph** using the prospective bidder's e-mail address registered in the Civil Works Application (CWA). In case prospective bidders are not yet registered, they can use any e-mail address, subject to the verification of the BAC Secretariat.

4. **Modification of an electronic bid**

If a bidder wishes to modify its electronic bid, he may do so following the procedures in the manual submission of bid or he may choose to submit his modification electronically in the same format prescribed in the preparation and submission of an electronic bid, except that the subject of the e-mail submitting the bid modification shall be labelled **"Bid Modification X for <Contract ID>"**, where "X" represents the number of bid modification submitted. For example, the subject of an e-mail submitting a first bid modification for Contract ID No. 20Z00123 should be **"Bid Modification 1 for 20Z00123"**.

5. **Non-participation in the Bidding**

In case a prospective bidder that have purchased a bidding document decided not to participate, he may choose to submit his letter of non-participation manually or electronically. In case of electronic submission, the contractor shall send an e-mail with the Subject **"Non-participation for <Contract ID>"** with the letter of non-participation as attachment with file name **"<PCAB ID>_<CONTRACT ID>_Non-Participation.pdf"**. This e-mail should be sent to **electronicbids_batangas1@dpwh.gov.ph** before the deadline for bid submission.

6. **Withdrawal of Electronic Bid**

Bids may only be withdrawn prior the deadline for bid submission. In case of withdrawal of an electronic bid, the bidder shall send an e-mail with the subject **"Bid Withdrawal for <Contract ID>"** and the letter of bid withdrawal in pdf format with filename **"<PCAB ID>_<CONTRACT ID>_BidWithdrawal.pdf"** shall be attached. This e-mail should be sent to **electronicbids_batangas1@dpwh.gov.ph** before the deadline for bid submission.

7. **Opening of the electronic bid**

Only during the actual opening of bids shall the bidder disclose the passwords for his electronic bid. This can be done by the bidder's authorized representative verbally in person, through phone call, online platforms (e.g. videoconferencing,

webcasting), or through writing. In all cases, the bidders will have only three (3) attempts or fifteen (15) minutes, whichever comes first, to provide the correct password. Otherwise, the bidder shall be disqualified except in unforeseen justifiable circumstances. The bidder may also be subjected to the three-strike policy (D.O. 17, Series of 2015) as warranted by the circumstances.

If the bidder chooses to disclose the password through phone call, he should make sure that the contact numbers as recorded in the Civil Works Application are open when the BAC calls to ask for the password. The bidder may also choose to call the **BAC phone number: (043) 702 7595** during the bid opening time and wait for the opening of his bid for him to disclose the password. For online call/video calls, the bidder may call the BAC Messenger/Skype account (*to be announced*).

If the bidder chooses to attend the bid opening through online conference, the bidder should join the meeting using the following link **Zoom Meeting ID: 407 931 8543**.

If the bidder chooses to disclose the passwords through writing, the letters for password 1 (Main File Folder/Technical Component File Folder) and password 2 (Financial Component File Folder) should be enclosed in separate envelopes with the sender details (AMO, Bidder Name, Address) addressed to the BAC Chairperson, with the details of the bidding (Contract ID, Contract Name, Bid Opening Date and Time), signed and sealed, with a remark "Password [Insert 1 or 2]. Do not open before actual bid opening date and time".

All electronic bids (Password protected compressed archive main file folder/s) shall be opened first for the opening of the Technical Component compressed archive file folder/s. This shall be followed by the opening of the bids submitted manually for the opening of the Technical Component Envelopes. The same procedures apply for the Financial Component compressed archive file folder/s and financial component envelopes.

If the electronic bid or file within it was found to be damaged, could not be extracted or opened, the bid shall be considered "Failed".

If the electronic bid is not password-protected or is not in the required format, the bid shall still be accepted provided that the bidder acknowledges such condition. The BAC shall assume no responsibility for the misplacement of the contents of the contents of the improperly sealed or marked bid, or improperly compressed or password-protected folder, or for its premature opening.

8. File name convention in case of a Joint Venture Bidder

For Joint Venture (JV), the format of PCAB ID to be used by the bidder in naming their files, folders and archives shall be "JV-<PCAB ID of the Lead Member>". For example, if three (3) Contractors with PCAB ID Nos. 12345 (lead member), 67890, and 24680 entered into a JV, the PCAB ID they must use is "JV-12345".

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

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

1. Scope of Contract

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

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

2. Sectional Completion of Works

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

3. Possession of Site

- 4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
- 4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property (ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.

11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

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

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

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

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

Section V. Special Conditions of Contract

| GCC Clause | |
|------------|--|
| 2 | Not Applicable. |
| 4.1 | <p>The Procuring Entity shall give possession of the Site to the Contractor upon the receipt of the Notice to Proceed.</p> <p>The Start Date should not be later than seven (7) calendar days from its issuance date of receipt of the NOTICE TO PROCEED.</p> |
| 6 | Site Inspection Report. |
| 7.2 | In case of semi-permanent structures, such as buildings of types 1, 2 and 3 as classified under the National Building Code of the Philippines concrete/asphalt roads, concrete river control, drainage, irrigation lined- canals, river landing, deep wells, rock causeway, pedestrian overpass and other similar semi-permanent structures: Five (5) years. ✓ |
| 10 | No Day works are applicable to the Contract. |
| 11.1 | The Contractor shall submit the Program of Work / Schedule to the Procuring Entity's Representative within ten (10) calendar days from receipt of the Notice of Award. |
| 11.2 | The period between Program of Work updates is one (1) month or thirty (30) days. The amount to be withheld for late submission of an updated Program of Work is one percent, (1%) of every Progress Billing of the Contractor. |
| 12 | <p>The Funding Source is the DA FMR 2025✓</p> <p>Per Department Memorandum Circular No. 73 s. 2019 Executive Order No. 91 s. 2019, adopting the Cash Based Budgeting System Beginning Fiscal Year 2019, And For Other Purposes, the following are hereby directed:</p> <ul style="list-style-type: none"> a. All authorized appropriations shall be available for obligation and disbursement only until the end of each Fiscal Year (FY) b. Obligations incurred by the National Government within each FY shall be implemented during the same Fiscal Year (FY) c. Payments for obligations incurred shall be made until the end of the extended payment period (EPP), which shall be three (3) months after the end of the validity of appropriations against which they were obligated, unless another period has been determined by the Department of Budget and Management (DBM) upon consultation with relevant agencies. |
| 13 | The amount and schedule of the advance payment is fifteen percent, (15%) of the Contract amount in lump sum. |
| 14 | Materials and Equipment delivered on the site but not completely put in-place shall not be included for payment. |
| 15.1 | The date by which "As built" drawings are required is thirty (30) calendar days from completion of the project. |
| 15.2 | The amount to be withheld for failing to supply the as built drawings by the date required is 10 % of the final contract price. |

Section VI. Specifications

Notes on Specifications

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

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

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

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

Sample Clause: Equivalency of Standards and Codes

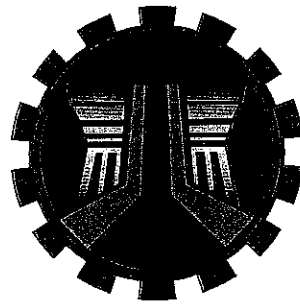
Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly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

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

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

Section VII. Drawings

[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A

BATANGAS 1st DISTRICT ENGINEERING OFFICE
BRGY. LANATAN, BALAYAN, BATANGAS

C.Y. 2025 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR
**CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG,
CALACA, BATANGAS**

CITY OF CALACA , BATANGAS

STA. 0+000.00 - STA. 0+550.00


LENGTH = 0.550 KM.
= 1.100 LANE KM.

SUBMITTED :


MISHAEL ALWYN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED :


LUISA M. SINOY
OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED :


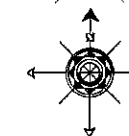
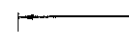
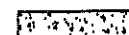
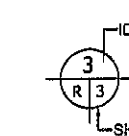



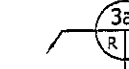

ABELARDO D. CALALO
DISTRICT ENGINEER

DATE:

INDEX OF DRAWINGS

| TITLE | SET NO. | SHEET NO. |
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SYMBOLS

| | |
|--|--------------------------------|
|  | LINE OF SYMMETRY OR SIMILARITY |
|  | NORTH ARROW |
|  | LIMITS OF DIMENSION |
|  | SECTION IN CONCRETE |
|  | IDENTIFICATION SYMBOL |
|  | TITLE TARGET |
|  | SUB - TITLE TARGET |
|  | SECTION TARGET |
|  | DETAIL REFERENCE TARGET |
| @ | AT |
| & | AND |
| CL | CENTER LINE |

ABBREVIATIONS

| | |
|--------|-----------------------|
| BEG | BEGINNING |
| EA | EACH |
| ELEV | ELEVATION |
| L | LENGTH |
| m. | METER |
| mm. | MILLIMETER |
| No. | NUMBER |
| O.C. | ON CENTERS |
| QTY | QUANTITY |
| R | RADIUS |
| STA | STATION |
| STRUCT | STRUCTURE |
| THK | THICK |
| W/ | WITH |
| & | AND |
| Ac | AREA OF CUT |
| Af | AREA OF FILL |
| Asm | AREA OF STONE MASONRY |



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BRGY. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:

CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY.
BAMBANG, CALACA, BATANGAS
CITY OF CALACA, BATANGAS

SHEET CONTENTS:

INDEX OF DRAWINGS
SYMBOLS
ABBREVIATIONS

DRAFTED:
EARL JARREU C. ATIENZA
ENGINEER II (JOB ORDER)

PREPARED:
SHERICA BIANCA D. MARCUAP
ENGINEER II

REVIEWED:
CHERRIE M. CARANDANG
ENGINEER II

DATE:

SUBMITTED:
MISHAEL ALWYN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED:
LUISA M. SINOY
OFFICER-IN-CHARGE,
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED:
ABELARDO D. CALAJO
DISTRICT ENGINEER

DATE:

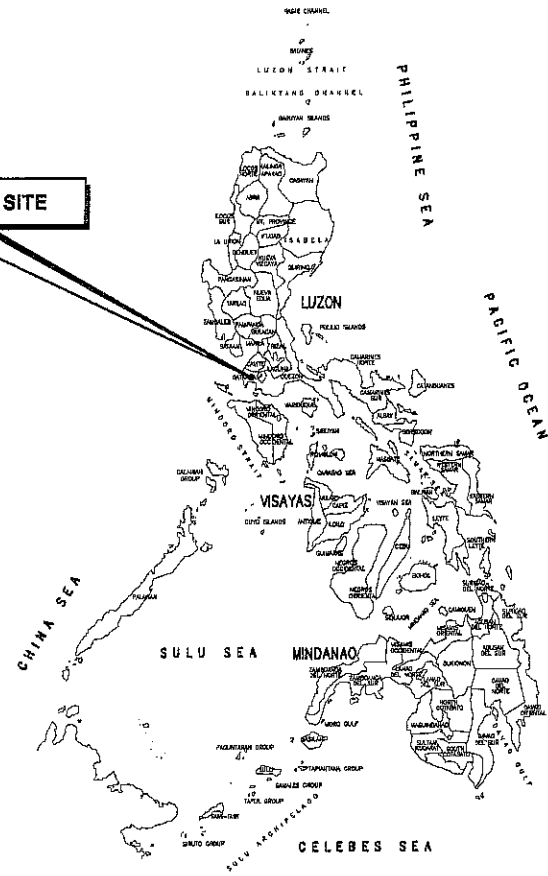
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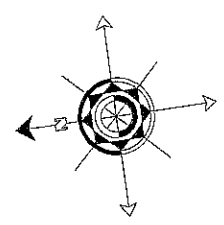
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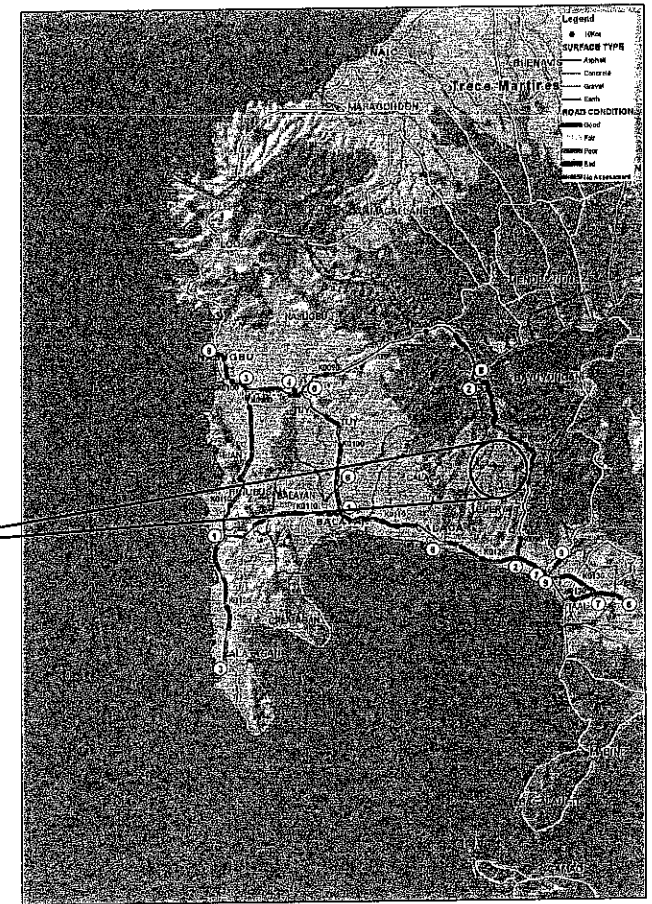
PROJECT SITE



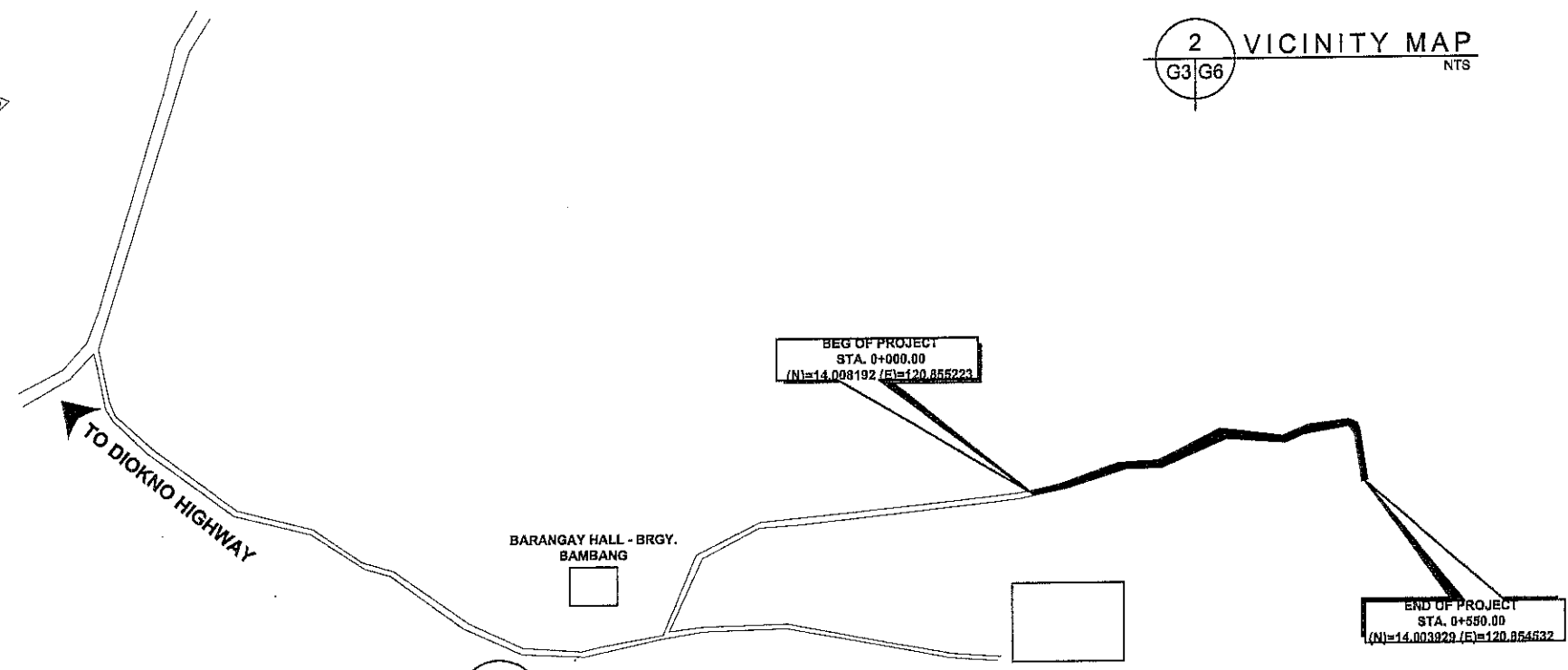
1 KEY MAP
G3/G6 NTS



PROJECT SITE



2 VICINITY MAP
G3/G6 NTS



3 LAYOUT PLAN
G3/G6 NTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BRGY. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:
CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY.
BAMBANG, CALACA, BATANGAS
CITY OF CALACA, BATANGAS

SHEET CONTENTS:
KEY MAP
VICINITY MAP
LAYOUT PLAN

DRAFTED:
EARL JARREU C. ATIENZA
ENGINEER (JOB ORDER)
PREPARED:
SHERICK BIANCA D. MARCUAP
ENGINEER II

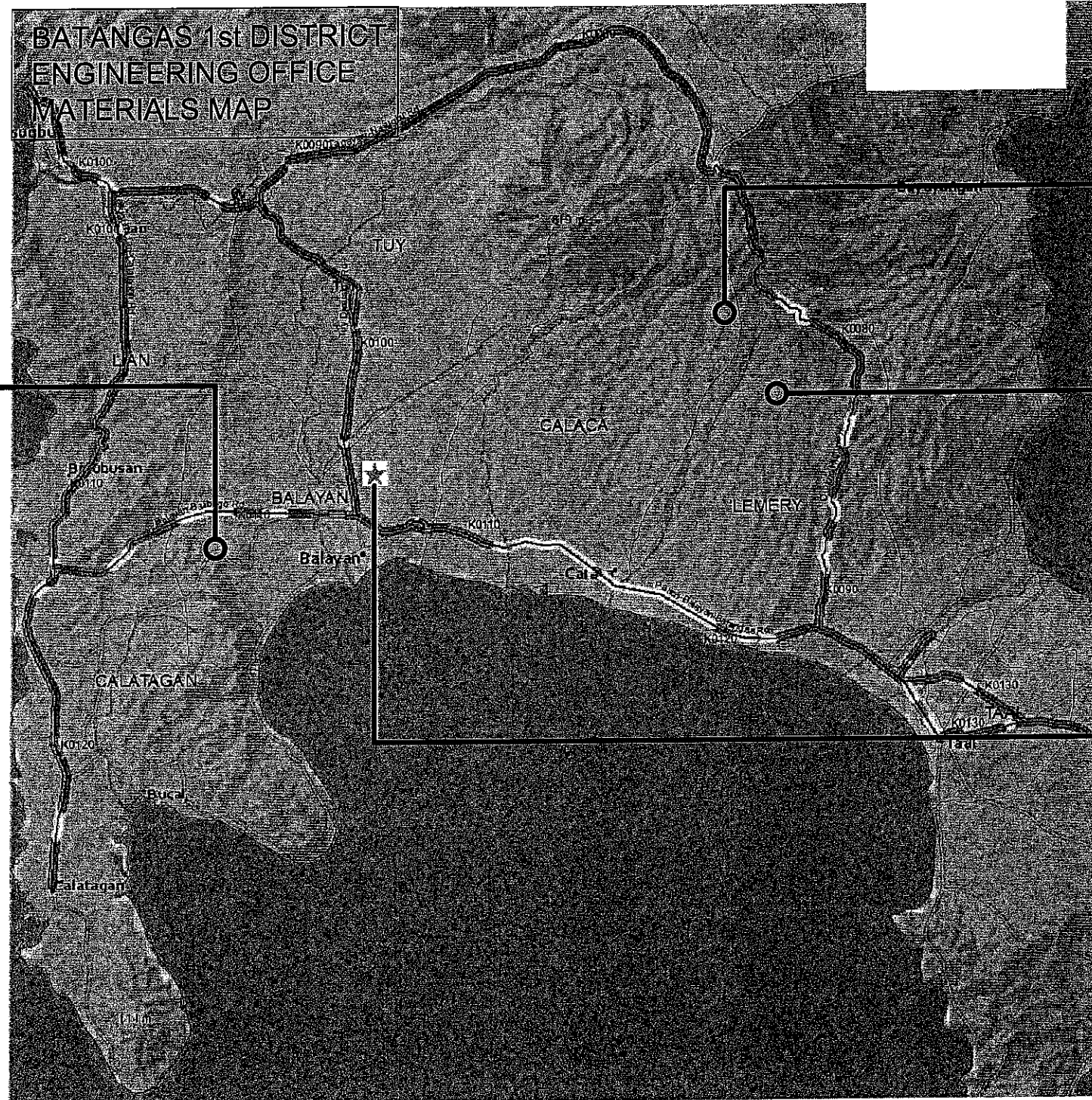
REVIEWED:
CHERRIE M. GARANDANG
ENGINEER II
DATE:

SUBMITTED:
MISHAEL RIVYNN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED:
LISA M. SINOY
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OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:
ABELARDO D. CALACO
DISTRICT ENGINEER
DATE:

SHEET NO. 3
PAGE NO. 15



1 MATERIALS MAP / DISPOSAL MAP
G4/G6 NTS

| |
|---|
| OTHER SOURCES: XYZ Construction & Supplies (Concrete Batching Plant) |
| LOCATION: a. Distance from source to DPWH Batangas 1st DEO = 10.80 km b. Station (km post): K0120+000 (Left Side) c. Barangay: Sinisian West d. Town/City: Lemery, Batangas |
| LIST OF PRODUCT AND PRODUCTION OUTPUT: Ready Mix Concrete (45 cu.m./hour) |
| RECORD OF OWNERSHIP: Private (XYZ Construction & Supplies) |
| LOCATION AND NAME OF SOURCE: a. Cornerstone Aggregates Inc. at Lucuhin, Calatagan, Batangas b. Pampanga (Vibro Sand) |
| NAME OF OFFICE AND LOCATION: Steel Asia Calaca, Batangas |
| DISTANCE FROM SOURCE TO PROJECT: 13.00 km |
| LIST OF PRODUCT AND PRODUCTION OUTPUT: Reinforcing Steel Bars Plain & Deformed G40 |
| RECORD OF OWNERSHIP: Private (Steel Asia) |
| LOCATION AND NAME OF SOURCE: Steel Asia, Calaca, Batangas |



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
Brgy. LANATAN BALAYAN, BATANGAS

| | | | | | | | | |
|--|---|--|--|---|---|--|--------------------------|---------------------|
| PROJECT NAME AND LOCATION: CONCRETING OF BRGY. BAMBANG PMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS CITY OF CALACA, BATANGAS | SHEET CONTENTS: MATERIALS MAP / DISPOSAL MAP | DRAFTED: EARL JARRE C. ATIENZA ENGINEER II (JOB ORDER) | REVIEWED: CHERRIE M. CATANDANG ENGINEER II | SUBMITTED: MISHAEL ALVYN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION | RECOMMENDED: LUIZA M. SINOY OFFICER-IN-CHARGE, OFFICE OF THE ASSISTANT DISTRICT ENGINEER | APPROVED: ABELARDO D. CALALO DISTRICT ENGINEER | SHEET NO. G 4 6 | PAGE NO. 4 15 |
|--|---|--|--|---|---|--|--------------------------|---------------------|

GENERAL NOTES

GENERAL

1. IN THE INTERPRETATION OF DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN. ALL DIMENSIONS, DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
2. UNLESS OTHERWISE INDICATED, ALL DIMENSION AND MEMBER SIZES ARE IN MILLIMETERS.

DESIGN CRITERIA

1. DESIGN SPECIFICATIONS
- 1.1 DPWH DESIGN GUIDELINES, CRITERIA, AND STANDARDS (DGCS), VOLUME 4, 2015 EDITION
- 1.2 AASHTO A POLICY ON GEOMETRIC DESIGN STANDARD OF HIGHWAYS AND STREETS, 2011, 8TH EDITION
- 1.3 AASHTO GUIDE ON PAVEMENT DESIGN, 1993 EDITION
- 1.4 HIGHWAY SAFETY DESIGN STANDARDS: PART 1 - ROAD SAFETY DESIGN, AND PART 2 - ROAD SIGNS AND PAVEMENT MARKINGS, 2012 EDITION
2. LOADINGS
- 2.1. LIVE LOAD ON ROAD= MS-18 (HS20-44)
- 2.2. OTHER LOADS= IN ACCORDANCE WITH AASTHO SPECIFICATIONS
3. WEIGHTS
- PLAIN CONCRETE = 22.80 KN/m³
- REINFORCED CONCRETE = 23.54 KN/m³
- STRUCTURAL STEEL = 76.91 KN/m³
- FILL MATERIALS: LOOSE = 17.27 KN/m³
- COMPACTED = 18.86 KN/m³
4. ALLOWABLE UNIT STRESSES
- PCC PAVEMENT: $f_c = 24.10 \text{ MPa (3,500 psi)}$
- COMPRESSION STRENGTH AT 14 DAYS
- STRUCTURAL CONCRETE: $f_c = 20.07 \text{ MPa (3,000 psi)}$
- COMPRESSION STRENGTH AT 28 DAYS
- REINFORCING STEEL: $f_y = 276.00 \text{ MPa (40,000psi)}$
- YIELD POINT
- SHEAR: $v = 0.78 \text{ MPa (110 psi)}$

MATERIALS

1. PCC PAVEMENT
- 24.10 MPa (3,500 psi) COMPRESSIVE STRENGTH AT 14 DAYS.
2. AGGREGATE BASE COURSE
- THIS ITEM SHALL CONSIST OF FURNISHING, PLACING AND COMPACTING AN AGGREGATE BASE COURSE ON A PREPARED SUBGRADE/SUB-BASE IN ACCORDANCE WITH THIS SPECIFICATION AND THE LINES, GRADES, THICKNESS AND TYPICAL CROSS- SECTIONS SHOWN ON THE PLANS, OR AS ESTABLISHED BY THE ENGINEER.
3. EMBANKMENT
- THE FILL MATERIALS SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 100% OF THE MAXIMUM DRY DENSITY. NO MATERIAL SHALL BE PLACED ON ANY PORTION OF EMBANKMENT FOUNDATION UNTIL SUCH FOUNDATION HAS BEEN CLEARED, APPROVED BY THE ENGINEER FOR PLACING FILL.
4. STONE MASONRY
- STONES SHALL BE CLEAN, HARD AND DURABLE AND SHALL BE SUBJECT TO THE ENGINEERS APPROVAL. ADOBE STONE SHALL NOT BE USED UNLESS OTHERWISE SPECIFIED. STONE SHALL HAVE A THICKNESS OF NOT LESS THAN 150MM AND WIDTHS OF NOT LESS THAN ONE AND ONE HALF TIMES THEIR RESPECTIVE THICKNESS, AND LENGTHS OF NOT LESS THAN ONE AND ONE HALF TIMES THEIR RESPECTIVE WIDTHS. EACH STONE SHALL BE OF GOOD SHAPE AND BE FREE OF DEPRESSIONS AND PROJECTIONS THAT MIGHT WEAKEN OR PREVENT IT FROM BEING PROPERLY BEDDED. FOR STONE MASONRY, THE MORTAR SHALL BE COMPOSED OF ONE PART OF PORTLAND CEMENT AND TWO PARTS OF FINE AGGREGATE BY VOLUME AND SUFFICIENT WATER TO MAKE THE MORTAR OF SUCH CONSISTENCY THAT IT CAN BE HANDLED EASILY AND SPREAD WITH A TROWEL.

NOTE (STONE MASONRY)

BEFORE CONSTRUCTION STAGE, CONDUCT SOIL INVESTIGATION IN ACCORDANCE WITH THE STANDARD TESTING REQUIREMENT ALONG THE ALIGNMENT OF STONE MASONRY WALL TO VERIFY THE ASSUMED VALUE OF ALLOWABLE BEARING CAPACITY.

NOTE

ALLOWABLE SOIL BEARING CAPACITY = 186 KN/m²

CONSTRUCTION

1. STANDARD SPECIFICATION
- 1.1 ALL WORKS SHALL COMPLY WITH DPWH STANDARD SPECIFICATION VOLUME II FOR HIGHWAYS, BRIDGES AND AIRPORTS 2013 EDITION, SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS TO THIS PROJECT.
2. DIMENSIONS
- 2.1 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
3. STATIONINGS AND RADIUS OF HORIZONTAL CURVE
- 3.1 THE STATIONINGS OF HORIZONTAL ALIGNMENT OF THE PROJECT ARE RELATIVE TO THE CENTERLINE SHOWN ON THE PLANS.
- 3.2 STATIONINGS OF SERVICE HOLE AND OTHER STRUCTURES ARE RECKONED AT THE STATIONINGS OF THE CENTERLINE SHOWN ON THE PLANS.
- 3.3 THE RADIUS OF THE HORIZONTAL CURVE SHOWN ON THE PLAN WERE BASED ON THE LAID-OUT ROADWAY CENTERLINE.
4. HORIZONTAL CONTROL
- 4.1 THE AZIMUTH USED IN THIS PROJECT WAS RECKONED THRU THE MAGNETIC SOUTH. SUCCEEDING AZIMUTHS WERE COMPUTED BASED ON THE ALIGNMENT DICTATED BY THE EXISTING ROAD.
5. VERTICAL CONTROL
- 5.1 THE DATUM USED IN THIS PROJECT REFERRED FROM BM. 1 LOCATED AT THE SIDE OF AN EXISTING CHB FENCE AT BRGY. BAMBANG, CALACA, MARKED ON TOP OF CONCRETE. ELEVATION OBSERVED = 387.330 M.
6. ELEVATIONS AND GRADES
- 6.1 FINISHED GRADE ELEVATIONS ARE RELATIVE TO CENTERLINE OF EACH ROAD.
- 6.2 THE ELEVATIONS SHOWN ON THE ORIGINAL GROUND ON THE PLAN AND PROFILE ARE RELATIVE TO THE CENTERLINE OF THE ROAD.
7. ROAD CONNECTIONS AND PRIVATE ENTRANCES
- 7.1 APPROACHES AND CONNECTIONS SHALL BE CONSTRUCTED BY THE CONTRACTOR AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER IN SUCH MANNER AS ENSURE SMOOTH CONNECTION AND RIDING QUALITY.
- 7.2 EXACT LOCATIONS OF INTERSECTIONS ROAD AND PRIVATE ENTRANCES OR DRIVEWAYS WHERE ITEM 7.1 ABOVE APPLIES, SHALL BE VERIFIED BY THE ENGINEER.
8. REMOVAL OF EXISTING STRUCTURES AND RELOCATION OF EXISTING UTILITIES
- 8.1 PORTIONS OF EXISTING UTILITIES, SUCH AS WATER LINES, TELEPHONE TRUCK LINES, ELECTRIC LINES ETC. THAT MAY OBSTRUCT THE CONSTRUCTION OF THE PROJECT SHALL BE RELOCATED BY THE ENTITIES OR OWNER'S CONCERNED. EXTREME PRECAUTION SHALL BE EXERCISED BY THE CONTRACTOR SO AS NOT DAMAGE THE EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE THEREOF SHALL BE ON THE ACCOUNT OF THE CONTRACTOR.
9. ACCESSIBILITY LAW
- 9.1 STRICT COMPLIANCE WITH THE BATAS PAMBANSA BILANG 344 AND ITS IMPLEMENTING RULES AND REGULATIONS SHALL BE IMPOSED.

CERTIFICATION

THIS IS TO CERTIFY THAT THE DETAILED ENGINEERING SURVEYS AND DESIGNS FOR THE PROJECT CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS WITH THE PROJECT ID NO. _____ HAD BEEN CONDUCTED WITH THE DPWH STANDARDS AND SPECIFICATIONS, 2013 EDITION. EQUIPMENT USED DURING ACTUAL SURVEY IS RTK LEICA GNSS GS15.

THIS CERTIFICATION IS BEING ISSUED FOR ALL LEGAL INTENTS AND PURPOSES.


GIVEN THIS 20TH DAY OF FEBRUARY, YEAR 2025.

MISHAEL ALWYN D. CASTILLO
ENGINEER III
CHIEF, PLANNING AND DESIGN SECTION

| ITEM NO. | DESCRIPTION | UNIT | QTY | REMARKS |
|---|---|--------------|------------|---------|
| PART A FACILITIES FOR THE ENGINEERS | | | | |
| A.1.1 (8) | Provision of Field Office for the Engineer (Rental Basis) | Month | 4.00 ✓ | |
| A.1.4 (1) | Provision of Progress Photographs | Month | 4.00 ✓ | |
| PART B OTHER GENERAL REQUIREMENTS | | | | |
| B.4 (8) | Permanent monuments and markers | Each | 2.00 ✓ | |
| B.5 | Project Billboard/Signboard | Each | 3.00 ✓ | |
| B.7(2) | Occupational Safety and Health Program | Lump sum | 1.00 ✓ | |
| B.8(1) | Traffic Management | Month | 4.00 ✓ | |
| B.9 | Mobilization/Demobilization | Lump sum | 1.00 ✓ | |
| PART C EARTHWORK | | | | |
| 100 (1) | Clearing and Grubbing | Hectare | 0.14 ✓ | |
| 100 (3)a1 | Individual Removal of Trees 150 - 300 mm dia. (Small) | Each | 45.00 ✓ | |
| 100 (3)a2 | Individual Removal of Trees 301 - 500 mm dia. (Small) | Each | 13.00 ✓ | |
| 100 (3)a3 | Individual Removal of Trees 501 - 750 mm dia. (Small) | Each | 3.00 ✓ | |
| 100 (4) | Individual Removal of Trees above 900mm dia. (Large) | Each | 4.00 ✓ | |
| 101 (1) | Removal of Structures and Obstruction | Lump Sum | 1.00 ✓ | |
| 102 (2) | Surplus Common Excavation | Cubic Meter | 986.39 ✓ | |
| 104 (1)a | Embankment from roadway/structure excavation - Common Soil | Cubic Meter | 133.66 ✓ | |
| 105 (1)a | Subgrade Preparation - Common Material | Square Meter | 2,750.00 ✓ | |
| PART D SUB-BASE & BASE COURSE | | | | |
| 201 (1) | Aggregate Base Course | Cubic Meter | 412.50 ✓ | |
| PART E SURFACE COURSE | | | | |
| 311 (1)b1 | Portland Cement Concrete Pavement (Unreinforced) - 0.20 m thick (14 days) | Square Meter | 2,750.00 ✓ | |
| PART G DRAINAGE AND SLOPE PROTECTION STRUCTURES | | | | |
| 506 (1) | Stone Masonry | Cubic Meter | 135.23 ✓ | |

1 SUMMARY OF QUANTITIES
G5/G6 NTS

- NOTE:
1. THE STAKE - OUT SURVEY BETWEEN THE CONTRACTOR AND THE GOVERNMENT SHALL BE CONSIDERED AS THE FINAL PLAN.
2. THE ITEMS OF WORK IDENTIFIED WITH THE CORRESPONDING COMPUTED QUANTITIES IN THE APPROVED JOINT AS - STAKE SURVEY PLANS WILL BE THE BASIS OF PAYMENT
3. THE THICKNESS OF THE ROAD STRUCTURAL LAYERS WAS DESIGNED AND APPROVED BY THE BATANGAS 1ST DISTRICT ENGINEERING OFFICE, BRGY. LANATAN, BALAYAN, BATANGAS.



| | | | | | | | | | |
|---|--|-------------------------------------|---|-------------------------------------|---|--|---|-----------|----------|
|  | PROJECT NAME AND LOCATION: | SHEET CONTENTS: | DRAFTED: | REVIEWED: | SUBMITTED: | RECOMMENDED: | APPROVED: | SHEET NO. | PAGE NO. |
| | CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS CITY OF CALACA, BATANGAS | GENERAL NOTES SUMMARY OF QUANTITIES | EARL JARREU C. ATIENZA ENGINEER II (JOB ORDER) | CHERRIE M. CARANDANG ENGINEER II | MISHAEL ALWYN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION | LUISA M. SINOY OFFICER-IN-CHARGE OFFICE OF THE ASSISTANT DISTRICT ENGINEER | ABELARDO D. CALALO DISTRICT ENGINEER | G 5 | 5 15 |

2440

80 2360

CONCRETING OF (Name of Project and Location)

CONTRACTOR : _____
 DATE STARTED : _____
 CONTRACT COMPLETION DATE : _____
 CONTRACT COST : _____
 IMPLEMENTING OFFICE : _____
 SOURCE OF FUND : DEPARTMENT OF AGRICULTURE FY 2025



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 Text 2920 or call (02)165-02, Viber +(63)9818847084
 for any concern on this project
 www.dpwh.gov.ph

80 320 40 320 1680

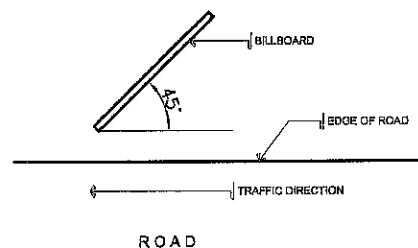
DPWH STANDARD PROJECT BILLBOARD

NOTES:

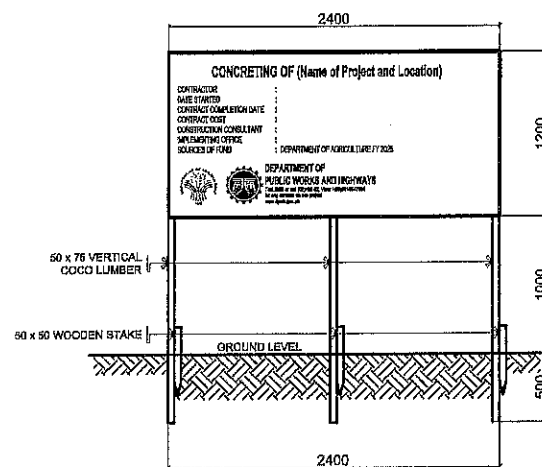
AS PER DEPARTMENT ORDER NO. 021 SERIES OF 2017

- THE NEW BILLBOARD DESIGN LAYOUT AND DIMENSION (SEE DRAWING) SHALL BE INSTALLED ON A STANDARD BILLBOARD MEASURING 1220mm. x 2440mm. USING 12mm. (1/2 inch) THICK MARINE PLYWOOD OR TARPULIN POSTED ON 5mm. (3/16 inch) MARINE PLYWOOD.
- FOR EACH BUILDING PROJECT, THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE.
- FOR EACH ROAD/BIDGE/FLOOD CONTROL PROJECT, TWO BILLBOARDS SHALL BE INSTALLED, I.E., ONE AT THE BEGINNING AND ONE AT THE END OF THE PROJECT.
- FOR ROAD PROJECTS WITH LENGTH OF 10 KILOMETERS OR MORE, BILLBOARD(S) SHALL ALSO BE INSTALLED AT EVERY 5 KILOMETERS INTERVAL.
- NAME(S) AND/OR PICTURE(S) OF ANY PERSONAGES SHOULD NOT APPEAR IN THE BILLBOARD.
- NO POLITICAL BILLBOARDS SHALL BE ALLOWED TO BE INSTALLED 100 METERS BEFORE AND 100 METERS AFTER ALL DPWH PROJECTS AND IN BETWEEN THE PROJECT LIMITS OR WITHIN THE ROAD RIGHT-OF-WAY.
- DPWH CONTRACTORS SHALL NOT BE ALLOWED TO PLACE NAMES OF POLITICIANS ON THEIR EQUIPMENT OR CARRY POLITICAL BILLBOARD ON THEIR EQUIPMENT.

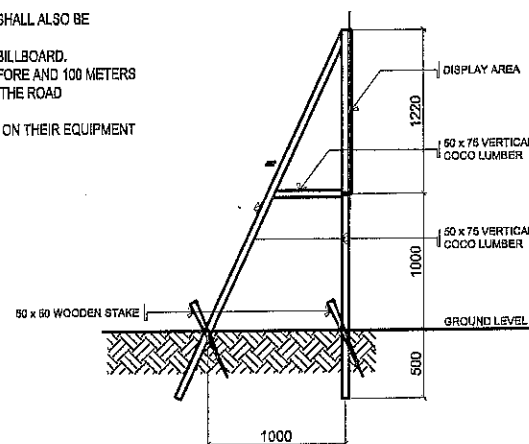
DIMENSIONS :
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.



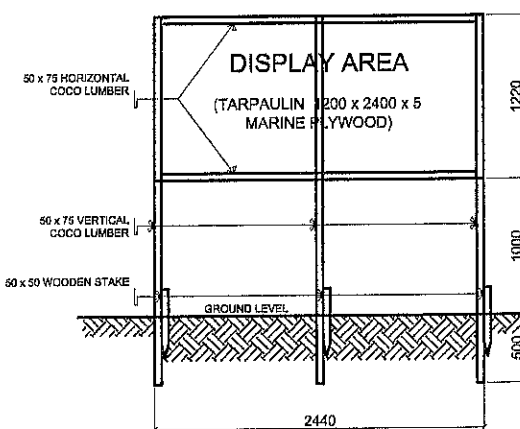
ORIENTATION



FRONT ELEVATION



TYPICAL FRAME ELEVATION



REAR ELEVATION

2400

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATANGAS 1ST DISTRICT ENGINEERING OFFICE

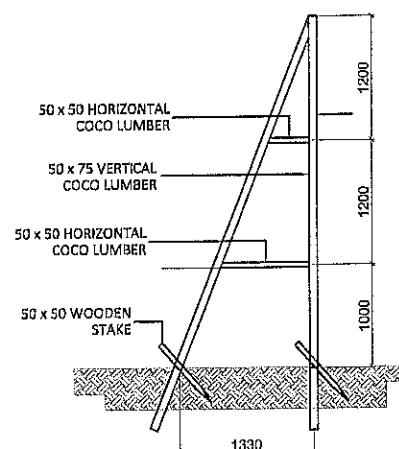
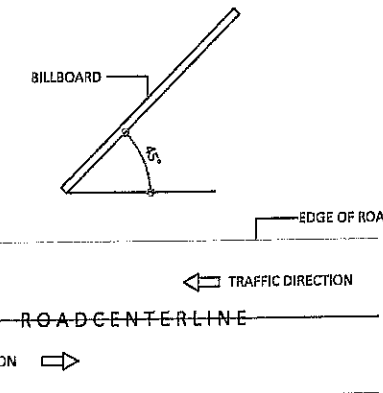
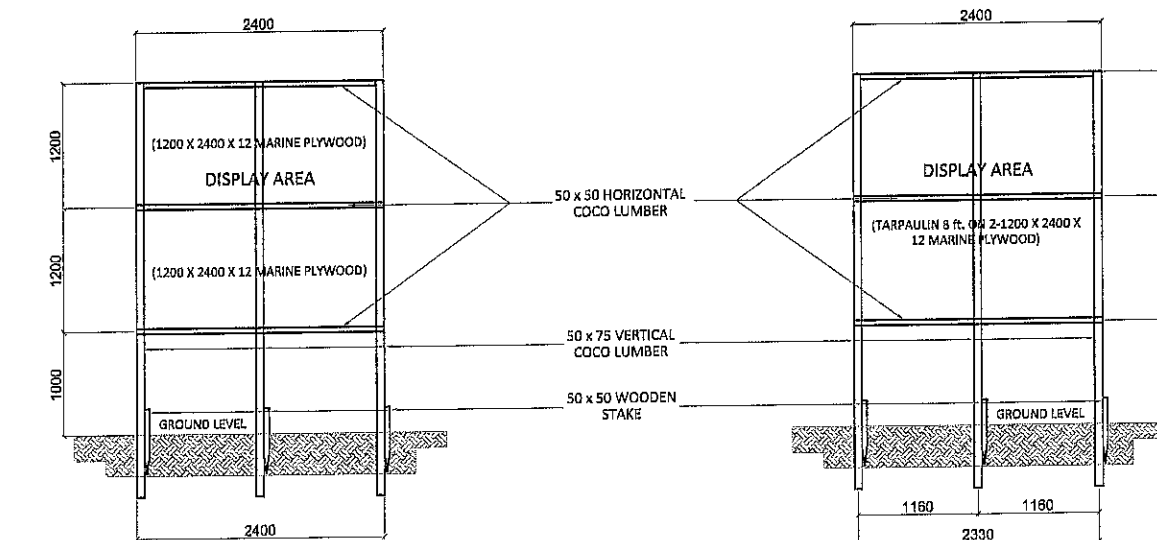
Project : _____ Cost : _____
 Location : _____ Fund Source/s : _____

Implementing Agency/ies : _____
 Development Partner/s : _____
 Contractor/Supplier : _____
 Brief Description of Project : _____

| Project Details | | | Project Status | | | | |
|-----------------|---------|---------------------------|--------------------------|--------------|-----------------------|----------------|---------|
| Duration | Started | Target Date of Completion | Percentage of Completion | As of (Date) | Cost Incurred to Date | Date Completed | Remarks |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

For particulars or complaints about this project, please contact the Regional Office or Cluster which has audit jurisdiction on this project:
 COA Regional Office No./Cluster : _____
 Address : _____
 Contact No. : _____ or Text COA Citizen's Desk at 0915-5391957

COA STANDARD PROJECT BILLBOARD



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BRGY. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:
CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS
CITY OF CALACA, BATANGAS

SHEET CONTENTS:
PROJECT BILLBOARD

DRAFTED: **EARL JARRED C. ATIENZA**
ENGINEER II (JOB ORDER)
PREPARED: **SHERICA BIANCA D. MARCUAP**
ENGINEER II

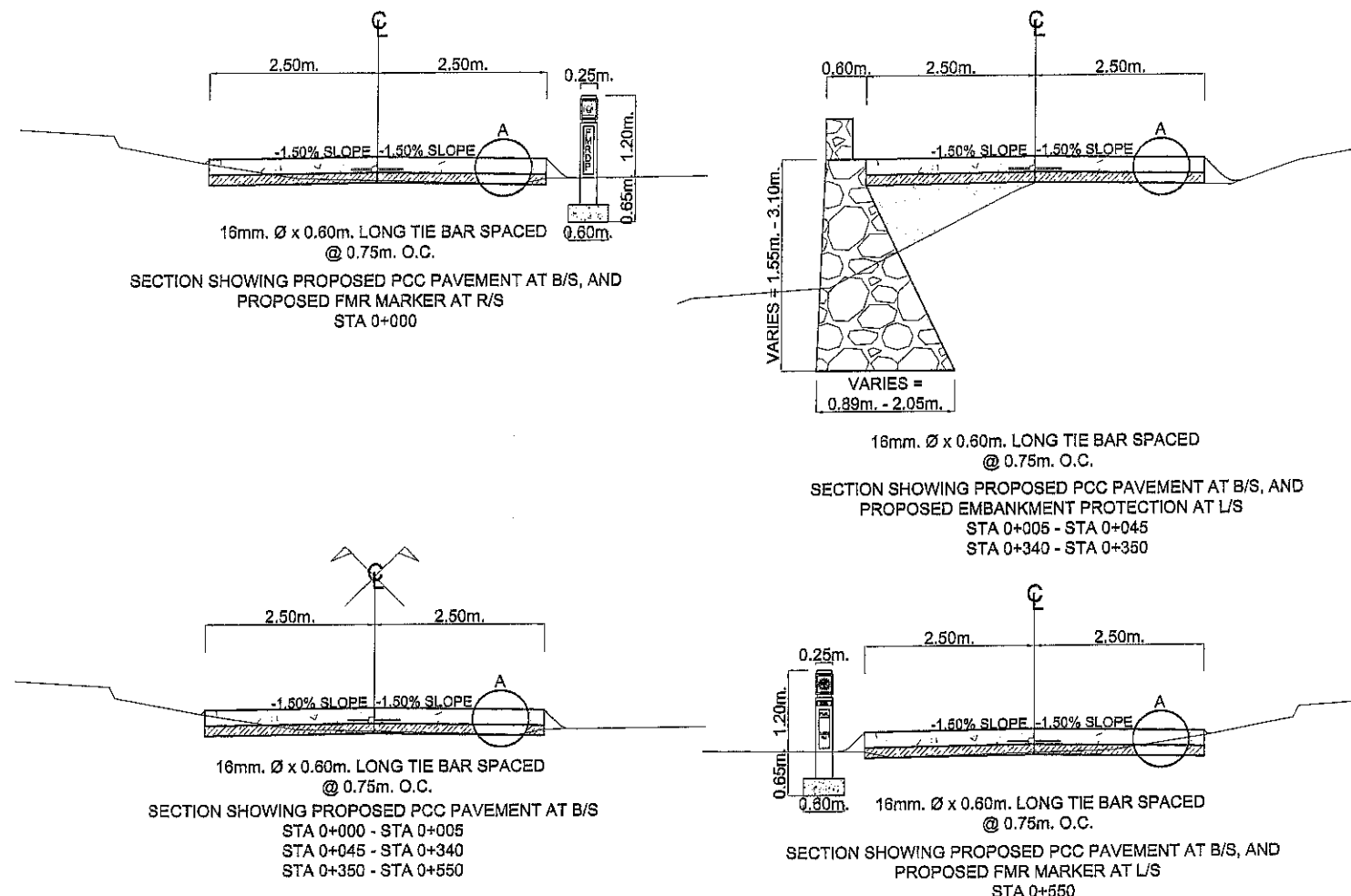
REVIEWED: **CHERRIE M. GARANDANG**
ENGINEER II
DATE: _____

SUBMITTED: **MISHAEL ALWYN D. CASTILLO**
CHIEF, PLANNING AND DESIGN SECTION
DATE: _____

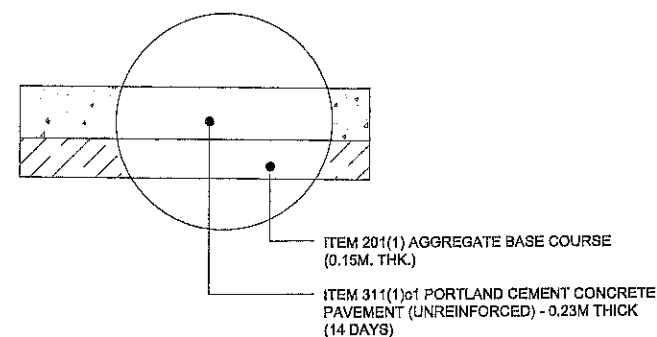
RECOMMENDED: **LUISA M. SINOY**
OFFICER-IN-CHARGE,
OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE: _____

APPROVED: **ABELARDO D. CALALO**
DISTRICT ENGINEER
DATE: _____

SHEET NO. **6** PAGE NO. **15**



1 ROADWAY SECTIONS



2 DETAIL "A"

| SCHEDULE OF CLEARING AND GRUBBING | | | | |
|-----------------------------------|--------------|--------|------|--------|
| STATION | WIDTH | LENGTH | | |
| FROM | TO | W1 | W2 | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 2.50 | 550.00 |

SCHEDULE OF INDIVIDUAL REMOVAL OF TREES (150-300 MM DIA.) SMALL

| STATION | LOCATION | DIAMETER |
|--------------|----------|----------|
| STA 0+001.78 | L/S | 0.3 |
| STA 0+010.79 | L/S | 0.3 |
| STA 0+027.78 | L/S | 0.2 |
| STA 0+030.30 | L/S | 0.2 |
| STA 0+035.62 | L/S | 0.2 |
| STA 0+053.47 | L/S | 0.2 |
| STA 0+068.27 | L/S | 0.1 |
| STA 0+069.71 | L/S | 0.1 |
| STA 0+080.10 | L/S | 0.3 |
| STA 0+080.40 | L/S | 0.3 |
| STA 0+094.53 | L/S | 0.2 |
| STA 0+116.68 | R/S | 0.3 |
| STA 0+124.06 | R/S | 0.2 |
| STA 0+130.15 | R/S | 0.1 |
| STA 0+131.93 | R/S | 0.3 |
| STA 0+145.21 | R/S | 0.2 |
| STA 0+180.59 | R/S | 0.3 |
| STA 0+183.20 | R/S | 0.3 |
| STA 0+183.50 | R/S | 0.2 |
| STA 0+186.39 | R/S | 0.1 |
| STA 0+285.56 | L/S | 0.15 |
| STA 0+286.10 | L/S | 0.15 |
| STA 0+323.32 | L/S | 0.3 |
| STA 0+412.49 | L/S | 0.15 |
| STA 0+418.00 | L/S | 0.2 |
| STA 0+419.22 | L/S | 0.2 |
| STA 0+418.84 | R/S | 0.15 |
| STA 0+420.24 | L/S | 0.2 |
| STA 0+421.44 | L/S | 0.2 |
| STA 0+423.90 | L/S | 0.2 |
| STA 0+426.78 | L/S | 0.2 |
| STA 0+428.38 | L/S | 0.2 |
| STA 0+430.16 | L/S | 0.2 |
| STA 0+432.02 | L/S | 0.2 |
| STA 0+433.41 | L/S | 0.2 |
| STA 0+434.38 | L/S | 0.2 |
| STA 0+436.00 | L/S | 0.3 |
| STA 0+438.00 | L/S | 0.2 |
| STA 0+439.60 | L/S | 0.2 |
| STA 0+441.00 | L/S | 0.2 |
| STA 0+442.81 | L/S | 0.2 |
| STA 0+460.20 | L/S | 0.2 |
| STA 0+467.80 | L/S | 0.2 |
| STA 0+480.30 | L/S | 0.3 |
| STA 0+480.50 | L/S | 0.2 |

SCHEDULE OF INDIVIDUAL REMOVAL OF TREES (501-750 MM DIA.) SMALL

| STATION | LOCATION | DIAMETER |
|--------------|----------|----------|
| STA 0+025.73 | R/S | 0.7 |
| STA 0+080.53 | L/S | 0.7 |
| STA 0+113.95 | R/S | 0.7 |

SCHEDULE OF INDIVIDUAL REMOVAL OF TREES ABOVE 900 MM DIA. (LARGE)

| STATION | LOCATION | DIAMETER |
|--------------|----------|----------|
| STA 0+074.32 | L/S | 1 |
| STA 0+285.86 | R/S | 1 |
| STA 0+417.21 | L/S | 1 |
| STA 0+478.40 | L/S | 1 |

SCHEDULE OF INDIVIDUAL REMOVAL OF TREES (301-500 MM DIA.) SMALL

| STATION | LOCATION | DIAMETER |
|--------------|----------|----------|
| STA 0+107.27 | R/S | 0.4 |
| STA 0+109.34 | R/S | 0.4 |
| STA 0+121.84 | R/S | 0.5 |
| STA 0+121.88 | L/S | 0.5 |
| STA 0+189.36 | R/S | 0.4 |
| STA 0+189.50 | R/S | 0.4 |
| STA 0+180.80 | R/S | 0.5 |
| STA 0+240.30 | R/S | 0.5 |
| STA 0+296.07 | R/S | 0.4 |
| STA 0+332.92 | R/S | 0.4 |
| STA 0+483.80 | R/S | 0.4 |
| STA 0+470.30 | R/S | 0.4 |
| STA 0+475.30 | L/S | 0.4 |

SCHEDULE OF SUBGRADE PREPARATION (COMMON MATERIAL)

| LEFT SIDE | | | | |
|--------------|--------------|--------|------|--------|
| STATION | WIDTH | LENGTH | | |
| FROM | TO | W1 | W2 | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 2.50 | 550.00 |
| RIGHT SIDE | | | | |
| STATION | WIDTH | LENGTH | | |
| FROM | TO | W1 | W2 | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 2.50 | 550.00 |

SCHEDULE OF AGGREGATE BASE COURSE

| LEFT SIDE | | | | |
|--------------|--------------|-----------|--------|--------|
| STATION | WIDTH | THICKNESS | LENGTH | |
| FROM | TO | | | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 0.15 | 550.00 |
| RIGHT SIDE | | | | |
| STATION | WIDTH | THICKNESS | LENGTH | |
| FROM | TO | | | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 0.15 | 550.00 |

SCHEDULE OF PORTLAND CEMENT CONCRETE PAVEMENT (UNREINFORCED) - 0.23 M THICK (14 DAYS)

| LEFT SIDE | | | | |
|--------------|--------------|--------|------|--------|
| STATION | WIDTH | LENGTH | | |
| FROM | TO | W1 | W2 | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 2.50 | 550.00 |
| RIGHT SIDE | | | | |
| STATION | WIDTH | LENGTH | | |
| FROM | TO | W1 | W2 | |
| STA 0+000.00 | STA 0+550.00 | 2.50 | 2.50 | 550.00 |

SCHEDULE OF STONE MASONRY

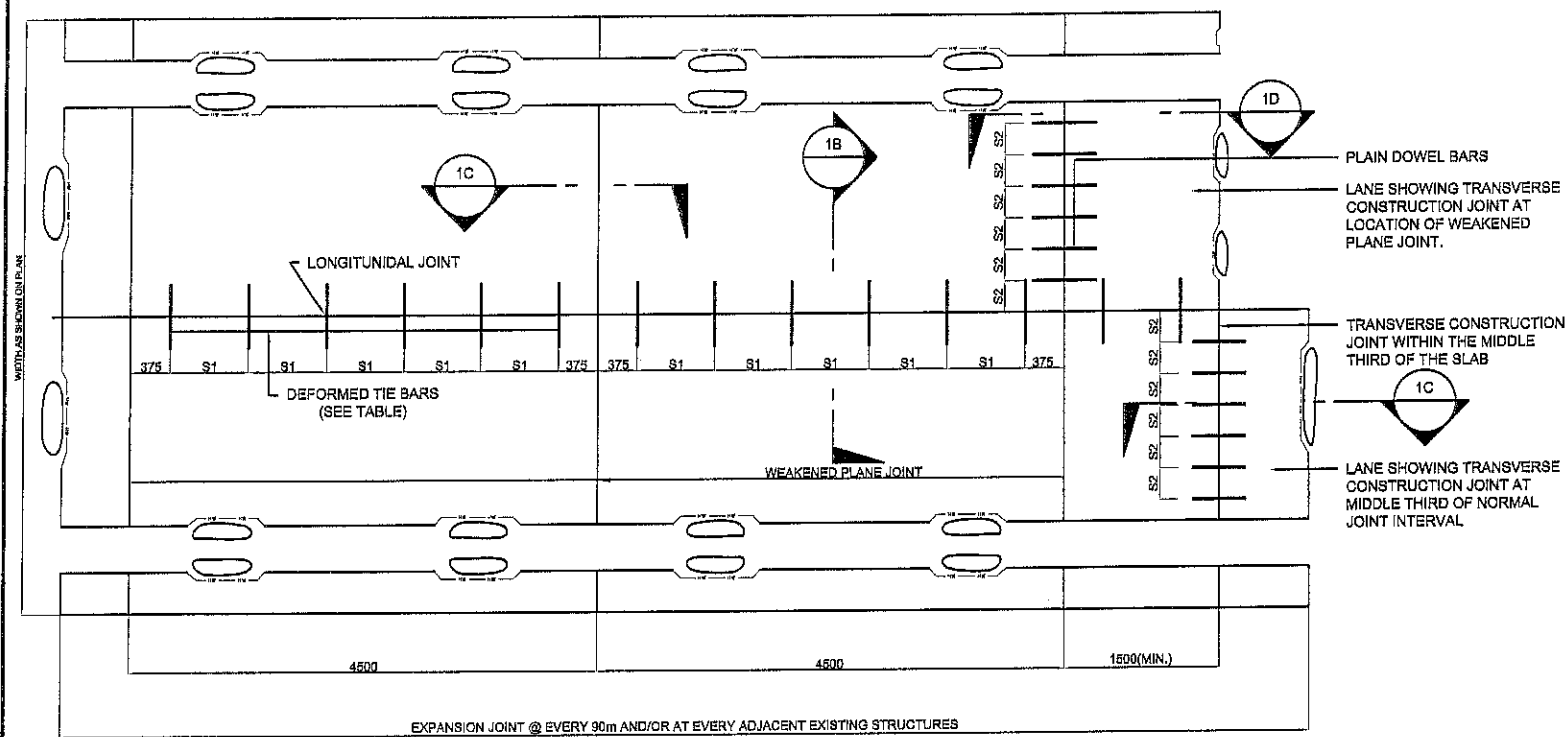
| STATION | LENGTH (M) | BASE (M) | | HEIGHT (M) | LOCATION |
|--------------|------------|----------|------|------------|----------|
| | | B1 | B2 | | |
| STA 0+005.00 | 15.00 | 0.8 | 0.94 | 1.64 | L/S |
| STA 0+020.00 | | | | | |
| STA 0+020.00 | 20.00 | 0.8 | 2.05 | 3.10 | L/S |
| STA 0+040.00 | | | | | |
| STA 0+040.00 | 5.00 | 0.8 | 1.38 | 2.42 | L/S |
| STA 0+045.00 | | | | | |
| STA 0+340.00 | 10.00 | 0.8 | 1 | 1.75 | L/S |
| STA 0+350.00 | | | | | |

PARAPET WALL

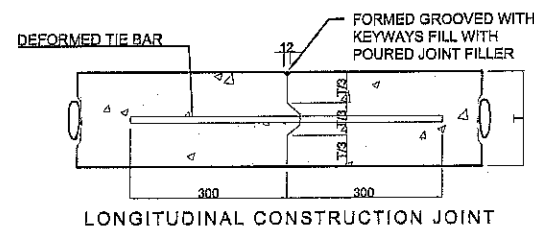
| STATION | LENGTH (M) | NO. OF PARAPET | LOCATION |
|--------------|------------|----------------|----------|
| STA 0+005.00 | 40.00 | 27 | L/S |
| STA 0+045.00 | | | |
| STA 0+340.00 | 10.00 | 7 | L/S |
| STA 0+350.00 | | | |

3 SCHEDULE OF QUANTITIES

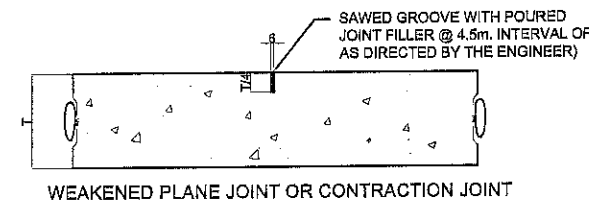
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|--|---|--|---|-------------------------------------|---|---|--|-----------|----------|
| | PROJECT NAME AND LOCATION: | SHEET CONTENTS: | DRAFTED: | REVIEWED: | SUBMITTED: | RECOMMENDED: | APPROVED: | SHEET NO. | PAGE NO. |
| | CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALAGA, BATANGAS CITY OF CALAGA, BATANGAS | ROADWAY SECTIONS DETAIL "A" SCHEDULE OF QUANTITIES | EARL JARREU C. ATIENZA ENGINEER II (JOB ORDER) | CHERRIE M. CAPANDANG ENGINEER II | MISHAEL ALVIN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION | LUISA M. SINOY OFFICER-IN-CHARGE, OFFICE OF THE ASSISTANT DISTRICT ENGINEER | ABELARDO D. CALAICO DISTRICT ENGINEER | R | 7 |
| | | | SHERICA BIANCA D. MARCUAP ENGINEER II | | | | | 1 | 15 |



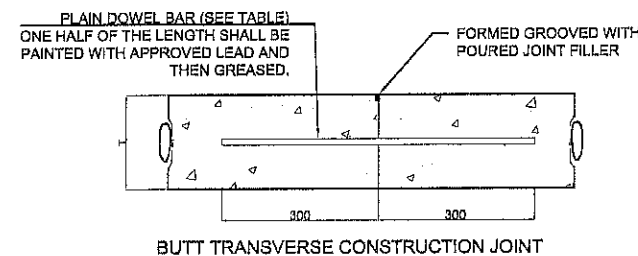
1A TYPICAL PLAN OF A TWO-LANE UNDOWELED PAVEMENT
SCALE 1:50



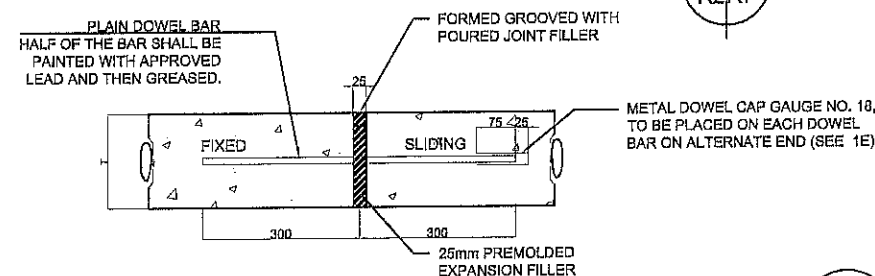
1B DETAIL "A"
NTS.



1C DETAIL "B"
NTS.



1D DETAIL "C"
NTS.



1D SECTION EXPANSION JOINT
NTS.

| SLAB THICKNESS (mm) | SPACING, S1 (mm) | |
|------------------------|------------------|-------------|
| | 12mm ϕ | 16mm ϕ |
| 230 | 600 | 750 |
| 240 | 600 | 750 |
| 250 | 600 | 750 |
| 260 | 600 | 750 |
| 270 | 600 | 750 |
| 280 | 500 | 750 |
| 290 | 500 | 750 |
| 300 | 500 | 750 |
| 310 | 400 | 750 |
| 320 | 400 | 750 |
| 330 | 400 | 750 |
| 340 | 400 | 750 |

BASED ON AASHTO GUIDE FOR THE DESIGN OF
PAVEMENT STRUCTURES 1993

TABLE 1.1

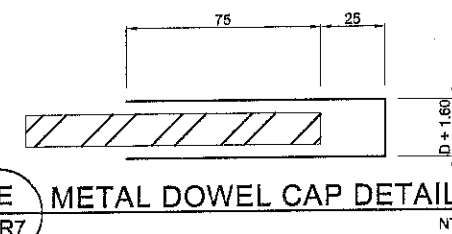
| SLAB DEPTH, T (mm) | SPACING, S (mm) |
|-----------------------|--------------------|
| 280 | 300 |
| 290 | 295 |
| 300 | 274 |
| 310 | 255 |
| 320 | 238 |
| 330 | 223 |
| 340 | 209 |

TABLE 1.2

| THICKNESS OF PCCP | SIZE OF DOWEL | SPACING (mm) | SIZE OF DOWEL | SPACING (mm) |
|----------------------|------------------|-----------------|------------------|-----------------|
| 280 | 36 | 300 | 32 | 250 |
| | | | 28 | 190 |
| 290 | 36 | 295 | 25 | 150 |
| | | | 32 | 230 |
| 300 | 36 | 274 | 28 | 170 |
| | | | 25 | 140 |
| 310 | 36 | 255 | 32 | 210 |
| | | | 28 | 160 |
| 320 | 36 | 238 | 25 | 130 |
| | | | 32 | 200 |
| 330 | 36 | 223 | 28 | 150 |
| | | | 25 | 120 |
| 340 | 36 | 209 | 32 | 190 |
| | | | 28 | 140 |
| | | | 25 | 110 |
| | | | 32 | 180 |
| | | | 28 | 130 |
| | | | 25 | 110 |
| | | | 32 | 170 |
| | | | 28 | 130 |
| | | | 25 | 100 |
| | | | 32 | 160 |

NOTES:

- AS PER D.O. 32 SERIES OF 2016, ALL TRAVERSE JOINTS SHALL BE PROVIDED WITH DOWEL BARS IN ACCORDANCE WITH DEPARTMENT ORDER 40, SERIES OF 2014. PRESCRIBING MINIMUM DESIGN STANDARD FOR PORTLAND CEMENT CONCRETE PAVEMENT (PCCP) IN ARTERIAL AND SECONDARY NATIONAL ROADS AND ACCESS ROADS LEADING TO PORTS AS SHOWN AT TABLE 1.1. IN CASE THE REQUIRED DIAMETER OF 36mm AS CITED ABOVE IS NOT COMMERCIALY AVAILABLE, SMALLER DOWEL BAR CAN BE USED WITH ADJUSTMENT IN BAR SPACING SHOWN IN TABLE 1.2
- CONSTRUCTION (CONTACT) JOINT ARE FORMED WHEN THE CONCRETE ON ONE SIDE OF THE JOINT IS POURED AHEAD AND ALLOWED TO SET BEFORE POURING ON THE OTHER SIDE. NO CONSTRUCTION JOINT SHALL BE PLACED WITHIN 1.50m FROM THE WEAKENED PLANE JOINT.
- AT CONSTRUCTION JOINTS (LONGITUDINAL OR TRANSVERSE) , CARE SHOULD BE TAKEN THAT NO CONCRETE FROM THE LAST SLAB PLACED OVERHANGS ANY PORTION OF THE FIRST SLAB.
- TIE BARS SHOULD BE DEFORMED STEEL BARS. ALL DOWEL BARS SHALL BE SMOOTH ROUND STEEL BAR FREE FROM RUST AND OTHER DEFECTS WHICH MIGHT RESTRICT THEIR MOVEMENT.
- TYPE OF WEAKENED PLANE JOINT TO BE USED SHALL SPECIFIED IN THE PLANS AND ONLY ONE TYPE SHALL BE USED FOR THE WHOLE PROJECT.
- MATERIAL FOR THE METAL SIDE FORM SHALL BE BRAND NEW SHEET METAL GAUGE NO. 18 OF BLACK IRON FREE FROM RUST AND KINKS.
- AT LEAST SIX (6) SUCCESSIVE DOWELLED BUTT JOINTS AT NORMAL JOINT SPACING SHALL BE PROVIDED BEFORE OR AFTER AN EXPANSION JOINT.
- THE GROVE OR CRACK ABOVE JOINT (LONGITUDINAL OR TRAVERSE) SHALL BE SEALED WITH 30-50 PENETRATION ASPHALT SEAL OR COLD APPLIED LIQUID RUBBER COMPOUND AFTER THE CONCRETE HARDENS AND BEFORE OPENING THE PAVEMENT TO TRAFFIC. PENETRATION ASPHALT SEAL ON CONCRETE PAVEMENT JOINTS SHOULD BE POURED IN SUCH MANNER THAT SPILLING WILL BE ELIMINATED/PREVENTED THUS, PROVIDE SMOOTH RIDING/LEVELING SURFACE.
- ALL TRANSVERSE JOINTS, EXCEPT CONSTRUCTION JOINTS, SHALL BE CONTINUOUS FROM EDGE TO EDGE.
- ALL LONGITUDINAL JOINTS SHALL MEET AT INTERSECTIONS WITH NO GAPS OR OFFSETS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- AVOID STOPPAGE OF FORMWORKS ALONG CURVES.
- CONSTRUCT EXPANSION JOINT AT EVERY 90 METERS AND/OR AT EVERY ADJACENT EXISTING STRUCTURES.



1E METAL DOWEL CAP DETAIL
NTS.

1I DETAIL OF SIDE FORMS
NTS.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BRGY. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:

CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY.
BAMBANG, CALAGA, BATANGAS
CITY OF CALAGA, BATANGAS

SHEET CONTENTS:

PAVEMENT DESIGN STANDARD

DRAFTED:

EARL JARREUILC. ATIENZA
ENGINEER II (JOB ORDER)

PREPARED:

SHERICA BLANCA D. MARCUAP
ENGINEER II

REVIEWED:

CHERRIE M. CARANDANG
ENGINEER II

DATE:

SUBMITTED:

MISHAEL ALWIN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED:

LUISA M. SINOY
OFFICER-IN-CHARGE,
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

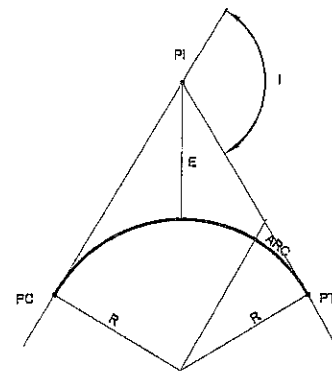
DATE:

APPROVED:

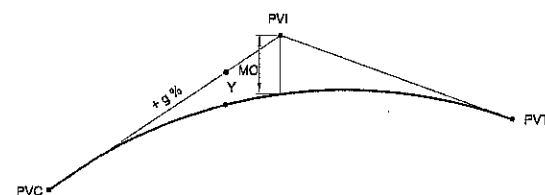
ABELARDO D. CALALO
DISTRICT ENGINEER

DATE:

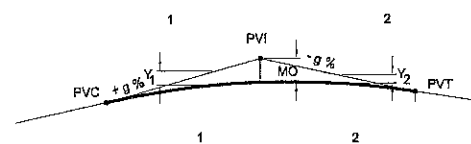
| SHEET NO. | PAGE NO. |
|-----------|----------|
| R 27 | 8 15 |



HORIZONTAL CURVE (CIRCULAR)



SYMMETRICAL VERTICAL PARABOLIC CURVE



UNSYMMETRICAL VERTICAL PARABOLIC CURVE

FORMULA :

$$T = R \left(\tan \frac{I}{2} \right)$$

$$L_c = \frac{\pi}{180} IR$$

$$D = \frac{1145.916}{R}$$

$$E = T \left(\tan \frac{I}{2} \right)$$

LEGEND :

PI = POINT OF HORIZONTAL INTERSECTION
I = EXTERNAL ANGLE
T = LENGTH OF TANGENT
R = HORIZONTAL RADIUS
Lc = LENGTH OF CIRCULAR CURVE
D = DEGREE OF CURVE (ARC DEFINITION)
PC = POINT OF CURVATURE
PT = POINT OF TANGENCY
E = EXTERNAL DISTANCE

LEGEND :

PVI = POINT OF VERTICAL INTERSECTION
PVC = POINT OF VERTICAL CURVATURE
PVT = POINT OF VERTICAL TANGENCY
LVC, LVC₁, LVC₂ = LENGTH OF VERTICAL CURVES
g = GRADE IN PERCENT
MO = MIDDLE ORDINATE
X, X₁, X₂ = DISTANCE FROM PVC OR PVT TO ANY POINT ON CURVE
Y, Y₁, Y₂ = VERTICAL OFFSET
A = ALGEBRAIC DIFFERENCE OF GRADES IN %

NOTE :

NO VERTICAL CURVE IS REQUIRED WHEN THE ALGEBRAIC DIFFERENCE IN GRADE IS LESS THAN 0.50 %

IN ANY SYMMETRICAL VERTICAL PARABOLIC CURVE :

$$MO = \frac{ALVC}{800}$$

$$Y = \frac{X^2 (MO)}{(LVC/2)^2}$$

FORMULA :

$$LVC = KA$$

LEGEND :

A = ALGEBRAIC DIFFERENCE IN GRADIENTS (%)
K = RATE OF VERTICAL CURVATURE (m)

IN ANY UNSYMMETRICAL VERTICAL PARABOLIC CURVE :

$$MO = \frac{(LVC_1)(LVC_2)(A)}{200 LVC}$$

$$Y_1 = \frac{MO (X_1)^2}{(LVC_1)^2}$$

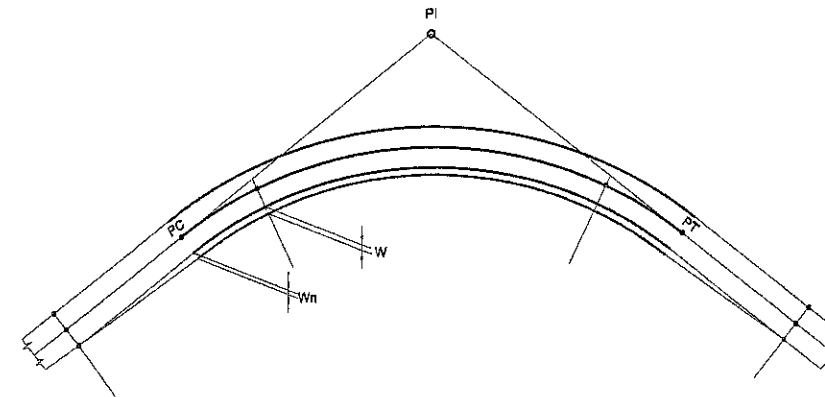
$$Y_2 = \frac{MO (X_2)^2}{(LVC_2)^2}$$

FORMULA :

$$LVC = KA$$

LEGEND :

A = ALGEBRAIC DIFFERENCE IN GRADIENTS (%)
K = RATE OF VERTICAL CURVATURE (m)



WIDENING ON INNER SIDE OF HORIZONTAL CURVE

WIDENING (W) OF TWO - LANES PAVEMENT ON CURVE

| DESIGN SPEED | 30 Km/h | 40 Km/h | 50 Km/h | 60 Km/h |
|----------------|--------------|-----------|-----------|-----------|
| WIDENING (m) | RADIUS (m) | | | |
| ~ | ABOVE 350 | ABOVE 400 | ABOVE 450 | ABOVE 500 |
| 0.60 | 249 ~ 280 | 399 ~ 310 | 449 ~ 345 | 499 ~ 390 |
| 0.80 | 279 ~ 210 | 309 ~ 225 | 344 ~ 245 | 389 ~ 270 |
| 1.00 | 209 ~ 150 | 224 ~ 175 | 244 ~ 190 | 269 ~ 210 |
| 1.20 | 149 ~ 130 | 174 ~ 145 | 189 ~ 165 | 209 ~ 170 |
| 1.50 | BELOW 129 | BELOW 144 | BELOW 154 | BELOW 169 |

LEGEND :

W = WIDENING WIDTH
Lw = LENGTH OF SUPERELEVATION RUN-OFF
Ln = LENGTH OF FULL WIDENING WIDTH
Ln = LENGTH FROM THE BEGINNING OF RUN-OFF WITH A WIDENING OF Wn
Wn = WIDENING OF LENGTH Ln

| DESIGN SPEED (Km/h) | 30 Kph | 40 Kph | 50 Kph | 60 Kph |
|---------------------------------|--------|--------|--------|--------|
| MIN. K FOR CREST VERTICAL CURVE | 3 | 6 | 10 | 17 |
| MIN. K FOR SAG VERTICAL CURVE | 5 | 8 | 12 | 17 |



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BROV. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:

CONCRETING OF BROV. BAMBANG FMR PHASE II, BROV. BAMBANG, CALACA, BATANGAS
CITY OF CALACA, BATANGAS

SHEET CONTENTS:

GEOMETRIC DESIGN STANDARD
(HORIZONTAL AND VERTICAL)

DRAFTED:

EARL JARREDO C. ATIENZA
ENGINEER II (JOB ORDER)

PREPARED:

SHERICA BIANCA D. MARCUAP
ENGINEER II

REVIEWED:

CHERRIE M. CABANDANG
ENGINEER II

DATE:

SUBMITTED:

MISHAEL ALWYN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED:

LUISA M. SINOY
OFFICER-IN-CHARGE,
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED:

ABELARDO D. CALALO
DISTRICT ENGINEER

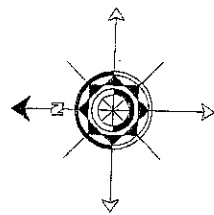
DATE:

SHEET NO.

37

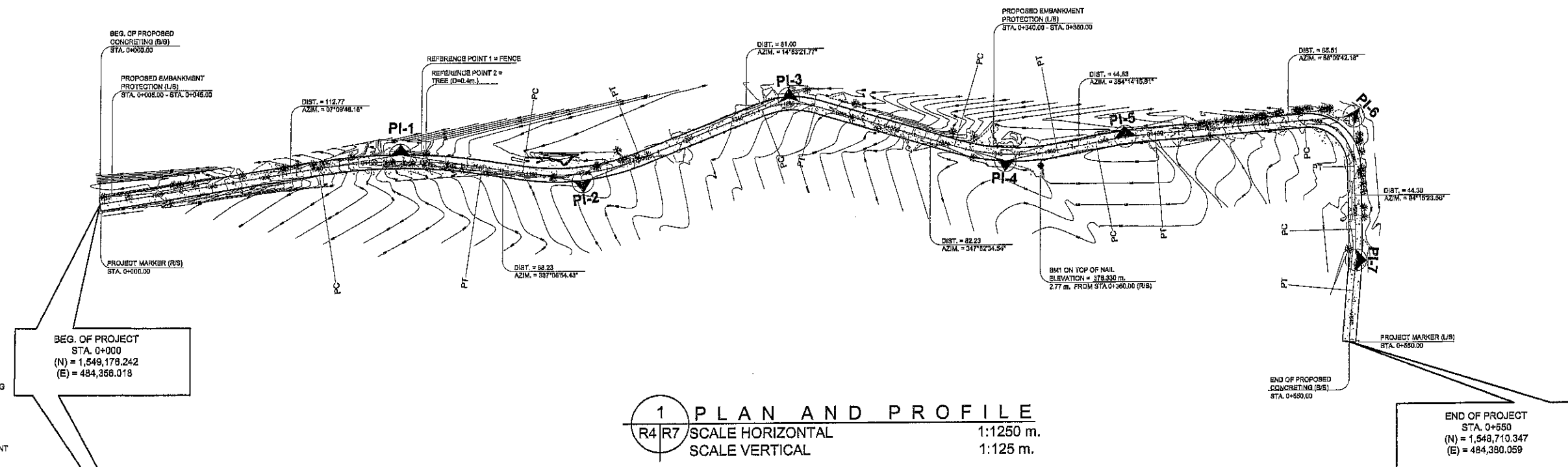
PAGE NO.

915

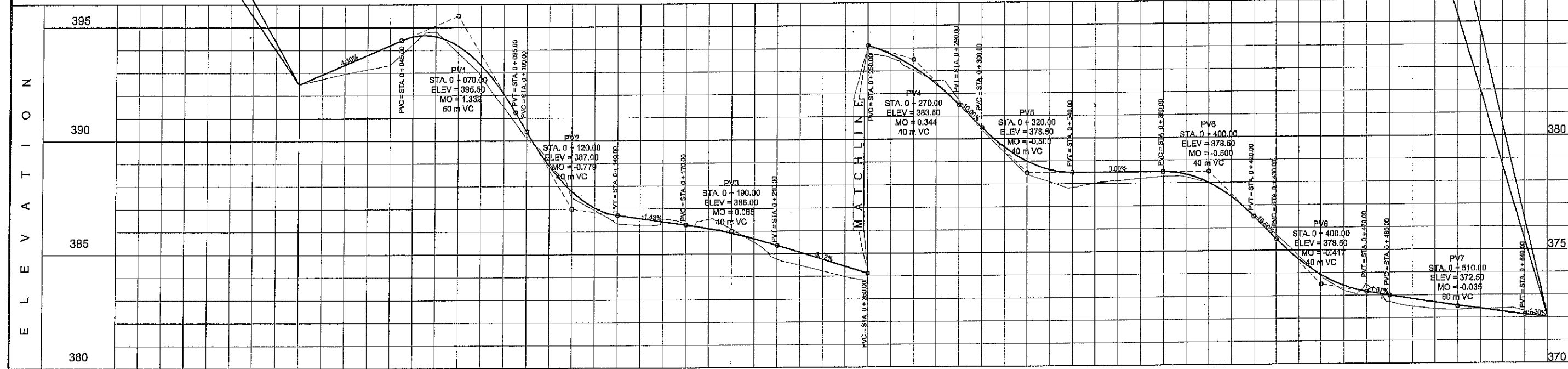


| REFERENCE POINTS | | | | |
|------------------|------|----------|----------|----------------|
| PL No | R.P. | ADJUTANT | DISTANCE | REMARKS |
| 24-1 | 1 | 215.00' | 13.00' | 54.82' |
| | 2 | 137.00' | 21.00' | 40.85' |
| | | | | 5.25' |
| | | | | TREE (D=0.4m.) |

| ELEMENTS OF CURVE | | | | | | | | | | | | | | |
|-------------------|---------------|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----------------|--------|
| PL No | STATION | AZIMUTH | DISTANCE | I | D | R | T | E | LC | PC | PT | OS | (DESIGN SPEED) | |
| 1 | STA 0+112.770 | 7.00° | 9.00' | 48.15° | 112.77 | 17.00° | 28.00' | 40.00' | 5.00° | 43.00' | 55.77' | 199.910 | 30.7500 | 2.350 |
| 2 | STA 0+181.000 | 337.00° | 5.00' | 54.43° | 68.23 | 30.00° | 3.00' | 34.00' | 13.00° | 31.00' | 16.06' | 24.750 | 22.7500 | 3.000 |
| 3 | STA 0+202.000 | 14.00° | 53.00' | 21.77° | 81.00 | 37.00° | 47.00' | 27.00' | 36.00° | 15.00° | 47.35' | 31.600 | 10.8160 | 1.800 |
| 4 | STA 0+248.230 | 347.00° | 52.00' | 34.54° | 83.23 | 27.00° | 0.00' | 47.00' | 13.00° | 57.00' | 2.74' | 32.140 | 19.7200 | 2.3360 |
| 5 | STA 0+300.000 | 354.00° | 14.00' | 18.81° | 14.83 | 6.00° | 21.00' | 18.00' | 5.00° | 43.00' | 3.28' | 200.410 | 11.1200 | 0.3600 |
| 6 | STA 0+475.570 | 88.00° | 8.00' | 42.18° | 85.51 | 83.00° | 30.00' | 51.00' | 65.00° | 40.00' | 8.85' | 17.480 | 10.6840 | 8.9210 |
| 7 | STA 0+519.980 | 94.00° | 15.00' | 23.58° | 44.38 | 6.00° | 30.00' | 27.00' | 5.00° | 43.00' | 18.48' | 200.000 | 11.3700 | 0.3230 |
| 8 | STA 0+550.000 | | | | | | | | | | | | | |

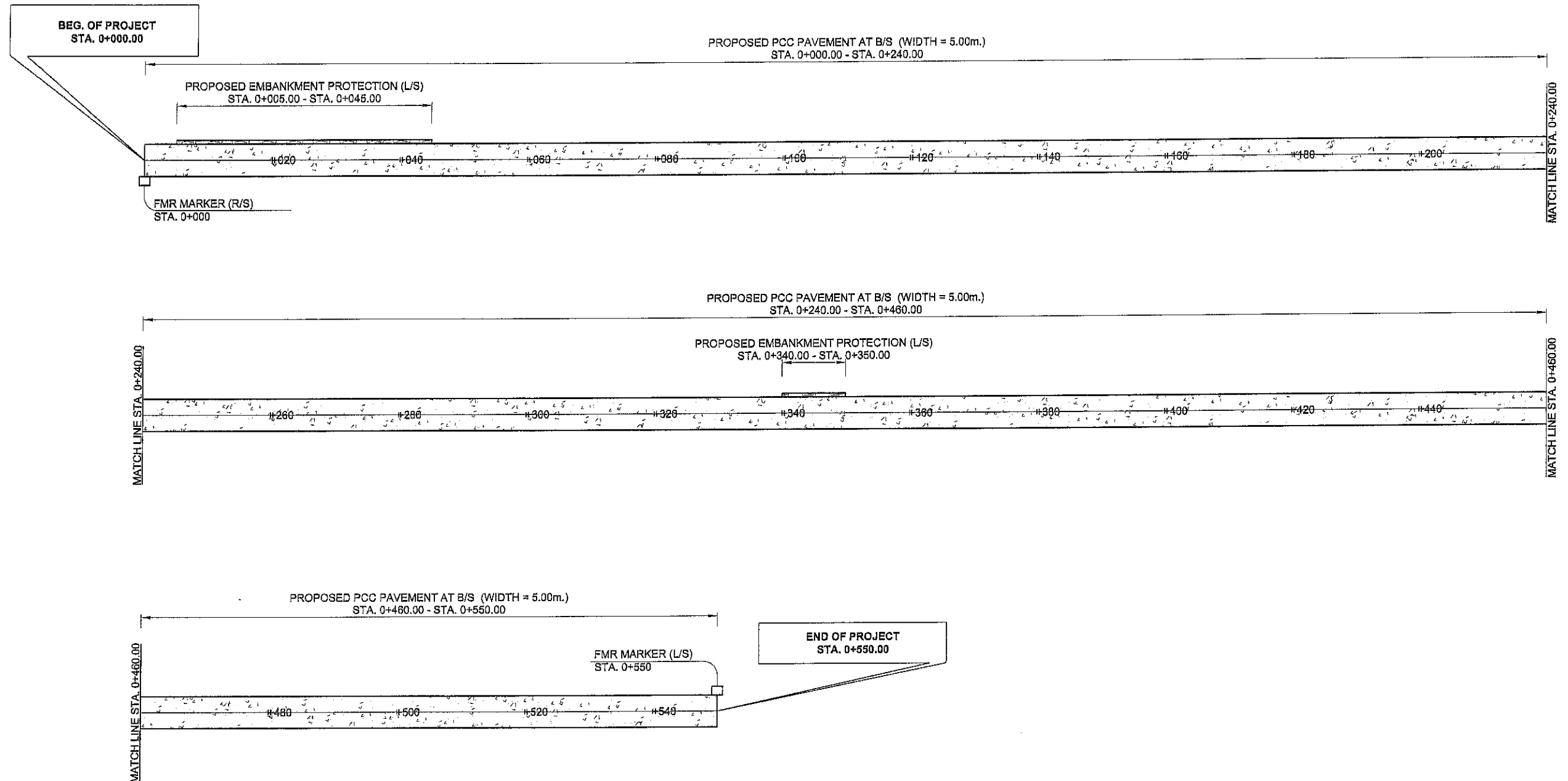


1 PLAN AND PROFILE
R4/R7 SCALE HORIZONTAL
SCALE VERTICAL
1:1250 m.
1:125 m.



| STATION | STA 0+000 | STA 0+100 | STA 0+200 | STA 0+300 | STA 0+400 | STA 0+500 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| EXISTING GRADE LINE | 392.487 | 392.487 | 392.952 | 393.348 | 394.209 | 393.348 |
| FINISHED GRADE | 392.487 | 392.487 | 392.952 | 393.348 | 394.209 | 393.348 |

| | | | | | | | | | |
|--|---|------------------|--|--------------------------------------|---|---|---|-----------|----------|
| | PROJECT NAME AND LOCATION: | SHEET CONTENTS: | DRAFTED: | REVIEWED: | SUBMITTED: | RECOMMENDED: | APPROVED: | SHEET NO. | PAGE NO. |
| | CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS | PLAN AND PROFILE | EARL JARRE C. ATIENZA ENGINEER II (JOB ORDER) | CHERRIE M. CARIANDANG ENGINEER II | MISHAEL ALWYN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION | LUISA M. SINYO OFFICER-IN-CHARGE, OFFICE OF THE ASSISTANT DISTRICT ENGINEER | ABELARDO D. CALALO DISTRICT ENGINEER | 47 | 1015 |
| | | | PREPARED: | | | | | | |
| | | | SHERICA SIANGA D. MARCUAP ENGINEER II | | | | | | |



1 STRAIGHT LINE DIAGRAM
R5/R7 1:500m.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
BATANGAS 1ST DISTRICT ENGINEERING OFFICE
BRGY. LANATAN BALAYAN, BATANGAS

PROJECT NAME AND LOCATION:
CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY.
BAMBANG, CALACA, BATANGAS
CITY OF CALACA, BATANGAS

SHEET CONTENTS:
STRAIGHTLINE DIAGRAM

DRAFTED:
EARL JARREU C. ATIENZA
ENGINEER II (JOB ORDER)

PREPARED:
SHERICA BLANCA D. MARCUAP
ENGINEER II

REVIEWED:
CHERRIE M. CARANDANG
ENGINEER II

DATE:

SUBMITTED:
MISHAE ALVYN D. CASTILLO
CHIEF, PLANNING AND DESIGN SECTION

DATE:

RECOMMENDED:
LUISA M. SINOY
OFFICIAL IN-CHARGE,
OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

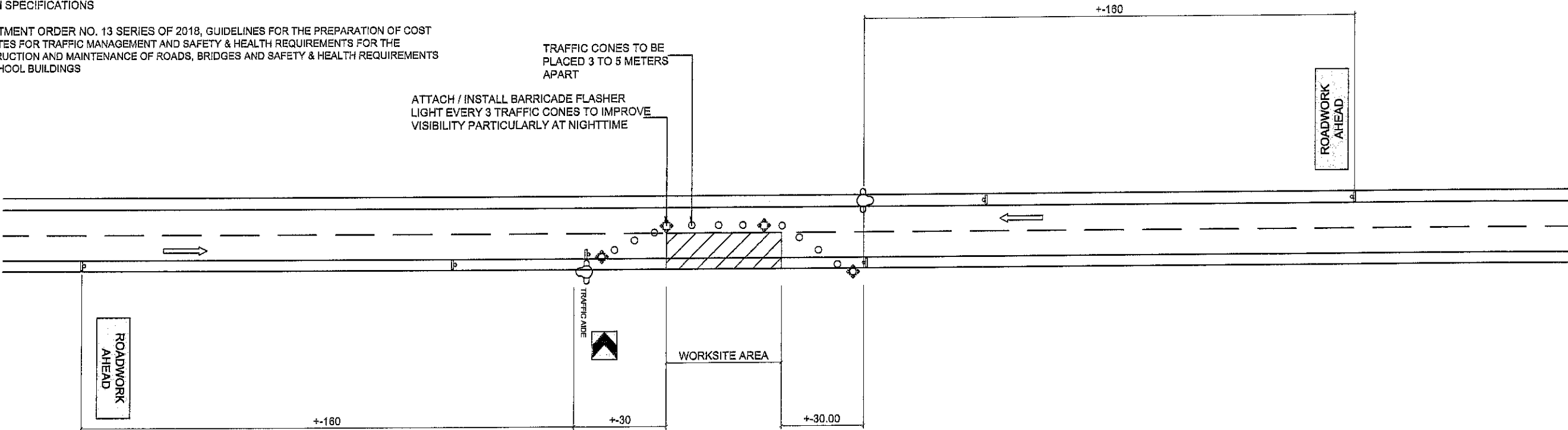
APPROVED:
ABELARDO D. CALAJO
DISTRICT ENGINEER

DATE:

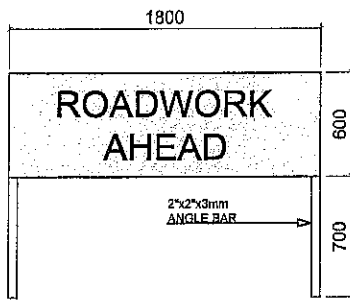
SHEET NO. 57
PAGE NO. 1115

DESIGN SPECIFICATIONS

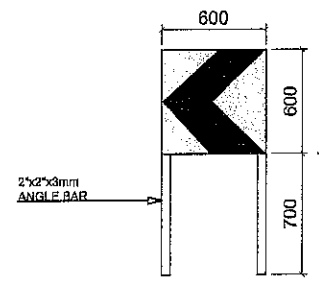
DEPARTMENT ORDER NO. 13 SERIES OF 2018, GUIDELINES FOR THE PREPARATION OF COST ESTIMATES FOR TRAFFIC MANAGEMENT AND SAFETY & HEALTH REQUIREMENTS FOR THE CONSTRUCTION AND MAINTENANCE OF ROADS, BRIDGES AND SAFETY & HEALTH REQUIREMENTS FOR SCHOOL BUILDINGS



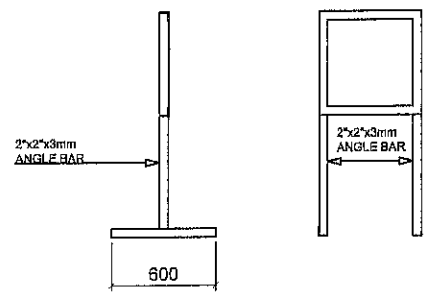
1 TRAFFIC MANAGEMENT LAYOUT PLAN
NTS




2 ADVANCE WARNING SIGNS DETAILS
1:30

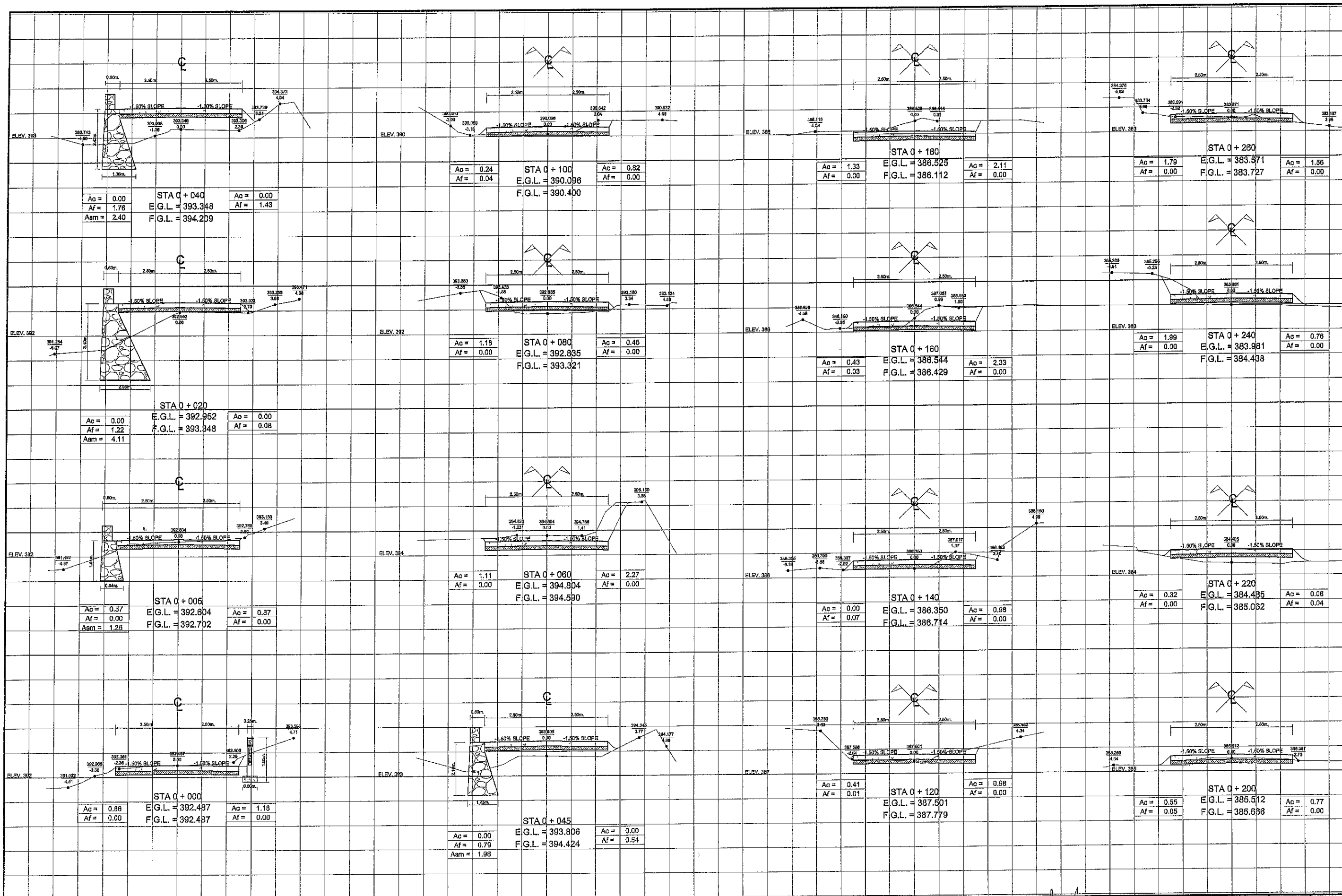


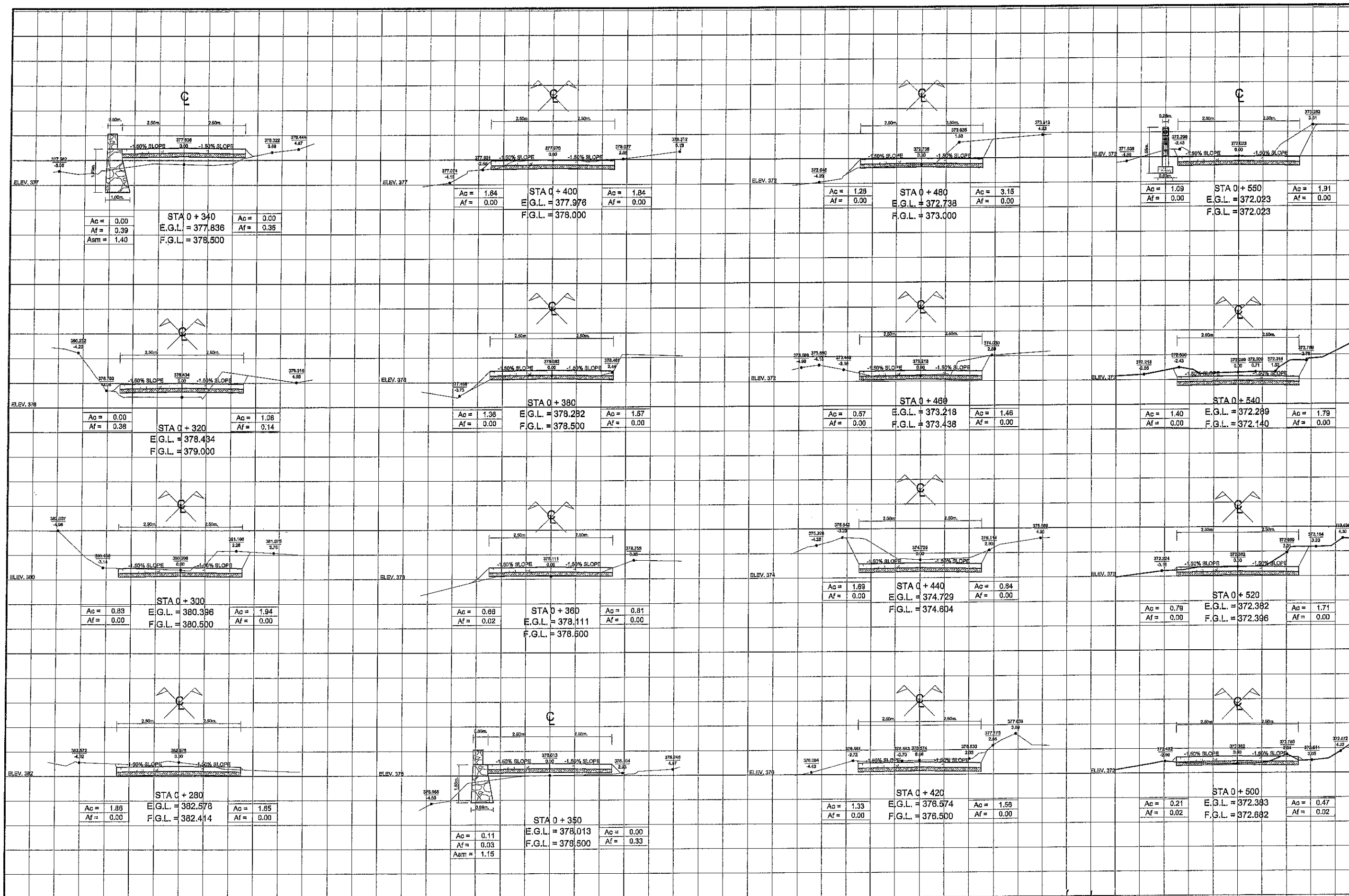
3 TEMPORARY HAZARD DETAILS
1:40



4 TYPICAL FRAMING DETAILS
1:30

| | | | | | | | | |
|---|---|---|--|---|--|--|---|----------------------------------|
|  <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION I-A BATANGAS 1ST DISTRICT ENGINEERING OFFICE BRGY. LANATAN BALAYAN, BATANGAS</p> | PROJECT NAME AND LOCATION: CONCRETING OF BRGY. BAMBANG FMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS CITY OF CALACA, BATANGAS | SHEET CONTENTS: TYPICAL ROADWORK TRAFFIC MANAGEMENT SYSTEM | DRAFTED: EARL JARRED C. ATIENZA ENGINEER II (JOB ORDER) PREPARED: SHERICA BIANCA D. MARCUAP ENGINEER II | REVIEWED: CHERRIE M. CARANDANG ENGINEER II DATE: | SUBMITTED: MISHAEL ALVYN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION DATE: | RECOMMENDED: LUISA M. SINOY OFFICER-IN-CHARGE, OFFICE OF THE ASSISTANT DISTRICT ENGINEER DATE: | APPROVED: ABELARDO D. CALACO DISTRICT ENGINEER DATE: | SHEET NO. 7 PAGE NO. 13 |
|---|---|---|--|---|--|--|---|----------------------------------|





| | | | | | | | | | |
|--|---|---|---|-------------------------------------|---|---|---|-----------|----------|
| | PROJECT NAME AND LOCATION: | SHEET CONTENTS: | DRAFTED: | REVIEWED: | SUBMITTED: | RECOMMENDED: | APPROVED: | SHEET NO. | PAGE NO. |
| | CONCRETING OF BRGY. BAMBANG PMR PHASE II, BRGY. BAMBANG, CALACA, BATANGAS CITY OF CALACA, BATANGAS | CROSS SECTION (STA. 0+280 - STA. 0+550) | EARL JARREY C. ATIENZA ENGINEER II (JOB ORDER) SHERICA BIANCA D. MARCUAP ENGINEER II | CHERRIE M. CAYANDANG ENGINEER II | MISHAEL ARWYN D. CASTILLO CHIEF, PLANNING AND DESIGN SECTION | LUISA M. SINGY OFFICER-IN-CHARGE, OFFICE OF THE ASSISTANT DISTRICT ENGINEER | ABELARDO D. CALALO DISTRICT ENGINEER | CS 2 2 | 15 15 |

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.



Department of Public Works and Highways

Contract ID:

25086210

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART A**

Part Description:

Facilities for the Engineers

(Columns (1),(2),(3), and (4) are
to be filled up by the Procuring Entity

(Columns (5) and (6) are
to be filled up by the Bidder)

| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
|-------------------------|---|----------|-------|------------------------------------|------------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| A.1.1 (8) | Provision of Field Office for the Engineer (Rental Basis) | 4.00 | Month | In words: Pesos In figures: Php | In figures: Php |
| A.1.4 (1) | Provision of Progress Photographs | 4.00 | Month | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

Contract ID:

25060210

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART B**

Part Description:

Other General Requirements

| (Columns (1),(2),(3), and (4) are to be filled up by the Procuring Entity) | | | | (Columns (5) and (6) are to be filled up by the Bidder) | |
|--|--|----------|----------|---|-----------------|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| B.4 (8) | Permanent monuments and markers | 2.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| B.5 | Project Billboard / Signboard | 3.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| B.7 (2) | Occupational Safety and Health Program | 1.00 | Lump sum | In words: Pesos In figures: Php | In figures: Php |
| B.8 (1) | Traffic Management | 4.00 | Month | In words: Pesos In figures: Php | In figures: Php |
| B.9 | Mobilization / Demobilization | 1.00 | Lump sum | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | In words: Pesos In figures: Php | |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

Contract ID:

250BQ218

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART C**

Part Description:

Earthwork

| <i>(Columns (1),(2),(3), and (4) are to be filled up by th Procuring Entity)</i> | | | | <i>(Columns (5) and (6) are to be filled up the Bidder)</i> | |
|--|---|----------|---------|---|--|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| 100 (1) | Clearing and Grubbing | 0.14 | Hectare | In words: Pesos In figures: Php | In figures: Php |
| 100 (3)a1 | Individual Removal of Trees 150 - 300 mm dia. (Small) | 45.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| 100 (3)a2 | Individual Removal of Trees 301 - 500 mm.dia (Small) | 13.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

Contract ID:

25000218

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART C**

Part Description:

Earthwork

| (Columns (1),(2),(3), and (4) are to be filled up by the Procuring Entity) | | | | (Columns (5) and (6) are to be filled up by the Bidder) | |
|--|--|----------|-------------|---|--|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| 100 (3)a3 | Individual Removal of Trees 501 - 750 mm.dia (Small) | 3.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| 100 (4) | Individual Removal of Trees above 900mm dia. (Large) | 4.00 | Each | In words: Pesos In figures: Php | In figures: Php |
| 101 (1) | Removal of Structures and Obstruction | 1.00 | Lump Sum | In words: Pesos In figures: Php | In figures: Php |
| 102 (2) | Surplus Common Excavation | 986.39 | Cubic Meter | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

250B0218

Contract ID:

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. Description

Part Description:

Earthwork

| (Columns (1),(2),(3), and (4) are to be filled up by the Procuring Entity) | | | | (Columns (5) and (6) are to be filled up by the Bidder) | |
|--|--|----------|--------------|---|------------------------------------|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| 104 (1)a | Embankment from roadway/structure excavation - Common Soil | 133.66 | Cubic Meter | In words: Pesos In figures: Php | In figures: Php |
| 105 (1)a | Subgrade Preparation - Common Material | 2,750.00 | Square Meter | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

25080218

Contract ID:

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART D**

Part Description:

Sub-base and Base Course

| (Columns (1),(2),(3), and (4) are to be filled up by the Procuring Entity) | | | | (Columns (5) and (6) are to be filled up by the Bidder) | |
|--|-----------------------|----------|-------------|---|------------------------------------|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| 201 (1) | Aggregate Base Course | 412.50 | Cubic Meter | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

Contract ID:

26PBO218

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART E**

Part Description:

Surface Course

| <i>(Columns (1),(2),(3), and (4) are to be filled up by the Procuring Entity)</i> | | | | <i>(Columns (5) and (6) are to be filled up by the Bidder)</i> | |
|---|---|----------|--------------|--|------------------------------------|
| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
| (1) | (2) | (4) | (3) | (5) | (6) |
| 311 (1)b1 | Portland Cement Concrete Pavement (Unreinforced) - 0.20 m thick (14 days) | 2,750.00 | Square Meter | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder



Department of Public Works and Highways

2508.0218

Contract ID:

Contract Name:

Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location:

City of Calaca, Batangas

BILL OF QUANTITIES

Part No. **PART G**

Part Description:

Drainage and Slope Protection Structures

*(Columns (1),(2),(3), and (4) are
to be filled up by the Procuring Entity)*

*(Columns (5) and (6) are
to be filled up by the Bidder)*

| Pay Item No. | Description | Quantity | Unit | Unit Price (Pesos) | Amount (Pesos) |
|-------------------------|---------------|----------|-------------|------------------------------------|------------------------------------|
| (1) | (2) | (4) | (3) | (5) | (6) |
| 506 (1) | Stone Masonry | 135.23 | Cubic Meter | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| | | | | In words: Pesos In figures: Php | In figures: Php |
| Sub-Total for this page | | | | | In words: Pesos In figures: Php |

Submitted by:

Name and Signature of Bidder's Representative

Date:

Position

Name of Bidder

Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

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

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

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

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

Bidding Forms

The Bidder shall use the Bidding Forms (BFs) listed below in preparing its Bid and, in case it is awarded the contract, in preparing the documents required to perfect the contract.

Bid Form

Form of Bid Security: Bank Guarantee

Form of Bid Security: Irrevocable Letter of Credit

Form of Bid Securing Declaration

Contractor's Organizational Chart for the Contract

List of Contractor's Key Personnel to be Assigned to the Contract, with their Qualification and Experience Data

List of Contractor's Equipment Units to be Assigned to the Contract, Supported by Certificates of Availability

Omnibus Sworn Statement Required by IRR Section 25.2b)iv)

Summary of Bid Prices

Cash Flow by Quarter

Performance Security: Bank Guarantee

Performance Securing Declaration

Additional Technical Requirements

Integrity Pledge

List of all contracts completed by the contractor both in government and in the private sector

List of all on-going contracts including those already awarded but not yet started, both in government and in the private sector

The bidder may download these forms from the DPWH website. The bidder may also obtain from the Procuring Entity hard copies of these forms as part of the **BDs** for the contract.

Department of Public Works and Highways

Contract ID: 25DB0218
Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas
Contract Location: City of Calaca, Batangas

BID FORM

Date: _____
Project Identification No.: _____

To: Department of Public Works and Highways Batangas 1st DEO
Brgy. Lanatan, Balayan, Batangas

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, declared 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 GPB guidelines¹² for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated bid or any other Bid that you may receive.

¹²currently based on GPPB Resolution No. 09-2020

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

k. We likewise certify/confirm that the undersigned, is duly authorized representative of the bidder, and granted full power and authority to do, execute we have examined and have no reservation on the Bidding Documents (BDs), including Supplemental/Bid Bulletins, for the above stated contract.

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 on behalf of: _____

Date: _____

Department of Public Works and Highways

Contract ID: 25DB0218
Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas
Contract Location: City of Calaca, Batangas

FORM OF BID SECURITY: BANK GUARANTEE

WHEREAS, Name of Bidder, hereinafter called "the Bidder," has submitted its bid dated _____ for the Contract ID and Name, hereinafter called "the Bid."

KNOW ALL MEN by these presents that We, Name of Bank of Name of Country, having our registered office at _____, hereinafter called "the Bank," are bound unto Name of Procuring Entity, hereinafter called "the Entity," in the sum of amount in words and figures for which payment well and truly to be made to the said Entity the Bank binds itself, its successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are that:

- 1) if the Bidder withdraws the Bid during the period of bid validity specified in the Form of Bid; or
- 2) if the Bidder does not accept the correction of arithmetical errors of its bid price in accordance with the Instructions to Bidder; or
- 3) if the Bidder having been notified of the acceptance of the Bid and award of contract to it by the Entity during the period of bid validity:
 - a) fails or refuses to submit the requirements for and to execute the Form of Contract in accordance with the Instructions to Bidders, if required; or
 - b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

we undertake to pay to the Entity up to the above amount upon receipt of its first written demand, without the Entity having to substantiate its demand, provided that in its demand the Entity will note that the amount claimed by it is due to the occurrence of any one or combination of the three (3) conditions stated above.

The Guarantee will remain in force up to a period of _____ days from the opening of bids as stated in the Instructions to Bidders or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank within the said period.

Name and Signature of Bank's Authorized Signatory
Position

Date: _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

FORM OF BID SECURITY: IRREVOCABLE LETTER OF CREDIT

Date of Issuance

Name of Head of Procuring Entity

Position

Department of Public Works and Highways Batangas 1st DEO

Brgy. Lanatan, Balayan, Batangas

Irrevocable Letter of Credit No.

For: Contract ID and Name

WHEREAS, Name of Bidder, hereinafter called the "Bidder," has undertaken to submit to you a bid for the abovestated Contract, and whereas you have stipulated in the Instructions to Bidders for the said Contract that the Bidder shall furnish you with an irrevocable standby Letter of Credit for a sum specified therein as Bid Security for the faithful compliance of the obligations of the Bidder:

WHEREAS, the Conditions of this obligation are that:

- 1) if the Bidder withdraws the Bid during the period of bid validity specified in the Form of Bid; or
- 2) if the Bidder does not accept the correction of arithmetical errors of its bid price in accordance with the Instructions to Bidder; or
- 3) if the Bidder, having been notified of the acceptance of the Bid and award of contract to it by the Entity during the period of bid validity:
 - a) fails or refuses to submit the requirements for and to execute the Form of Contract in accordance with the Instructions to Bidders; or
 - b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

we undertake to pay to the Entity up to the above amount upon receipt of its first written demand, without the Entity having to substantiate its demand, provided that in its demand the Entity will note that the amount claimed by it is due to the occurrence of any one or combination of the three (3) conditions stated above.

WHEREAS, we have agreed to guarantee this obligation of the Bidder.

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

THEREFORE, we hereby affirm that we are guarantors and responsible to you, on behalf of the Bidder, up to the total amount of amount of guarantee and we undertake to pay you, upon first written demand declaring the Bidder to be in default under the Instructions to Bidders and without cavil or argument, any sum or sums within the limits of amount of guarantee as aforesaid, without you needing to prove or show grounds or reasons for your demand for the sum specified therein.

This irrevocable guarantee is valid until one hundred twenty (120) calendar days after the date of opening of bids for the said Contract on date.

This certification is being issued in favor of the said Bidder in connection with your requirements of the bidding for the said Contract. We are aware that any false statements issued by us make us liable to perjury.

Name and Signature of Authorized Financing Institution
Official Designation

Concurred by:

Name and Signature of Bidder's Authorized Representative
Official Designation

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

X-----X

BID-SECURING DECLARATION

Project Identification No.: [Insert number]

To: Department of Public Works and Highways Batangas 1st DEO

Brgy. Lanatan, Balayan, Batangas

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 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;
 - (c) I am/we are declared as 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'S
AUTHORIZED REPRESENTATIVE
[Insert signatory's legal capacity]
Affiant

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/ are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. ____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, [date issued], [place issued]

IBP No. __, [date issued], [place issued]

Doc. No. ____

Page No. ____

Book No. ____

Series of ____.

Note: This must be dry-sealed.

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

CONTRACTOR'S ORGANIZATIONAL CHART FOR THE CONTRACT

Submit a copy of the Organizational Chart that the Contractor intends to use to execute the Contract if awarded to it. Indicate in the chart the names of the Project Manager, Project Engineer, Structural Engineer, Materials and Quality Control Engineer, Foremen, and other Key Personnel, as required in the Instructions to Bidders (Bid Data Sheet). Include Sub-Contractors, if any.

Attach the required Proposed Organizational Chart for the Contract as stated above.

Name and Signature of Bidder's Representative

Date: _____

Position

Name of Bidder

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

**LIST OF CONTRACTOR'S KEY PERSONNEL TO BE ASSIGNED TO THE
CONTRACT, WITH THEIR QUALIFICATION DATA**

Date of Issuance

Name of Head of Procuring Entity

Position

Department of Public Works and Highways Batangas I DEO

Brgy. Lanatan, Balayan, Batangas

Dear Sir/Madame:

Supplementing our Organizational Chart for the abovestated Contract, we submit, and certify as true and

1. We have engaged the services of the following key personnel to perform the duties of the positions indicated in the abovestated Contract if it is awarded to us:

| Proposed Position (<i>as applicable</i>) | Name | Years of Experience | |
|--|------|-----------------------------|------------------|
| | | Total (Similar and Related) | Similar Position |
| Project Manager | | | |
| Project Engineer | | | |
| Materials Engineer | | | |
| Construction Safety Officer | | | |
| Foreman | | | |
| <i>Others (specify)</i> | | | |

2. We submit the enclosed Curriculum Vitae and Affidavits of Commitment to Work on the Contract of these key personnel.
3. We ensure that the abovementioned personnel 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 key personnel, we shall submit to you in writing at least fourteen (14) days before making the replacement, for your approval, the name and biodata of the proposed replacement whose qualifications shall be equal to or better than that of the person to be replaced.

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

5. We understand that any violation of the abovestated conditions shall be a sufficient ground for us to be disqualified from this Contract and future biddings of the DPWH.

Very truly yours,

Name and Signature of Bidder's Authorized Representative

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

KEY PERSONNEL'S AFFIDAVIT OF COMMITMENT TO WORK ON THE CONTRACT

Date of Issuance

Name of Head of Procuring Entity

Position

Name of Procuring Entity

Address

Dear Sir/Madame:

I confirm that _____ Name of Contractor _____ has engaged my services for the position of _____ in the above stated Contract if it is awarded to the Contractor.

1. I, therefore, commit to assume the said position in the above stated Contract once it is awarded to the Contractor, and I shall employ the best care, skill, and ability to perform the duties of such position in accordance with Conditions of Contract, Specifications, Drawings, and other provisions of the Contract Agreement. I am aware that I have to stay in the jobsite for the duration of my assignment.
2. I do not allow the use of my name to enable the Contractor to qualify for the above stated Contract without my commitment to assume the said position, since I understand that to do so shall be a sufficient ground for my disqualification from this Contract and future biddings of DPWH.
3. I submit, and as certify true and correct, my bio-data as follows:

| | | |
|------------------------------|---|-------|
| a. Name | : | _____ |
| b. Date and Birth | : | _____ |
| c. Nationality | : | _____ |
| d. Educational Attainment | : | _____ |
| e. Specialty | : | _____ |
| f. PRC License No. and Date | : | _____ |
| g. Tax Information No. (TIN) | : | _____ |
| h. Employment Record | : | _____ |

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

| Name & Address of Employer | Position | From Mo./Yr. | To Mo./Yr. | Total Period Yrs. & Mos. |
|----------------------------|----------|-----------------|---------------|-----------------------------|
|----------------------------|----------|-----------------|---------------|-----------------------------|

i. Work Experience (Projects Handled):

| i. Proj. Name & Location | i. Proj. Description | i. Proj. Description | i. Start Date |
|----------------------------|----------------------|----------------------|-----------------|
| ii. Owner's Name & Address | ii. Total Proj. Cost | ii. Total Proj. Cost | ii. Compl. Date |
| iii. My Position | | | |

Completed Projects:

On-going Projects:

(use another sheet, if necessary)

Very truly yours,

Name and Signature of Personnel

Noted by:

Name and Signature of Contractor's Authorized Representative

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

REPUBLIC OF THE PHILIPPINES)

CITY OF)

SUBSCIBED and SWORN TO before me this _____ day of _____, 20____ at _____, affiant exhibiting to me his/ her Residence Certificate No. _____ issued at _____ on _____.

Notary Public

Doc. No. _____

Until _____

Page No. _____

PTR No. _____

Book No. _____

Issued at _____

Series No. _____

Issued on _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

**LIST OF CONTRACTOR'S MAJOR CONSTRUCTION AND LABORATORY EQUIPMENT UNITS TO BE ASSIGNED TO THE CONTRACT,
SUPPORTED BY CERTIFICATIONS OF AVAILABILITY**

Business Name : _____
Business Address : _____

| Description | Model/Year | Capacity / Performance / Size | Plate No. | Motor No. / Body No. | Location | Condition | Proof of Ownership / Lease/Purchase |
|---|------------|-------------------------------|-----------|----------------------|----------|-----------|-------------------------------------|
| A. Owned¹ | | | | | | | |
| i. | | | | | | | |
| ii. | | | | | | | |
| iii. | | | | | | | |
| iv. | | | | | | | |
| v. | | | | | | | |
| B. Leased² | | | | | | | |
| i. | | | | | | | |
| ii. | | | | | | | |
| iii. | | | | | | | |
| iv. | | | | | | | |
| v. | | | | | | | |
| C. Under Purchase Agreements³ | | | | | | | |
| i. | | | | | | | |
| ii. | | | | | | | |
| iii. | | | | | | | |
| iv. | | | | | | | |
| v. | | | | | | | |

¹ Attached are copies of sales invoices / Registration Certificates from LTO.

² Attached are the certifications from the lessors that the equipment units under B (Leased) shall be available for this contract.

³ Attached are the certifications from the vendors that the equipment units under C (Purchase Agreements) shall be available for this contract.

Minimum major construction equipment requirement as prescribed in the Bid Data Sheet:

Minimum major laboratory equipment requirements as prescribed in Bid Data Sheet:

Name and Signature of Bidder's Representative

Position

Name of Bidder

Date: _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy: Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

OMNIBUS SWORN STATEMENT
AS REQUIRED BY RA 9184-IRR SECTION 25.2b)iv)

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], [insert "as shown in the attached duly notarized Special Power of Attorney" for the authorized representative];

[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;

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

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 GPPB Resolution No. 16-2020, dated 16 September 2020 Page 31 of 39 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;

8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:

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

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

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR-Phase II; Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is personally known to me and was identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

Witness my hand and seal this ____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, *[date issued]*, *[place issued]*

IBP No. __, *[date issued]*, *[place issued]*

Doc. No. ____

Page No. ____

Book No. ____

Series of ____.

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

SUMMARY OF BID PRICES
(All Parts of Bill of Quantities or BOQ)

Instructions for completing the Summary of Bid Prices:

1. Part No. – Enter the “Part No.” for each section of the BOQ where unit prices are entered.
2. Part Description – Enter the “Part Description” corresponding to the “Part No.”
3. Total Amount – Enter the “Total Amount” in Pesos for all pages having the same “Part Description”

[illegible]

Name _____ in the capacity of _____

Signed _____ Date _____

Duly authorized to sign the Bid for and on behalf of _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

Cash Flow by Quarter

| PARTICULAR | TOTAL | YEAR ____ | | | | YEAR ____ | | | |
|---------------------------------|---------|-----------|-------|-------|-------|-----------|-------|-------|-------|
| | | 1st Q | 2nd Q | 3rd Q | 4th Q | 1ST Q | 2ND Q | 3RD Q | 4TH Q |
| ACCOMPLISHMENT, IN % | 100.00% | | | | | | | | |
| CASH FLOW, IN PhP | | | | | | | | | |
| CUMULATIVE ACCOMPLISHMENT, IN % | 100.00% | | | | | | | | |
| CUMULATIVE CASH FLOW, IN PhP | | | | | | | | | |

| PARTICULAR | TOTAL | YEAR ____ | | | | YEAR ____ | | | |
|---------------------------------|---------|-----------|-------|-------|-------|-----------|-------|-------|-------|
| | | 1st Q | 2nd Q | 3rd Q | 4th Q | 1ST Q | 2ND Q | 3RD Q | 4TH Q |
| ACCOMPLISHMENT, IN % | 100.00% | | | | | | | | |
| CASH FLOW, IN PhP | | | | | | | | | |
| CUMULATIVE ACCOMPLISHMENT, IN % | 100.00% | | | | | | | | |
| CUMULATIVE CASH FLOW, IN PhP | | | | | | | | | |

Submitted by:

Name and Signature of Bidder's Representative

Position

Name of Bidder

Date: _____

Department of Public Works and Highways

Contract ID: 25DB0218
Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas
Contract Location: City of Calaca, Batangas

PERFORMANCE SECURITY: BANK GUARANTEE

To : Name of Head of the Procuring Entity
Address

WHEREAS, Name and Address of Contractor, hereinafter called "the Contractor," has undertaken to enter into a contract with you to execute Contract ID and Name, hereinafter called "the Contract;"

WHEREAS, you have stipulated in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as Performance Security for compliance with his obligations in accordance with the Contract; and

WHEREAS, we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE, we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of amount of guarantee, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of amount of guarantee as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

The right to institute action on this guarantee pursuant to Act No. 3688 of any individual, firm, partnership, corporation and association supplying the Contractor with labor and materials for the prosecution of the works is hereby acknowledged and confirmed.

This guarantee shall be valid until the date of issuance to the Contractor of your Certificate of Acceptance of the completed Contract works after the end of the one-year Defects Liability Period of the Contract and upon the submission of the required Warranty Security.

SIGNATURE AND SEAL OF THE GUARANTOR _____

NAME OF BANK _____

ADDRESS _____

DATE _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

X-----X

AFFIDAVIT

PERFORMANCE SECURING DECLARATION

Invitation to Bid: *[Insert reference number indicated in the Bidding Documents]*

To: Department of Public Works and Highways Batangas 1st DEO
Brgy. Lanatan, Balayan, Batangas

I/We, the undersigned, declare that:

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

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

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

Department of Public Works and Highways

Contract ID: 25DB0218
Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas
Contract Location: City of Calaca, Batangas

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/ are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. ___, [date issued], [place issued]
IBP No. ___, [date issued], [place issued]

Doc. No.
Page No. ____
Book No. ____
Series of _____.

Note: This must be dry-sealed.

Department of Public Works and Highways

Contract ID: 25DB0218
Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas
Contract Location: City of Calaca, Batangas

Additional Technical Requirements

(DEPARTMENT ORDER NO. 09 DATED FEBRUARY 27, 2012)

I, _____, Filipino, of legal age with postal and business address at _____, hereby state that: _____

1. That I am the Authorized Managing Officer Manager/President of _____ firm duly licensed, organized and existing by virtue of the laws of the Republic of the Philippines with postal and business address at _____.
2. That the Equipment we have pledge in the project to be bid will be available for inspection during the post qualification period in the office compound _____ in compliance with Department Order No. 09 series of 2012 (dated February 27, 2012) and Department Order No. 58 Series of 2012.
3. That the Technical Personnel I have submitted in the bidding documents is an employee of my firm and if working on another project at the time of the bidding, I certify that: (1) the personnel will be pulled out from the on-going project once the contract is awarded and (2) he/she will be replaced with another person with equal or better qualification.
4. That I am making this statement is part of the requirement for the Technical Proposal of the DPWH – Batangas 1st District Engineering Office, Brgy. Lanatan, Balayan, Batangas.

Authorized Managing Officer/Manager/President

Republic of the Philippines)
_____) S.S.

SUBSCRIBED AND SWORN TO before this _____ day of _____ 2020 at _____, Philippines, affiant exhibiting his Community Tax Certificate No. _____ issued at _____ on _____.

Notary Public

Doc No. _____
Page No. _____
Book No. _____

Department of Public Works and Highways

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

**INTEGRITY PLEDGE
For DPWH Contractor**

We believe that corruption detracts from the contribution of Infrastructure projects to national development.

We recognize that the national executive government, in particular the DPWH leadership, is taking initiatives to reduce corruption and promote Integrity.

We realize that such initiatives cannot be successful without our full cooperation.

As professionals, business owners and development partners, we are fully aware of our responsibility to our stakeholders and to society to conduct our business with the highest degree of professionalism and ethical standards.

In view of the following, we pledge the following:

- We will promote healthy competition and will not engage in collusion and rigging that make a mockery of the bidding process.
- We will provide value-for-money services by including in our bid offers only the cost that go directly to the project and reasonable profit, and by executing projects in accordance with engineering standards.
- We will not engage in bribery in cash or in any other form and we will not offer or yield to any demand or request for payoff money.
- We will maintain only one book of accounts and we will ensure that our financial reports are accurate and transparent.
- We will install internal controls and systems for good governance and accountability.
- We will ensure that our employees embrace our commitment to integrity by developing or enhancing our Internal Code of Conduct.
- We will continue to participate in dialogues with DPWH and fellow contractors to address any concerns in a fair and transparent manner.

Name and Signature

Chief Executive Officer/Managing Owner

Company

Date Signed

Contract ID: 25DB0218

Contract Name: Concreting of Brgy. Bambang FMR Phase II, Brgy. Bambang, Calaca, Batangas

Contract Location: City of Calaca, Batangas

1. List of all contracts completed by the contractor both in government and in the private sector: Attach Annex "I"

[illegible]

Key: WA = Work Accomplished
TE = Time Elapsed