

PHILIPPINE BIDDING DOCUMENTS
(As Harmonized with Development Partners)

**Procurement of
INFRASTRUCTURE
PROJECTS**

Government of the Republic of the Philippines

Project Reference No.
I.B. No. 2022-05

Project Title:
**Demolition of Old Concrete Pavement and
Construction of New Concrete Road along Bagong
Lipunan Building**

PhP1,065,388.00

**Sixth Edition
July 2020**

Preface

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

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

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

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

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

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

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

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

Foreign-funded Procurement or Foreign-Assisted Project – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as

specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid



West Visayas State University JANIUAY CAMPUS

(Formerly Janiuay Polytechnic College, Don Tiburcio A. Lutero National Comp. High School, Janiuay Nat'l Comp. High School, Janiuay National Vocational High School, Janiuay High School)

OFFICE OF THE BIDS AND AWARDS COMMITTEE

Janiuay, Iloilo, Philippines

*Trunkline: (063) (033) 330-3485

* Website: www.wvsu.edu.ph *Email Address: supply.jc@wvsu.edu.ph



INVITATION TO BID FOR DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG BAGONG LIPUNAN BUILDING IB No. 2022-05

1. The West Visayas State University - Janiuay Campus, through the 2022 Fund 164 intends to apply the sum of One Million Sixty-Five Thousand Three Hundred Eighty-Eight Pesos (PhP1,065,388.00) Only being the Approved Budget for the Contract (ABC) to payments under the contract for Demolition of Old Concrete Pavement and Construction of New Concrete Road along Bagong Lipunan Building with I.B. No. 2022-05. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The West Visayas State University – Janiuay Campus now invites bids for the above Procurement Project. Completion of the Works is required Forty (40) Calendar Days. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from West Visayas State University – Janiuay Campus and inspect the Bidding Documents at the address given below from 8:00 A.M. – 5:00 P.M.
5. A complete set of Bidding Documents may be acquired by interested bidders on August 11 – 31, 2022 from given address and website/s below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Php2,500.00*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *in person, by facsimile, or through electronic means*.
6. The West Visayas State University – Janiuay Campus will hold a Pre-Bid Conference¹ on August 19, 2022; 10:00 A.M. through video conferencing or webcasting via google meet/zoom, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through (i) **manual submission at the office address as indicated below**, (ii) **online or electronic submission as indicated below**, or (iii) **both** on or before August 31, 2022; 10:00 A.M. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.

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

9. Bid opening shall be on August 31, 2022; 10:00 A.M. at the given address below and/or through *electronic submission using a two-factor security procedure consisting of an archive format compression and password protection with separate password for technical and financial component envelope.* Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. Requiring the Bidders to submit their bids using a two-factor security procedure consisting of an archive format compression and password protection with separate password for technical and financial component envelope and disclose the password for accessing their respective bid submission only during the actual bid opening.
11. The West Visayas State University – Janiuay Campus reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. Only one (1) representative per bidder will be allowed to attend the bid opening. Health and safety protocols like wearing of face mask and physical distancing will be strictly observed.
13. For further information, please refer to:

RIZA R. LADON
BAC Secretariat
West Visayas State University – Janiuay Campus
Locsin St., Janiuay, Iloilo
09950589425
14. You may visit the following websites:
For downloading of Bidding Documents: www.wvsu.edu.ph
For online bid submission: supply.jc@wvsu.edu.ph

August 10, 2022


FLORENCIO L. CORDURA, Jr., MAT. Math.
BAC, Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, West Visayas State University – Janiuay Campus invites Bids for the Demolition of Old Concrete Pavement and Construction of New Concrete Road along Bagong Lipunan Building, with Project Identification Number IB. No. 2022-05.

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 FY 2022 in the amount of PhP1,065,388.00.

2.2. The source of funding is:

- a. NGA, the General Appropriations Act or Special Appropriations.

3. Bidding Requirements

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

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

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

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

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

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

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

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

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

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

- b. Subcontracting is not allowed.

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 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

- 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 December 28, 2022. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

The Procuring Entity may request additional hard copies and/or electronic copies of 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

| ITB Clause | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|----------------------------|---------------------------|----------------------------|------------------------------------|------------------------------|----------------|------------------------------|------------------------------|----------------|-----------------------|------------------------------|----------------|--------------------------|------------------------------|----------------|-------------------------|-----------------|----------|------------------|-----------------|----------|---------------|-----------------|----------|-------------------|----------------|----------|-------------------|--------------------------|----------|
| 5.2 | For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <i>Demolition of existing worn-out and damaged concrete road, grading, gravel bedding and compaction, hauling of demolished debris, concrete pouring of new road and clearing, cleaning/housekeeping works.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1 | <i>Not Applicable.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.3 | <i>No Additional Requirements.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.4 | The key personnel must meet the required minimum years of experience set below: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td><i>Project Engineer</i></td> <td><i>Building Construction</i></td> <td style="text-align: center;"><i>3 years</i></td> </tr> <tr> <td><i>Site Engineer</i></td> <td><i>Building Construction</i></td> <td style="text-align: center;"><i>3 years</i></td> </tr> <tr> <td><i>Safety Officer</i></td> <td><i>Building Construction</i></td> <td style="text-align: center;"><i>3 years</i></td> </tr> <tr> <td><i>First Aider</i></td> <td><i>Building Construction</i></td> <td style="text-align: center;"><i>3 years</i></td> </tr> </tbody> </table> | <u>Key Personnel</u> | <u>General Experience</u> | <u>Relevant Experience</u> | <i>Project Engineer</i> | <i>Building Construction</i> | <i>3 years</i> | <i>Site Engineer</i> | <i>Building Construction</i> | <i>3 years</i> | <i>Safety Officer</i> | <i>Building Construction</i> | <i>3 years</i> | <i>First Aider</i> | <i>Building Construction</i> | <i>3 years</i> | | | | | | | | | | | | | | | |
| <u>Key Personnel</u> | <u>General Experience</u> | <u>Relevant Experience</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Project Engineer</i> | <i>Building Construction</i> | <i>3 years</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Site Engineer</i> | <i>Building Construction</i> | <i>3 years</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Safety Officer</i> | <i>Building Construction</i> | <i>3 years</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>First Aider</i> | <i>Building Construction</i> | <i>3 years</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.5 | The minimum major equipment requirements are the following: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Equipment</u></th> <th style="text-align: center;"><u>Capacity</u></th> <th style="text-align: center;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td><i>Backhoe w/ concrete breaker</i></td> <td style="text-align: center;"><i>1 cu.m. bucket</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Bagger concrete mixer</i></td> <td style="text-align: center;"><i>1 bag</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Power tools</i></td> <td style="text-align: center;"><i>standard</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Concrete vibrator</i></td> <td style="text-align: center;"><i>standard</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Electric cut-off</i></td> <td style="text-align: center;"><i>standard</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Compactor</i></td> <td style="text-align: center;"><i>standard</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Grader</i></td> <td style="text-align: center;"><i>standard</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Pay Loader</i></td> <td style="text-align: center;"><i>3 cu.m.</i></td> <td style="text-align: center;"><i>1</i></td> </tr> <tr> <td><i>Dump truck</i></td> <td style="text-align: center;"><i>8 cu.m. or higher</i></td> <td style="text-align: center;"><i>1</i></td> </tr> </tbody> </table> | <u>Equipment</u> | <u>Capacity</u> | <u>Number of Units</u> | <i>Backhoe w/ concrete breaker</i> | <i>1 cu.m. bucket</i> | <i>1</i> | <i>Bagger concrete mixer</i> | <i>1 bag</i> | <i>1</i> | <i>Power tools</i> | <i>standard</i> | <i>1</i> | <i>Concrete vibrator</i> | <i>standard</i> | <i>1</i> | <i>Electric cut-off</i> | <i>standard</i> | <i>1</i> | <i>Compactor</i> | <i>standard</i> | <i>1</i> | <i>Grader</i> | <i>standard</i> | <i>1</i> | <i>Pay Loader</i> | <i>3 cu.m.</i> | <i>1</i> | <i>Dump truck</i> | <i>8 cu.m. or higher</i> | <i>1</i> |
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| <i>Concrete vibrator</i> | <i>standard</i> | <i>1</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Electric cut-off</i> | <i>standard</i> | <i>1</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Compactor</i> | <i>standard</i> | <i>1</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <i>Dump truck</i> | <i>8 cu.m. or higher</i> | <i>1</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | <i>Not Applicable.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15.1 | The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <ol style="list-style-type: none"> a. The amount of not less than <i>PhP21,307.76</i> [<i>two percent (2%) of ABC</i>], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than <i>PhP53,269.40</i> [<i>five percent (5%) of ABC</i>] if bid security is in Surety Bond. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19.2 | Partial bids are allowed, as follows: <i>Not Applicable.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | <i>No Additional Requirements.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section IV. General Conditions of Contract

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

| GCC Clause | |
|------------|--|
| 2 | <i>Not Applicable.</i> |
| 4.1 | <i>Not Applicable.</i> |
| 6 | <p>The site investigation reports are:</p> <ul style="list-style-type: none"> • <i>The existing concrete road is old, damaged and worn-out and needs to be demolished and replaced.</i> • <i>The existing concrete road is too narrow making it difficult to maneuver especially at the curve along the corner of the mango tree resulting to accidents from time to time.</i> |
| 7.2 | Twenty (20) years. |
| 10 | b. No dayworks are applicable to the contract. |
| 11.1 | The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>five (5) calendar days</i> of delivery of the Notice of Award. |
| 11.2 | The amount to be withheld for late submission of an updated Program of Work is <i>PhP 5,000.00</i> |
| 13 | The amount of the advance payment <i>shall not exceed 15% of the total contract price and schedule of payment.</i> |
| 14 | <i>Not Allowed.</i> |
| 15.1 | <p>The date by which operating and maintenance manuals are required is <i>upon completion.</i></p> <p>The date by which "as built" drawings are required is <i>upon completion.</i></p> |
| 15.2 | The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is <i>PhP 50,000.00.</i> |

Section VI. Specification

Project Title: Demolition of Old concrete pavement and construction of new concrete road along the Bagong Lipunan Building

Owner: WVSU-Janiuay Campus

Location: Janiuay, Iloilo

STRUCTURAL SPECIFICATIONS GENERAL PROVISIONS

I. EARTHWORKS

1. MOBILIZATION/DEMOBOLIZATION

DESCRIPTION

The intent of this item is to provide for the Contractor's contingent or incidental expense in setting up field offices, mobilization and demobilization of equipment, setting up plants, providing sanitary facilities, providing any watchman service required, and providing other services called for in the Technical Specifications or indicated on the Construction Plans and for which no direct payment is allowed. The units stated hereinafter shall be included for payment under this item, but a unit not specifically included herein and required elsewhere in the Construction Plans and Technical Specifications shall not be cause for additional compensation.

SCOPE OF WORK

- a) Contractor shall be solely responsible for maintaining safe vehicular and pedestrian access and passage, and emergency vehicle access and passage on the site at all times.
- b) It is the responsibility of the Contractor to replace and/or restore all materials stored on the site subject to demolition and/or theft, and shall provide and pay for such watchman's service during the construction period as may be required.

II. DEMOLITION WORKS

1.1 DESCRIPTION:

This section specifies demolition and removal of buildings, portions of buildings, utilities, other structures and debris from trash dumps shown.

1.2 PROTECTION:

- a) Perform demolition in such manner as to eliminate hazards to persons and property; to minimize interference with use of adjacent areas, utilities and structures or interruption of use of such utilities; and to provide free passage to and from such adjacent areas of structures.
- b) Provide safeguards, including warning signs, barricades, temporary fences, warning lights, and other similar items that are required for protection of all personnel during demolition and removal operations.
- c) Maintain fences, barricades, lights, and other similar items around exposed excavations until such excavations have been completely filled.
- d) Provide enclosed dust chutes with control gates from each floor to carry debris to truck beds and govern flow of material into truck. Provide overhead bridges of tight board or prefabricated metal construction at dust chutes to protect persons and property from falling debris.
- e) Prevent spread of flying particles and dust. Sprinkle rubbish and debris with water to keep dust to a minimum. Do not use water if it results in hazardous or

objectionable condition such as, but not limited to; ice, flooding, or pollution. Vacuum and dust the work area daily.

- f) In addition to previously listed fire and safety rules to be observed in performance of work, include following:
 - i. No wall or part of wall shall be permitted to fall outwardly from structures.
 - ii. Maintain at least one stairway in each structure in usable condition to highest remaining floor. Keep stairway free of obstructions and debris until that level of structure has been removed.
 - iii. Wherever a cutting torch or other equipment that might cause a fire is used, provide and maintain fire extinguishers nearby ready for immediate use. Instruct all possible users in use of fire extinguishers.
 - iv. Keep hydrants clear and accessible at all times. Prohibit debris from accumulating within a radius of 4500 mm (15 feet) of fire hydrants.
- g) Before beginning any demolition work, the Contractor shall survey the site and examine the drawings and specifications to determine the extent of the work. The contractor shall take necessary precautions to avoid damages to existing items to remain in place, to be reused, or to remain the property of the // Medical Center // Cemetery Property //; any damaged items shall be repaired or replaced as approved by the Resident Engineer. The Contractor shall coordinate the work of this section with all other work and shall construct and maintain shoring, bracing, and supports as required. The Contractor shall ensure that structural elements are not overloaded and shall be responsible for increasing structural supports or adding new supports as may be required as a result of any cutting, removal, or demolition work performed under this contract. Do not overload structural elements. Provide new supports and reinforcement for existing construction weakened by demolition or removal works. Repairs, reinforcement, or structural replacement must have Resident Engineer's approval.
- h) Demolish and remove outside utility service lines shown to be removed.
- i) Remove abandoned outside utility lines that would interfere with installation of new utility lines and new construction.

1.3 DEMOLITION:

- a) Completely demolish and remove buildings and structures, including all appurtenances related or connected thereto, as noted below:
 - i. As required for installation of new utility service lines.
 - ii. To full depth within an area defined by hypothetical lines located 1500 mm (5 feet) outside building lines of new structures.
- b) Debris, including brick, concrete, stone, metals and similar materials shall become property of Contractor and shall be disposed of by him daily, off the work area to avoid accumulation at the demolition site. Materials that cannot be removed daily shall be stored in areas specified by the PPFS. Break up concrete slabs below grade that do not require removal from present location into pieces not exceeding 600 mm (24 inches) square to permit drainage. Contractor shall dispose debris in compliance with applicable federal, state or local permits, rules and/or regulations.
- c) In removing buildings and structures of more than two stories, demolish work story by story starting at highest level and progressing down to third floor level. Demolition of first and second stories may proceed simultaneously.
- d) Remove and legally dispose of all materials, other than earth to remain as part of project work, from any trash dumps shown. Materials removed shall become property of contractor and shall be disposed of in compliance with applicable national, provincial or local permits, rules and/or regulations be hauled to specified disposal site. All materials in the indicated trash dump areas, including above surrounding grade and extending to a depth of 1500mm (5feet)

below surrounding grade, shall be included as part of the lump sum compensation for the work of this section. Materials that are located beneath the surface of the surrounding ground more than 1500 mm (5 feet), or materials that are discovered to be hazardous, shall be handled as unforeseen. The removal of hazardous material shall be referred to Hazardous Materials specifications.

- e) Remove existing utilities as indicated or uncovered by work and terminate in a manner conforming to the nationally recognized code covering the specific utility and approved by the Resident Engineer. When Utility lines are encountered that are not indicated on the drawings, the PPFS shall be notified prior to further work in that area.

1.4 CLEAN-UP:

On completion of work of this section and after removal of all debris, leave site in clean condition satisfactory to the Physical Plant Supervisor. Clean-up shall include the disposal of all items and materials not required to remain property of the Government as well as all debris and rubbish resulting from demolition operations.

III. EXCAVATION AND BACKFILLING

1. Scope of Work

The Contractor shall furnish all labor, materials, equipment, plant and other facilities and perform all work necessary to complete the preparation of site, excavation, filling and grading in strict compliance with the applicable drawings and as specified herein.

2. Stake and Batter Boards

The Contractor shall stake out the buildings accurately and establish grades, after which the approval of the Owner shall be secured before any excavation work is started.

Basic batter boards and basic reference marks shall be erected at the expense of the Contractor, at such places where they will not be disturbed during construction. Materials shall be stored and work shall be conducted in such manner as to preserve all reference marks set.

The Contractor shall construct two (2) permanent benchmarks of previously known elevations near or within the site of construction for determining any settlement that may occur during the progress of construction.

Elevation reading shall be taken on at least four (4) points in the buildings and other related structures. A permanent record of the weekly reading shall be kept at construction site and monthly report thereof shall be submitted to the Owner unless some unusual reading is observed in which case report shall be made immediately.

A. Excavation

Excavation work shall commence after the fill has thoroughly compacted and attained the required elevation.

The Contractor shall make all necessary excavation for foundations to grade indicated on the Drawings. All trenches shall be excavated at a neat size, leveled to a line at the bottom, which is ready to receive the foundation. The Contractor shall not excavate to a depth below elevations

shown on the Drawings. Work that is excavated to a greater depth than required by the drawings and this specification shall be filled with lean concrete ($f_c' = 13.8 \text{ Mpa}$) at the expense of the Contractor.

No footings shall rest on fill. If the excavations for foundation reveal that footing will rest on fill, excavations shall be carried until the desired stratum is reached for safe bearing. All excavations shall be made with proper allowance made for floor slabs and forms. Bottom of footing and foundations shall be approximately level, clean and clear of loose materials with the lower section true to size.

All excavation for drainage, sewer and water services, and other underground utilities, which are within the property line or scope of work indicated on the Plans, are included.

Sheathing shall be driven below the bottom of excavation deep enough. Where walls or footings are to be poured without forms, trench sides shall be sharp and true.

The Contractor, at all times protects the excavation and trenches from damage due to water. He shall provide pumps and equipment, build enclosures and shall construct and maintain temporary drainage and do all pumping necessary to keep the excavation free of water. Sheet piling if needed shall be provided and tightly driven, shored and braced to maintain its position until removed.

B. Utilities

When encountered in work or as indicated, protect the existing active sewer, water, gas, electric, other utility services, and structures, when required for proper execution of work, relocate them as directed. If encountered, requiring protection or relocation, request in writing for decision of the Owner. Do not proceed until written instructions are obtained.

C. Backfilling, Grading and Compaction

After forms have been removed from footings, beams, foundations, walls, etc., and when the concrete work has attained full designed strength, backfill shall be placed free from waste and objectionable matters. After the backfill has settled, the Contractor shall fill all shallow places to bring the backfill area to grade. The Contractor shall grade the site within the area indicated in the scope of work.

All filling materials shall be placed in layers not exceeding 150 mm in thickness, each layer being thoroughly wetted and compacted by rolling or tamping. All fills shall have 95% compaction.

The types of filling materials for buildings shall be selected earth fill and the source shall be approved by the Engineer.

IV. REINFORCED CONCRETE WORKS

1. Scope of Work

The work shall include all labor, materials, equipment, plant and other facilities for the satisfactory performance of all work necessary to complete all concrete and reinforced concrete work shown on the Drawing and specified herein.

2. Concrete and Reinforced Concrete

All concrete and reinforced concrete work shall be done in accordance with the *DPWH Standard Specifications for Highways, Bridges and Airports revised 2012 Edition and the current American Concrete Institute "BUILDING CODE REQUIREMENTS FOR THE REINFORCED CONCRETE (ACI 318 – 76)"*.

3. Concrete Materials

Portland Cement shall be Type I and shall conform to "Specification for Portland cement (ASTM – C – 150-76a)".

Concrete aggregates shall be well-graded particles of gravel or crushed rock conforming to the *"Specification for Concrete Aggregates (ASTM C33 – 74a)"*.

The maximum size of the aggregates shall not be larger than 1/5 of the narrowest dimension between forms nor larger than 3/4 of the minimum clear spacing between reinforcing bars nor larger than 25 mm in diameter.

Larger diameters of aggregates may be allowed in massive concreting with written permissions from the Owner.

Water used in mixing concrete shall be clean and free from injurious amount of oil, acid, alkali, salt, organic matter or other deleterious substances.

All reinforcing bars used shall be deformed and shall be free from rust, oil, defects, grease or kinks.

All reinforcing steel bars shall conform to the *PHILIPPINE STANDARD GRADE DSB 275*.

4. Forms

The Contractor shall provide forms that will produce correctly aligned concrete. Plastering in general shall not be allowed so that extra care shall be exercised by the Contractor in choice of fitting, and rigid supporting of the forms. Plywood, metal or surfaced lumber forms shall be used for all exposed concrete works.

Column forms shall be checked for plumpness before concrete is poured. Handholds shall be provided in column forms at lowest points of per lifts to render this space accessible for cleaning.

Forms and shoring shall not be removed until the concrete is adequately set and strong enough to withstand anticipated loading, and in no case less than seven (7) days after pouring.

All girders, beams, centering shall be crowned at least 25 mm in all direction from every eight (8) meters span. However, chambers for all cantilevers shall be as indicated in Plans or obtained from the Owner.

5. Storage of Materials

Cement shall be stored immediately upon arrival at the site in substantial, weatherproof bodegas, with a floor raised from the ground sufficiently high to be free from dampness.

Aggregates shall be stored in such a manner as to avoid the inclusion of other/foreign materials.

Reinforcing bars shall be placed in racks raised above the ground and protected from moisture and vegetation.

6. Samples and Testing

Testing except as otherwise specified herein shall be performed by an approved testing agency as proposed by the Contractor and approved by the Owner at no additional cost to the Owner.

Cement: Sampled either at the mill or at the site of the work and tested by an approved independent commercial or national testing laboratory at no additional cost to the Owner. Certified copies of laboratory test reports shall be furnished for each lot of cement and shall include all test data results and certificates that the sampling and testing cement shall be used until notice has been given by the Owner that the test results are satisfactory. Cement that has been stored, other than in bins at the mills, for more than four (4) months after delivery to the site shall be retest before use. Cement delivered at the site and later found under the test to be unsuitable shall not be incorporated into the permanent works.

Aggregates: Tested as prescribed in ASTM C 33.

Reinforcement: Certified copies of mill certificates of tests shall accompany deliveries of steel bar reinforcement. If requested by the Owner, additional testing of the materials shall be made at the Contractor expense.

Concrete Test: Provide for test purposes three sets of test specimens taken under the instructions of the Owner from each 50 cu. m. or fraction thereof of each class of concrete placed. At least one set of test specimens shall be provided for each Class of concrete placed in each 8-hour shift. Each shall consist of two specimens, and shall be made from separate batch. *Samples shall be secured in conformity with ASTM C172. Test specimens shall be made, cured and packed for shipment in accordance with ASTM C 31.* Cylinders will be tested by and at the expense of the Contractor in accordance with the ASTM C 39. The Owner for meeting strength level requirements for each cylinder with CONCRETE QUALITY of ACI 318 will evaluate test specimens separately. The standard age of test shall be 28 days, however 7 days tests may be allowed, with the permission of the Owner provided that the relation between the 7day and the 28 day strengths on the concrete is established by tests for the materials and proportions used. When samples fail to conform to the requirements for strength, the Owner shall have the right to order a change in the proportions of the concrete mix for the remaining portions of the work at no additional cost to the Owner.

7. Proportioning of Concrete Work

Trial design batches and testing to meet requirements of the classes of concrete specified shall be the responsibility of the Contractor. The design mix shall be of consistencies specified herein after in **REINFORCED CONCRETE WORKS**. Test for slump, unit weight, and air content shall be performed in the field under the presence of the Owner.

Concrete Proportioning: Samples of approved aggregate shall be obtained in accordance with the requirements of ASTM D 75. Samples of materials other than aggregate shall be representative of those proposed for the project and shall be accompanied by the manufacturer's test reports indicating compliance with applicable specified requirements. Trial mixes shall have proportions, consistencies, and air content suitable for the work. Trial mix shall be designed for maximum

permitted slump and air content. The temperature of concrete in each trial batch shall be reported. For concrete in each water-cement ratio, at least three test cylinders for each test age shall be made and cured in accordance with ASTM C 39. From these test results, a curve shall be plotted showing the relationship between water-cement.

8. Strength Requirement

All concrete, unless otherwise indicated, shall develop a minimum 28 - day cylinder strength of 20.70 MPa.

The Contractor shall submit mix design obtained from at least three standard cylinder samples made in accordance with Section 5.4 of the NSCB, 1991, for the strength required stating the proposed slump and the proportional weights of cement, aggregates and water. The mixes shall be approved by preliminary tests fourteen (14) days before concreting and shall show the required strength. No substitutions shall be made in the materials or mix without additional tests to show that the quality for concrete is satisfactory.

Slump: Tests shall be made in conformity with ASTM C 143, and unless otherwise specified by the Owner slump shall be within the following limits:

| <i>Structural Element</i> | <i>Slump of Vibrated Concrete</i> | |
|--|-----------------------------------|----------------|
| | <i>Minimum</i> | <i>Maximum</i> |
| Concrete Wall, Column and girder, beam, 25 cm maximum thickness | 50 mm | 70 mm |
| All other concrete | 50 mm | 100 mm |

9. Joints

No reinforcement, corner protection angles or other fixed metal items shall be run continuous through joints containing expansion – joint filler, through crack - control joints in slabs on grade and vertical surfaces.

Pre – molded Expansion Joint Filler

Joints with Joint Sealant: At expansion joints in concrete slabs to be exposed, and at the other joints indicated to receive joint sealant, pre-molded expansion joint filler strips shall be installed at the proper level below the elevation with a slightly tapered, dressed and wood strip temporarily secured to the top thereof to form a groove, when surface dry, shall be cleaned of foreign matter, loosed particles, and concrete protrusions, there filled approximately flush with joint sealant so as to be slightly concave after drying.

Finish of Concrete at Joints: Edges of exposed concrete slabs along expansion joints shall be nearly finished with slightly rounded edging tools.

Construction Joints: Unless otherwise specified herein, all construction joints shall be subject for approval of the Owner. Concrete shall be placed continuously to form a monolithic construction. Fresh concrete may be placed against adjoining units, provided the set concrete is sufficiently hard not to be injured thereby. Joints not indicated shall be made and located in a manner not to impair strength and appearance of the structure. Placement of concrete shall be at such rate that surfaces of concrete not carried to joint levels will not have attained initial set before additional concrete is

placed thereon. Lifts shall terminate at such levels as indicated or as to conform to structural requirements as directed. If horizontal construction joints are required, a strip of 25 mm square – edge lumber, leveled to facilitate removal shall be taken to the inside the forms at the construction joint. Concrete shall be placed to a point 25 mm above the underside of the strip. The strip shall be removed (1) one hour after the concrete has been placed, any irregularities in the joint lines shall be leveled off with a wood float, and all laitance removed. Prior to placing additional concrete, horizontal constructed joints shall be prepared as specified in *BONDING*. Crack control joints in slabs on grade are specified in – *REINFORCED CONCRETE WORKS/SLABS ON GRADE*.

10. Placing Concrete

Concrete shall be transport from mixer to the place of final deposit in a continuous manner, as rapidly as practicable without segregation or loss of ingredient until the approved unit of work is completed. Placing will not be permitted when the sun, heat, wind or limitations of facilities furnished by the Contractor, prevent proper finishing and curing of the concrete. Concrete shall be placed in the forms, as closed as possible in the final position, in uniform approximately horizontal layers not over 300 mm deep. Forms splashed with concrete or form coating shall be cleaned in advance of placing subsequent lifts. Concrete shall not be allowed to drop freely more than 10 m in unexposed work not more than 1.0 m in exposed work; where greater drops are required, tremie or other approved means shall be employed. The discharge of the tremies shall be controlled so that the concrete may be effectively compacted into horizontal layers no more than 300 mm thick, and spacing of the tremies shall be such that segregation does not occur. Concrete to receive other construction shall be screeded to the proper level to avoid excessive skimming or grouting. Conduits and pipes shall not be embedded in concrete unless specifically indicated or as directed by the Owner.

Time Interval Between Mixing and Placing: Concrete mixed in stationary mixers and transported by non-agitating equipment shall be placed in the forms within 45 minutes from the time ingredients are charge into the mixing drum. Concrete transported in truck mixers or truck agitator shall be delivered to the site of work discharge in the forms within 45 minutes from the time that the ingredients are discharge into the mixing drum. Concrete shall be placed in the forms within 45 minutes after discharge from the mixer at the jobsite. *Earth – foundation Placement:* Leveling concrete for concrete foundations, exterior slabs and exterior foundations receiving equipment or machinery shall be placed upon undisturbed surfaces conforming to – *EXCAVATION AND BACKFILLING SECTION*. The surfaces shall be clean, free from mud and water. The concrete foundations maybe placed over the leveling concrete surfaces.

Conveying Concrete by Chute, Conveyor or Pump: Concrete may be conveyed by chute, conveyor, or pump if approved in writing. In requesting approval, the Contractor shall submit his entire plan of operation for time of discharge of concrete from the mixer to final placement in the forms, and the steps to be taken to prevent the formation of cold joints, in case the transporting of concrete by chute, conveyor or pump is disrupted. Conveyor and pump shall be capable of expeditiously placing concrete at the rate most advantageous to good workmanship. Approval will not be given for chutes or conveyors requiring changes in the concrete materials or design mix for efficient operation.

- a. **Chutes and Conveyors:** Chutes shall be of steel or steel line wood, rounded in cross section rigid in construction, and protected from over flow. Conveyors shall be designed and operated and chute section shall be set, to assure a uniform flow of concrete from mixer to final place of deposit

without segregation of ingredients, loss of mortar, or change in slump. The discharge portion of each chute or conveyor shall be provided with a device to prevent segregation. The chute and conveyor shall be thoroughly cleaned before and after each run. Waste material and flushing water shall be discharge outside the forms. When using tilted chutes, the inclination should not be flatter than one (1) vertical and two (2) horizontal. From the outlet/mouth of the chute to the concrete surface, the maximum allowable height shall be 1.50 m.

- b. Pumps shall be operated and maintained so that a continuous stream of concrete is delivered into the forms without air pocket, segregation of change in slump. When pumping is completed, concrete remaining in the pipeline shall be ejected, wasted without contamination of concrete already.
- c. After each operation, equipment shall be thoroughly cleaned and the flushing water shall be splashed outside the forms.
- d. **Placing Concrete Reinforcement:** Where congestion of the steel or other conditions will make placing or compaction of concrete difficult, a layer of mortar shall be first deposited in forms to a depth of approximately 25 cm. Mortar proportions shall be the same as the concrete minus the coarse aggregate.

11. Compaction

Immediately after placing, each layer of concrete shall be compacted by internal concrete vibrators supplemented by hand spading, rodding and tamping. Tapping or other external vibration of forms will not be permitted unless specifically approved by the Owner. Vibrators shall not be used to transport concrete inside forms. Internals vibrators submerged in concrete shall maintain a speed of not less than 7,000 impulses per minute. The vibrating equipment at all times shall be adequate in number of units and power to properly consolidate all concrete.

Spare units shall be on hand as necessary to insure such adequacy. Duration of vibrating equipment shall be limited to time necessary to produce satisfactory consolidation without causing objectionable segregation. The vibrators shall not be inserted into lower courses that have begun to set. Vibrators shall be applied at uniformity spaced points not further apart that the visible effectiveness of the machine.

12. Bonding

Bonding/depositing new concrete on or against concrete that has set; The surfaces of the set concrete shall be thoroughly cleaned so as to expose the coarse aggregate and be free of laitance, coatings, foreign matter and loose particles. Forms shall be retightened. The cleaned surfaces shall be moistened, but shall be without free flowing water when concrete is placed.

13. Slabs on Grade

Capillary water barrier or surged shall conform to *PART I.C – EXCAVATION AND BACKFILLING FOR BUILDINGS*.

Concrete shall be compacted, screeded to grade, and prepared for the specified finish. Concrete shall be placed continuously so that each unit of operation will be monolithic in construction. Concrete shall be placed in alternate check board pattern terminating at crack-control joints or construction joints or may be placed in alternative paving lanes as limited by expansion, and contraction joints. Crack-control joints shall be expansion, contraction, or construction joints. Joints not shown shall be lifted at column centerlines and at intermediate intervals so that such panel is shall not be more than 55 sq.m. Panels shall be approximately square with dimensioning of one side not more than 7.5 m. Forms shall remain in place for at least 12 hours after complete placement.

Construction joints may be formed by the insertion of hard pressed fiberboard strips inserted in the plastic concrete or may be cut with an approved concrete sawing machine, after the concrete has set. Unless otherwise indicated or directed the joints shall be 3 mm wide and depth equal to approximately 1/4 of the slab thickness of the maximum size of the coarse aggregate whichever is greater.

14. Finishes of Concrete

Within 12 hours after forms are removed, surface defects shall be remedied as specified herein. Fine and loose material shall be removed. Honeycomb, aggregate pockets, voids over 13 mm in diameter, and holes left by the rods or bolts shall be cut out to solid concrete, reamed, thoroughly wetted, brush-coated with neat cement rout, and filled with mortar. Mortar shall be a stiff mix of 1 part Portland cement to not more than 2 parts fine aggregates passing the no. 16 mesh sieve, and minimum amount of water. The color of the mortar shall match the adjoining concrete color. Mortar shall be thoroughly compacted in place.

Holes passing through walls shall be completely filled from the inside face by forcing mortar through to the outside face. Holes, which do not pass entirely through wall, shall be packed full.

Patchwork shall be finished to match adjoining surfaces in texture and color. Patchworks shall be damp-cured for 72 hours. Ambient temperature shall not be less than 10 degrees C. Dusting of finish surfaces with dry material or adding water to concrete surfaces will not be permitted.

15. Concrete Finished for Slabs

Slab Receiving Concrete Paving: After concrete is placed and consolidated, slab shall be screed or struck off and no further finish is required.

Smooth Finish: Required only when specified; screed concrete and floats to required level with no coarse aggregate visible. After surface moisture has disappeared and laitance has been removed the surface shall be finished by float and steel trowel.

Broom Finish: Required for paving, stairs and landings; the concrete shall be screed and floated to required finish level with no coarse aggregate visible. After the surface moisture has disappeared and laitance has been removed, surface shall be float finished to an even, smooth finish. The floated surfaces shall be broom with a fiber bristle brush in a direction transverse to the direction of the main traffic.

Tolerance: Smooth and broom finished surfaces shall be true to plane with no deviation in excess of 3 mm in any direction when tested with a 3.0 m. straight edge.

16. Curing

Concrete shall be protected against moisture loss, rapid temperature change, mechanical injury from rain or flowing water, for a minimum period of 7 days.

Concrete shall be maintained in a moist condition at temperature above 10° C throughout the specified curing period and until remedied work started under **Part II.D – CONCRETE WORKS/FINISHES OF CONCRETE**. Curing activities shall be started as soon as free water has disappeared from the surface of the concrete after placing and finishing. Form under surfaces shall be moist-cured with forms in place for the full curing period or, if other removes forms prior to the end of the curing period by any approved means. Curing shall be accomplished by any of the following methods of combination thereof, as approved.

Water: Water used in curing shall be reasonably cleaned and free of oil, salt, acid, alkali, or other substances injurious to the concrete. Drinking water may be used for curing test.

Moist Curing: Uniformed surfaces shall be covered with burlap or mats, wetted before placing and over-lap at least 150 mm. Burlap or mats shall be kept continually wet and in intimate contact with the surface. If the forms are removed

before the end of the curing period, curing shall be continued on uniformed surfaces, using suitable materials.

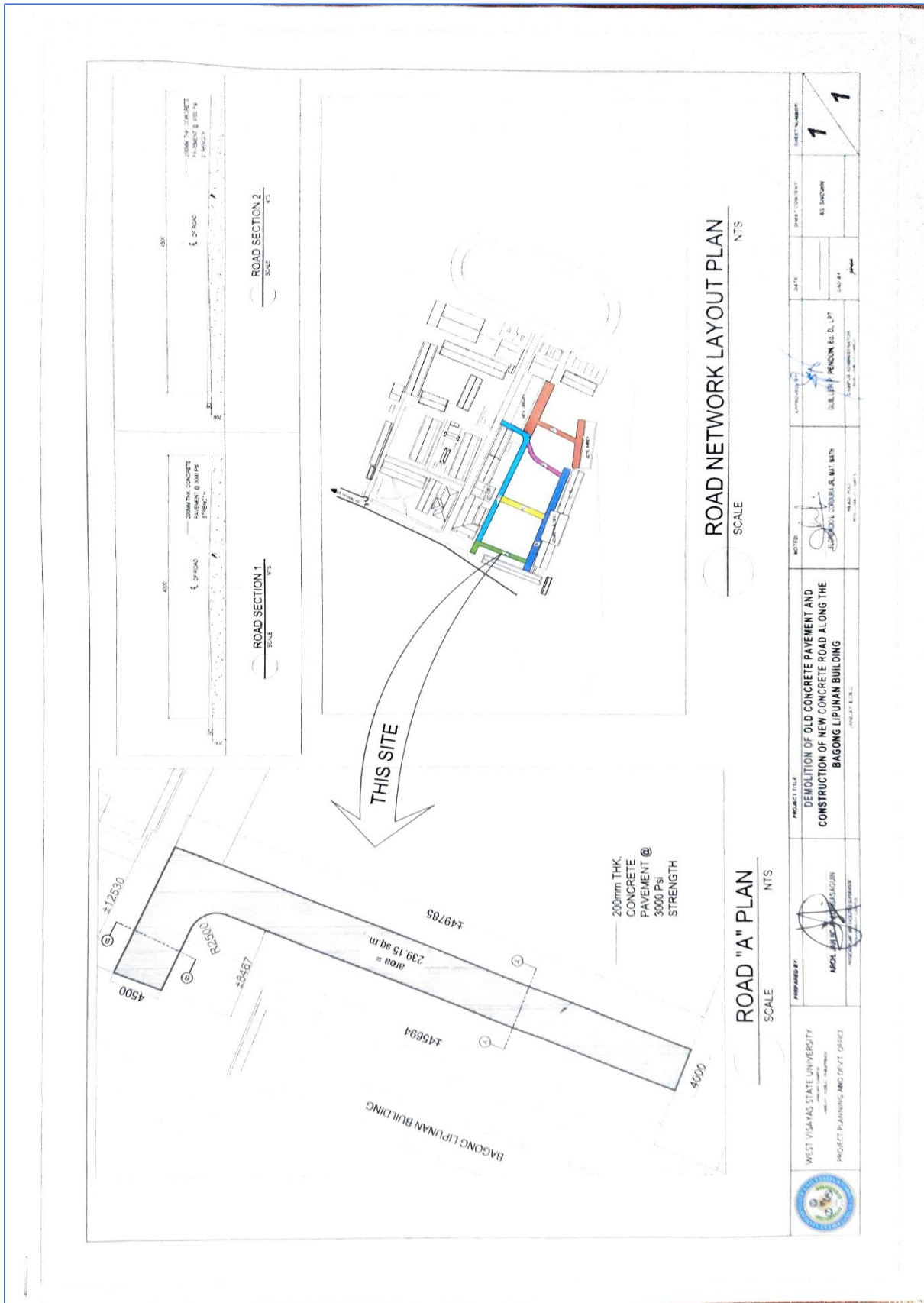
Prepared by:



ARCH. JAN NC A. ADINSASAGUIN, UAP
Architect

PRC NO. 28666
TIN 313-097-961
PTR NO. 8697923
Date Iss. Jan. 26, 2022
Place Iss. Janiuary, Iloilo

Section VII. Drawings



Section VIII. Bill of Quantities

Project Title : Demolition of Old Concrete Pavement and Construction of New
Concrete Road along Bagong Lipunan Building

Location : WVSU-Janiuay Campus, Locsin St., Janiuay, Iloilo

| ITEM | DESCRIPTION | UNIT | QTY | UNIT COST | TOTAL COST |
|-----------|--------------------------------|-------|------|-----------|------------|
| I | SITE WORKS | | | | |
| A | Mobilization/Demobilization | lot | 1.00 | | |
| B | Demolition & Hauling of Debris | lot | 1.00 | | |
| C | Gravel Bedding & Compaction | cu.m. | 22.0 | | |
| II | STRUCTURAL WORKS | | | | |
| A | Structural Concrete Works | cu.m. | 44.0 | | |

**Please see attached Detailed Unit Price Analysis (DUPA)*

Submitted by:

Name of the Representative of Bidder

Position

Name of Bidder

Date



West Visayas State University

JANIUAY CAMPUS
CAMPUS PHYSICAL PLANNING OFFICE
(Formerly Janiuay Polytechnic College, Don Tiburcio A. Lutero National Comp. High School, Janiuay Nat'l Comp. High School, Janiuay National Vocational High School, Janiuay High School)
Janiuay, Iloilo, Philippines



*Trunkline: (083) (033) 330-3485
* Website: www.wvsu.edu.ph *Email Address: januay@wvsu.edu.ph

PROGRAM OF WORKS

PP No. 2022-04

Name of Project : DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG THE BAGONG LIPUNAN BUILDING
Location : MVSU-JANIUAY CAMPUS, JANIUAY, ILOILO
Appropriation : P 1,065,388.00
Classification : By Contract
Calendar Days : 40

| PROJECT DESCRIPTION | | | | | | | | |
|--|--------------------------------|-------------------|-------|------------------------------|-------------|-------|------------|-------|
| Demolition of existing damaged road, hauling of debris, gravel bedding and compaction, concrete pouring of new road and site clearing. | | | | | | | | |
| MINIMUM EQUIPMENT REQUIREMENTS | | | | TECHNICAL PERSONNEL REQUIRED | | | | |
| DESCRIPTION | NO. | DESCRIPTION | NO. | | | | | |
| Tansit mixer | 1 | Project Engineer | 1 | | | | | |
| Concrete vibrator | 1 | Site Engineer | 1 | | | | | |
| Road roller/Walkbehind | 1 | Safety Officer | 1 | | | | | |
| Motor Grader | 1 | Medical Personnel | 1 | | | | | |
| Dump truck | 1 | | | | | | | |
| Payloader | 1 | | | | | | | |
| Backhoe/Pavement Breaker | 1 | | | | | | | |
| ESTIMATED COST OF PROPOSED WORK | | | | | | | | |
| ITEM | DESCRIPTION | % OF TOTAL | UNIT | QTY. | DIRECT COST | | TOTAL COST | |
| | | | | | UNIT COST | TOTAL | UNIT COST | TOTAL |
| PART I. SITE WORKS | | | | | | | | |
| A. | Mobilization/Demobilization | 2.81 | lot | 1 | | | | |
| B. | Demolition & Hauling of Debris | 30.90 | lot | 1 | | | | |
| C. | Gravel bedding & Compaction | 12.63 | cu.m. | 22 | | | | |
| PART II. STRUCTURAL CONCRETE WORKS | | | | | | | | |
| A. | Structural Concrete Works | 53.66 | cu.m. | 44 | | | | |
| TOTAL | | 100.00 | | | | | | |

BREAKDOWN OF EXPENDITURE:

| | | | |
|------------------------|-------|---|----------------|
| 1. Labor | _____ | A. Sub Total | _____ |
| 2. Rental of Equipment | _____ | B. P.D.E./Project Supervision/Administration Cost | _____ |
| 3. Materials | _____ | 0.50% of Total Estimated Cost | _____ |
| 4. Provisional Sum | _____ | C. Price Escalation (12%) | _____ |
| 5. Direct Cost | _____ | | |
| 6. OCM | _____ | | |
| 7. Profit | _____ | TOTAL ESTIMATED COST | P _____ |
| 8. VAT (5% of 5-7) | _____ | | |
| 9. ROW Acquisition | _____ | | |

Prepared by:

ARCH. JANINE CALINASAGUIN, UAP
Campus Architect

Noted by:

EMMANUEL M. SALAMANCA, Ed.D.
Physical Plant & Facilities Supervisor

Recommending approval:

FLORENCIO L. CORDURA Jr., MAT., MATH
Head, Planning & Development Office

DETAILED UNIT PRICE ANALYSIS (DUPA)

PROJECT NAME: DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG THE BAGONG LIPUNAN BUILDING

PART I: SITE WORKS

ITEM NO.: I.A
 DESCRIPTION: MOBILIZATION
 UNIT OF MEASUREMENT: LOT
 OUTPUT PER DAY:
 QUANTITY: 1 LOT

| DESIGNATION | | NO. OF PERSONS | NO. OF DAYS | DAILY RATE | AMOUNT |
|---|-------------------------------|----------------|-------------|------------|--------------|
| A. LABOR | | | | | |
| | a. Site Engineer | | | | |
| | b. Construction Foreman | | | | |
| | c. Skilled Worker | | | | |
| | d. Laborer | | | | |
| Sub-Total for A | | | | PhP | - |
| | NAME & CAPACITY | NO. OF UNIT/S | NO. OF DAYS | DAILY RATE | AMOUNT |
| B. EQUIPMENT | | | | | |
| | a. Minor Tools (10% of Labor) | | | | |
| Sub-Total for B | | | | PhP | - |
| C. TOTAL (A+B) | | | | | - |
| D. OUTPUT PER DAY | | | | | |
| NAME AND SPECIFICATION | | | | | |
| E. MATERIALS | | QUANTITY | UNIT | UNIT COST | AMOUNT (PhP) |
| Sub-Total for E | | | | | PhP |
| F. DIRECT UNIT COST (C+E) | | | | | - |
| G. OVERHEAD, CONTIGENCIES & MISCELLANEOUS (OCM) EXPENSES | | | | 15% | |
| H. CONTRACTORS PROFIT (CP) | | | | 10% | |
| I. VALUE ADDED TAX (VAT) | | | | 5% | - |
| J. TOTAL UNIT COST | | | | PhP | - |

DETAILED UNIT PRICE ANALYSIS (DUPA)

PROJECT NAME: DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG THE BAGONG LIPUNAN BUILDING

PART I: SITE WORKS

ITEM NO.: I.B
 DESCRIPTION: DEMOLITION
 UNIT OF MEASUREMENT: CU.M.
 OUTPUT PER DAY:
 QUANTITY: 1 LOT

| DESIGNATION | | NO. OF PERSONS | NO. OF DAYS | DAILY RATE | AMOUNT |
|------------------------|--|----------------|-------------|------------|--------------|
| A. | LABOR | | | | |
| | a. Site Engineer | | | | |
| | b. Construction Foreman | | | | |
| | c. Skilled Worker | | | | |
| | d. Laborer | | | | |
| Sub-Total for A | | | | PhP | - |
| | NAME & CAPACITY | NO. OF UNIT/S | NO. OF DAYS | DAILY RATE | AMOUNT |
| B. | EQUIPMENT | | | | |
| | a. Backhoe/Pavement breaker | | | | |
| | b. Motor Grader | | | | |
| | c. Dump Truck | | | | |
| | d. Payloader | | | | |
| Sub-Total for B | | | | PhP | - |
| C. | TOTAL (A+B) | | | | - |
| D. | OUTPUT PER DAY | | | | |
| | NAME AND SPECIFICATION | | | | |
| E. | MATERIALS | QUANTITY | UNIT | UNIT COST | AMOUNT (PhP) |
| Sub-Total for E | | | | | PhP - |
| F. | DIRECT UNIT COST (C+E) | | | | - |
| G. | OVERHEAD, CONTIGENCIES & MISCELLANEOUS (OCM) EXPENSES | | | 15% | - |
| H. | CONTRACTORS PROFIT (CP) | | | 10% | - |
| I. | VALUE ADDED TAX (VAT) | | | 5% | - |
| J. | TOTAL UNIT COST | | | PhP | - |

DETAILED UNIT PRICE ANALYSIS (DUPA)

PROJECT NAME: DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG THE BAGONG LIPUNAN BUILDING

PART I: SITE WORKS

ITEM NO.: I.C
 DESCRIPTION: GRAVEL BEDDING & COMPACTION
 UNIT OF MEASUREMENT: CU.M.
 OUTPUT PER DAY:
 QUANTITY: 22.0 cu.m.

| DESIGNATION | NO. OF PERSONS | NO. OF DAYS | DAILY RATE | AMOUNT |
|---|----------------|-------------|------------|--------------|
| A. LABOR | | | | |
| a. Site Engineer | | | | |
| b. Construction Foreman | | | | |
| c. Skilled Worker | | | | |
| d. Laborer | | | | |
| Sub-Total for A | | | PhP | - |
| NAME & CAPACITY | NO. OF UNIT/S | NO. OF DAYS | DAILY RATE | AMOUNT |
| B. EQUIPMENT | | | | |
| a. Road Roller, walk behind | | | | |
| Sub-Total for B | | | PhP | - |
| C. TOTAL (A+B) | | | | - |
| D. OUTPUT PER DAY | | | | |
| NAME AND SPECIFICATION | | | | |
| E. MATERIALS | QUANTITY | UNIT | UNIT COST | AMOUNT (PhP) |
| Aggregates, coarse gravel, 3/4" | | | | |
| Sub-Total for E | | | PhP | - |
| F. DIRECT UNIT COST (C+E) | | | | - |
| G. OVERHEAD, CONTIGENCIES & MISCELLANEOUS (OCM) EXPENSES | | | 15% | - |
| H. CONTRACTORS PROFIT (CP) | | | 10% | - |
| I. VALUE ADDED TAX (VAT) | | | 5% | - |
| J. TOTAL UNIT COST | | | PhP | - |

DETAILED UNIT PRICE ANALYSIS (DUPA)

PROJECT NAME: DEMOLITION OF OLD CONCRETE PAVEMENT AND CONSTRUCTION OF NEW CONCRETE ROAD ALONG THE BAGONG LIPUNAN BUILDING

PART II: REINFORCED CONCRETE WORKS

ITEM NO.: II.A

DESCRIPTION: CONCRETE WORKS WITH STEEL REINFORCEMENTS

UNIT OF MEASUREMENT: CU.M.

OUTPUT PER DAY:

QUANTITY: 44.0 cu.m.

| DESIGNATION | | NO. OF PERSONS | NO. OF DAYS | DAILY RATE | AMOUNT |
|---|---------------------------------|----------------|-------------|------------|--------------|
| A. LABOR | | | | | |
| | a. Site Engineer | | | | |
| | b. Construction Foreman | | | | |
| | c. Skilled Worker | | | | |
| | d. Laborer | | | | |
| Sub-Total for A | | | | PhP | - |
| | NAME & CAPACITY | NO. OF UNIT/S | NO. OF DAYS | DAILY RATE | AMOUNT |
| B. EQUIPMENT | | | | | |
| | a. Minor Tools (10% of Labor) | | | | |
| Sub-Total for B | | | | PhP | - |
| C. TOTAL (A+B) | | | | | - |
| D. OUTPUT PER DAY | | | | | |
| | NAME AND SPECIFICATION | | | | |
| E. MATERIALS | | QUANTITY | UNIT | UNIT COST | AMOUNT (PhP) |
| | Cement, Portland, 40kg bag | | | | |
| | Sand, Washed | | | | |
| | Aggregates, coarse gravel, 3/4" | | | | |
| | Plywood, ordinary, 1/2"x4'x8' | | | | |
| | Lumber, Good, 2"x3"x8' | | | | |
| | Nails, common wire, 3" | | | | |
| | Nails, common wire, 1-1/2" | | | | |
| | Steel bars, deformed, 20mmØ | | | | |
| | Cutting wheel, diamond, 7" | | | | |
| | Cutting disc, steel, 4" | | | | |
| Sub-Total for E | | | | PhP | - |
| F. DIRECT UNIT COST (C+E) | | | | | - |
| G. OVERHEAD, CONTIGENCIES & MISCELLANEOUS (OCM) EXPENSES | | | | 15% | - |
| H. CONTRACTORS PROFIT (CP) | | | | 10% | - |
| I. VALUE ADDED TAX (VAT) | | | | 5% | - |
| J. TOTAL UNIT COST | | | | PhP | - |

Section IX. Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;
and
- (h) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment

- lessor/vendor for the duration of the project, as the case may be; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

