



## CHECKLIST OF REQUIREMENTS FOR BIDDERS

**ELIGIBILITY, TECHNICAL, AND FINANCIAL REQUIREMENTS SHOULD BE APPROPRIATELY SIGNED AND PROPERLY TABBED AS FOLLOWS:**

**Class “A” Documents:**

### **TAB A**

- Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the **BDS**;
- Mayor’s permit issued by the city or municipality where the principal place of business of the prospective bidder is located; and
- Audited financial statements, stamped “received” by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions, for the preceding calendar year, which should not be earlier than two (2) years from bid submission
- PhilGEPS Certificate of Registration

### **TAB B**

**Statement of all its on-going 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;**

#### **Sec IX Bidding Forms (SF-INFR-15)**

This statement shall be supported with:

- Notice of Award or Notice to Proceed or Contract issued by the owners.
- Certificate of Good Standing (No slippage delay).
- All spaces should be filled up with correct information.

**Statement of the Bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid within the last three (3) years**

Note: Similar project refers to at least any vertical project with Bored Piling Works (at least 18m. in depth) costing at least Php 34,916,712.17 (50% of the ABC)

#### **Sec IX Bidding Forms (SF-INFR-15)**

This statement shall be supported with:

- Program of Works (SLCC)
- Notice of Award or Notice to Proceed or Contract issued by the owners.
- Owner’s Certificate of Final Acceptance; or the Constructors Performance Evaluation Summary (CPES) Final Rating or the Certificate of Completion, must be satisfactory
- All spaces should be filled up with correct information.

### **TAB C**

Valid Philippine Contractors Accreditation Board (PCAB) License at least:  
**Size Range – Large A, License Category- AA**

### **TAB D**

NFCC computation in accordance with ITB Clause 5.5

**Class “B” Documents: If applicable, Joint Venture Agreement in accordance with RA 4566.**

## Technical Documents:

**TAB E**            **The Bid Security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:**

1. The amount of not less than **₱ 1,396,668.49** [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 **₱ 3,491,671.22** [5% of ABC] if bid security is in Surety Bond.

**TAB F**            **Project Requirements, which shall include the following:**

- Organizational chart for the contract to be bid;
- List of contractor's personnel
- 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.
- Construction Schedule and S-curve;
- Manpower Schedule;
- Detailed Construction Methods;
- PERT/CPM (network diagram);
- Equipment/Tools Utilization Schedule;
- Site Inspection Certificate issued by BulSU; and
- Contractor's Confirmation (Construction Specifications)

**TAB G**            **Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section IX. Bidding Forms.**

## FINANCIAL DOCUMENTS' ENVELOPE

<b><u>TAB H</u></b>	<b>Duly signed Financial Bid Form</b>
<b><u>TAB I</u></b>	<b>Duly signed and priced Bill of quantities</b>
<b><u>TAB J</u></b>	<b>Duly signed and priced Detailed Estimates</b>
<b><u>TAB K</u></b>	<b>Cash Flow by the Quarter and Payment Schedule</b>
<b><u>TAB L</u></b>	<b>Detailed Unit Price Analysis</b>
<b><u>TAB M</u></b>	<b>Back-up quantity computation sheet/tally sheet as programmed</b>
<b><u>TAB N</u></b>	<b>Soft copy in compact disc (CD) of the duly priced Bill of Quantities &amp; Detailed Estimates using Microsoft Excel</b>

### Note:

1. Each Bidder shall submit one (1) original and three (3) certified photocopies of the first (Eligibility/Technical) and second components (Financial) of its bid duly signed and sealed. -Bid Data Sheet 20.3.
2. Any missing document in the above mentioned checklist is a ground for outright rejection of the bid.
3. In case of discrepancies between this checklist and the bidding documents the latter shall prevail.
4. Any bid submitted after the deadline for submission and receipt of bids prescribed by the BulSU shall be declared "Late" and shall not be accepted by the BulSU.

# Section I.

## Invitation to Bid



Republic of the Philippines

**BULACAN STATE UNIVERSITY**  
City of Malolos, Bulacan

**INVITATION TO APPLY AND TO BID FOR THE  
Proposed Five - Storey Engineering Building Phase 1  
Reference no. Infra-2018-02**

The **BULACAN STATE UNIVERSITY (BulSU)**, through its **Bids and Awards Committee (BAC)** for **Infrastructure and Repairs**, invites contractors to apply for eligibility and bid for the project hereunder described:

Name of Project : **Proposed Five – Storey Engineering Building Phase 1**  
Location : Bulacan State University (Main Campus), City of Malolos, Bulacan  
Scope of Work : Bored Piling and Pile Cap Works  
PCAB License : Size Range – Large A, License Category- AA  
Similar Project : Any vertical project with Bored Piling Works (at least 18m. in depth) costing at least Php 34,916,712.17 (50% of the ABC)  
ABC : Php 69,833,424.34  
Completion Date : One Hundred Twenty (120) calendar days

The prospective bidder must have completed a Single Largest Completed Contract (SLCC) that is similar to the contract to be bid, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B Categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB. The Eligibility Check/Screening as well as the Preliminary Examination of Bids shall use non-discretionary “pass/fail” criterion. Post-qualification of the lowest calculated bid shall be conducted.

All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Pre-Bidding Conference(s), Evaluation of Bids, Post-Qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Implementing Rules and Regulations (IRR).

The schedule of activities is listed below:

Activities	Date/Time	Venue
1. Advertisement Period	<b>June 1, 2018 to June 8, 2018</b>	Newspaper of general nationwide circulation (The Philippine Star), PhilGEPS website( <a href="http://www.philgeps.gov.ph">www.philgeps.gov.ph</a> ), BulSU website ( <a href="http://www.bulsu.edu.ph">www.bulsu.edu.ph</a> ) and at conspicuous places in the premises of BulSU
2. Issuance of Bid Documents	<b>June 1, 2018 to June 26, 2018</b>	Procurement Office, CSSP Building (near Gate 4), BulSU Main
3. Pre-bid Conference	<b>June 11, 2018 1:30 p.m.</b>	Alumni Office, 2 <sup>nd</sup> floor, Bulacan State University (Main Campus)
4. Deadline of Submission and Opening of Bids	<b>June 26, 2018 9:00 a.m.</b>	Alumni Office, 2 <sup>nd</sup> floor, Bulacan State University (Main Campus)

Bid Documents will be available only to prospective bidders upon payment of a non-refundable amount of **FIFTY THOUSAND PESOS ONLY (P 50,000.00)** to the Bulacan State University Cashier, City of Malolos, Bulacan.

The Bulacan State University assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. Moreover, the Bulacan State University reserves the right to reject any or all bid proposal(s) at any time prior to contract award, declare the bidding a failure, or award the contract to the bidder whose offer is the most responsive, lowest calculated bid, and most advantageous to the government.

For further information, please contact  
The Bulacan State University-BAC Secretariat  
Guinhawa, City of Malolos, Bulacan 3000  
With Telefax No (044) 794-7755 ; (044)919-780099 loc 1053  
Email Address: [bulsu.bac1secretariat@bulsu.edu.ph](mailto:bulsu.bac1secretariat@bulsu.edu.ph)

**ROLANDO R. GASPAR, Ph.D.**  
BAC Chairperson



Republic of the Philippines  
**BULACAN STATE UNIVERSITY**  
City of Malolos, Bulacan

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**INVITATION TO APPLY AND TO BID FOR THE  
Proposed Five – Storey Engineering Building Phase 1  
Reference no. Infra-2018-02**

The **BULACAN STATE UNIVERSITY (BuISU)**, through the **General Fund** intends to apply the sum of **Sixty Nine Million Eight Hundred Thirty-Three Thousand Four Hundred Twenty-Four Pesos and 34/100 (Php 69,833,424.34)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Proposed Five – Storey Engineering Building Phase 1 (Infra-2018-02)**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

The **Bulacan State University** now invites bids for the **Proposed Five – Storey Engineering Building Phase 1**. Completion of the Works is required within **One Hundred Twenty (120) calendar days upon receipt of Notice to Proceed**. 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.

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”.

Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least seventy five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

Interested bidders may obtain further information from **Bulacan State University** and inspect the Bidding Documents at the address given below **during regular office days, from 8:00 am to 5:00pm**.

A complete set of Bidding Documents may be acquired by interested bidders on **June 1, 2018 (Friday)** from the address below and upon payment of a non-refundable fee for the Bid Documents in the amount of **Fifty Thousand Pesos Only (Php 50,000.00)**.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the **Bulacan State University**, provided that bidders shall pay the fee for the Bidding Documents not later than **June 26, 2018**.

The **Bulacan State University** will hold a **Pre-Bid Conference** on **June 11, 2018 (Monday), 1:30 p.m.** at the **Alumni Office, 2<sup>nd</sup> Floor, Bulacan State University Main Campus, Guinhawa, City of Malolos, Bulacan**, which shall be open to prospective bidders.

Bids must be duly received by the BAC Secretariat at the address below on or before **June 26, 2018 (Tuesday), 9:00 a.m. at the Alumni Office, 2<sup>nd</sup> Floor, Bulacan State University Main Campus, Guinhawa, City of Malolos, Bulacan**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 18**.

Bid opening shall be on **June 26, 2018 (Tuesday), 9:00 a.m. at the Alumni Office, 2<sup>nd</sup> Floor, Main Campus, Bulacan State University, Guinhawa, City of Malolos, Bulacan.** 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.

The **Bulacan State University** 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 Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

For further information, please contact:

**ANNE CAMILLE C. BAUTISTA**

*BAC Secretariat*

Bulacan State University

Guinhawa, City of Malolos, Bulacan

Telefax no.: (044) 794-7755 / (044) 919-7800 loc 1053 or 1054

Email address: bulsu.bac1secretariat@bulsu.edu.ph

**ROLANDO R. GASPAR, Ph.D.**

*BAC Chairperson*

## **A. General**

### **1. Scope of Bid**

- 1.1. The Procuring Entity named in the **BDS**, invites bids for the construction of Works, as described in Section VI. Specifications.
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in **ITB** Clause 27.
- 1.3. The successful Bidder will be expected to complete the Works by the intended completion date specified in **SCC** Clause 1.17.

### **2. Source of Funds**

The BULACAN STATE UNIVERSITY has a budget or received funds from the Funding Source named in the **BDS**, and in the amount indicated in the **BDS**. It intends to apply part of the funds received for the Project, as defined in the **BDS**, to cover eligible payments under the Contract for the Works.

### **3. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices**

- 3.1. Unless otherwise specified in the **BDS**, the BULACAN STATE UNIVERSITY, as well as bidders and contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Funding Source:
  - (a) defines, for purposes of this provision, the terms set forth below as follows:
    - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the BULACAN STATE UNIVERSITY, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019;
    - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the

execution of a contract to the detriment of the BULACAN STATE UNIVERSITY, and includes collusive practices among Bidders (prior to or after Bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the BULACAN STATE UNIVERSITY of the benefits of free and open competition;

- (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the BULACAN STATE UNIVERSITY, designed to establish bid prices at artificial, non-competitive levels; and
- (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
- (v) “obstructive practice” is
  - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the BULACAN STATE UNIVERSITY or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
  - (bb) acts intended to materially impede the exercise of the inspection and audit rights of the BULACAN STATE UNIVERSITY or any foreign government/foreign or international financing institution herein.
- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract; and
- (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded Contract funded by the Funding Source if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing or, or in executing, a Contract funded by the Funding Source.



- 3.2. Further, the BULACAN STATE UNIVERSITY will seek to impose the maximum civil, administrative, and/or criminal penalties available under the applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in **ITB** Clause 3.1 (a).
- 3.3. Furthermore, the Funding Source and the BULACAN STATE UNIVERSITY reserve the right to inspect and audit records and accounts of a contractor in the bidding for and performance of a contract themselves or through independent auditors as reflected in the **GCC** Clause 34.

#### **4. Conflict of Interest**

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:
  - (a) A Bidder has controlling shareholders in common with another Bidder;
  - (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
  - (c) A Bidder has the same legal representative as that of another Bidder for purposes of this Bid;
  - (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the BULACAN STATE UNIVERSITY regarding this bidding process;
  - (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;
  - (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the goods and related services that are the subject of the bid; or
  - (g) A Bidder who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the BULACAN STATE UNIVERSITY, members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:

- (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
- (b) If the Bidder is a partnership, to all its officers and members;
- (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders;
- (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and
- (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c) or (d) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

Relationship of the nature described above or failure to comply with this Clause will result in the automatic disqualification of a Bidder.

## **5. Eligible Bidders**

5.1. Unless otherwise indicated in the **BDS**, the following persons shall be eligible to participate in this Bidding:

- (a) Duly licensed Filipino citizens/sole proprietorships;
- (b) Partnerships duly organized under the laws of the Philippines and of which at least seventy five percent (75%) of the interest belongs to citizens of the Philippines;
- (c) Corporations duly organized under the laws of the Philippines, and of which at least seventy five percent (75%) of the outstanding capital stock belongs to citizens of the Philippines;
- (d) Cooperatives duly organized under the laws of the Philippines.
- (e) Persons/entities forming themselves into a JV, i.e., a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that, in accordance with Letter of Instructions No. 630, Filipino ownership or interest of the joint venture concerned shall be at least seventy five percent (75%): Provided, further, that joint ventures in which Filipino ownership or interest is less than

seventy five percent (75%) may be eligible where the structures to be built require the application of techniques and/or technologies which are not adequately possessed by a person/entity meeting the seventy five percent (75%) Filipino ownership requirement: Provided, finally, that in the latter case, Filipino ownership or interest shall not be less than twenty five percent (25%). For this purpose, Filipino ownership or interest shall be based on the contributions of each of the members of the joint venture as specified in their JVA.

- 5.2. The BULACAN STATE UNIVERSITY may also invite foreign bidders when provided for under any Treaty or International or Executive Agreement as specified in the **BDS**.
- 5.3. Government owned or controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the BULACAN STATE UNIVERSITY.
- 5.4. (a) 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 Philippine Statistics Authority (PSA) consumer price index. However, contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.  
  
(b) For Foreign-funded Procurement, the BULACAN STATE UNIVERSITY and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the **BDS**.

For this purpose, contracts similar to the Project shall be those described in the **BDS**.

- 5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, calculated as follows:

$$\text{NFCC} = [(\text{Current assets minus current liabilities}) (15)] \text{ minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.}$$

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements (AFS) submitted to the BIR.

For purposes of computing the foreign bidders' NFCC, the value of the current assets and current liabilities shall be based on their audited financial statements prepared in accordance with international financial reporting standards.

## **6. Bidder's Responsibilities**

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section IX. Bidding Forms as required in **ITB** Clause 12.1(b)(iii).
- 6.2. The Bidder is responsible for the following:
  - (a) Having taken steps to carefully examine all of the Bidding Documents;
  - (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
  - (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
  - (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin/s as provided under **ITB** Clause 10.4.
  - (e) Ensuring that it is not "blacklisted" or barred from bidding by the GoP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
  - (f) Ensuring that 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;
  - (g) Authorizing the Head of the BULACAN STATE UNIVERSITY or its duly authorized representative/s to verify all the documents submitted;
  - (h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract, accompanied by the duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, whichever is applicable;
  - (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;

- (j) Complying with existing labor laws and standards, in the case of procurement of services. Moreover, bidder undertakes to:

- (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the BULACAN STATE UNIVERSITY or the DOLE of underpayment or non-payment of workers' wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

- (ii) Comply with occupational safety and health standards and to correct deficiencies, if any.

In case of imminent danger, injury or death of the worker, bidder undertakes to suspend contract implementation pending clearance to proceed from the DOLE Regional Office and to comply with Work Stoppage Order; and

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and

- (k) Ensuring that it 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;

Failure to observe any of the above responsibilities shall be at the risk of the Bidder concerned.

- 6.3. The Bidder, by the act of submitting its bid, shall be deemed to have inspected the site, determined the general characteristics of the contract works and the conditions for this Project and examine all instructions, forms, terms, and project requirements in the Bidding Documents.
- 6.4. It shall be the sole responsibility of the prospective bidder to determine and to satisfy itself by such means as it considers necessary or

desirable as to all matters pertaining to this Project, including: (a) the location and the nature of the contract, project, or 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.

- 6.5. The BULACAN STATE UNIVERSITY shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the BULACAN STATE UNIVERSITY. However, the BULACAN STATE UNIVERSITY shall ensure that all information in the Bidding Documents, including supplemental/bid bulletins issued are correct and consistent.
- 6.6. Before submitting their bids, the Bidders are deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect the contract in any way.
- 6.7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the BULACAN STATE UNIVERSITY will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 6.8. The Bidder should note that the BULACAN STATE UNIVERSITY will accept bids only from those that have paid the applicable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

## **7. Origin of Goods and Services**

There is no restriction on the origin of Goods, or Contracting of Works or Services other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations.

## **8. Subcontracts**

- 8.1. Unless otherwise specified in the **BDS**, the Bidder may subcontract portions of the Works to an extent as may be approved by the BULACAN STATE UNIVERSITY and stated in the **BDS**. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.
- 8.2. Subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the BULACAN STATE UNIVERSITY to be ineligible, the subcontracting of such portion of the Works shall be disallowed.

- 8.3. The Bidder may identify the subcontractor to whom a portion of the Works will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

## **B. Contents of Bidding Documents**

### **9. Pre-Bid Conference**

- 9.1. (a) If so specified in the **BDS**, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.
- (b) The pre-bid conference shall be held at least twelve (12) calendar days before the deadline for the submission of and receipt of bids, but not earlier than seven (7) calendar days from the posting of the Invitation to Bid/Bidding Documents in the PhilGEPS website. If the BULACAN STATE UNIVERSITY determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GoP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the BULACAN STATE UNIVERSITY's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.
- 9.3. Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

### **10. Clarification and Amendment of Bidding Documents**

- 10.1. Prospective bidders may request for clarification(s) on and/or interpretation of any part of the Bidding Documents. Such a request must be in writing and submitted to the BULACAN STATE UNIVERSITY at the address indicated in the **BDS** at least ten (10)

calendar days before the deadline set for the submission and receipt of Bids.

- 10.2. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also be issued upon the BULACAN STATE UNIVERSITY's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.
- 10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the BULACAN STATE UNIVERSITY concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

## **C. Preparation of Bids**

### **11. Language of Bids**

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and 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. The English translation shall govern, for purposes of interpretation of the bid.

### **12. Documents Comprising the Bid: Eligibility and Technical Components**

- 12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:

- (a) Eligibility Documents –  
Class "A" Documents



- (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with Section 37.1.4 of the IRR;
- (ii) Statement 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

Statement of the Bidder's SLCC similar to the contract to be bid, in accordance with ITB Clause 5.4.

The two statements required shall indicate for each contract the following:

- (ii.1) name of the contract;
- (ii.2) date of the contract;
- (ii.3) contract duration;
- (ii.4) owner's name and address;
- (ii.5) nature of work;
- (ii.6) contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation;
- (ii.7) total contract value at award;
- (ii.8) date of completion or estimated completion time;
- (ii.9) total contract value at completion, if applicable;
- (ii.10) percentages of planned and actual accomplishments, if applicable; and
- (ii.11) value of outstanding works, if applicable.

The statement of the Bidder's SLCC shall be supported by the Notice of Award and/or Notice to Proceed, Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory. In case of contracts

with the private sector, an equivalent document shall be submitted;

- (iii) Unless otherwise provided in the **BDS**, a valid special PCAB License in case of joint ventures, and registration for the type and cost of the contract for this Project; and
- (iv) NFCC computation in accordance with ITB Clause 5.5.

Class “B” Documents

- (v) If applicable, Joint Venture Agreement (JVA) in accordance with RA 4566.

(b) Technical Documents –

- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
  - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
  - (i.2) a surety bond accompanied by a certification coming from the Insurance Commission that the surety or insurance company is authorized to issue such instruments.
- (ii) Project Requirements, which shall include the following:
  - (ii.1) Organizational chart for the contract to be bid;
  - (ii.2) List of contractor’s 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. These personnel must meet the required minimum years of experience set in the **BDS**; and
  - (ii.3) 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, which must meet the minimum requirements for the contract set in the **BDS**; and

- (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section IX. Bidding Forms.0

### **13. Documents Comprising the Bid: Financial Component**

13.1. Unless otherwise stated in the **BDS**, the financial component of the bid shall contain the following:

- (a) Financial Bid Form, which includes bid prices and the bill of quantities, in accordance with **ITB** Clauses 15.1 and 15.3; and
- (b) Any other document related to the financial component of the bid as stated in the **BDS**.

13.2. (a) Unless otherwise stated in the **BDS**, all Bids that exceed the ABC shall not be accepted.

- (b) Unless otherwise indicated in the **BDS**, for foreign-funded procurement, a ceiling may be applied to bid prices provided the following conditions are met:

- (i) Bidding Documents are obtainable free of charge on a freely accessible website. If payment of Bidding Documents is required by the procuring entity, payment could be made upon the submission of bids.
- (ii) The BULACAN STATE UNIVERSITY has procedures in place to ensure that the ABC is based on recent estimates made by the engineer or the responsible unit of the BULACAN STATE UNIVERSITY and that the estimates are based on adequate detailed engineering (in the case of infrastructure projects) and reflect the quality, supervision and risk and inflationary factors, as well as prevailing market prices, associated with the types of works or goods to be procured.
- (iii) The BULACAN STATE UNIVERSITY has trained cost estimators on estimating prices and analyzing bid variances. In the case of infrastructure projects, the BULACAN STATE UNIVERSITY must also have trained quantity surveyors.
- (iv) The BULACAN STATE UNIVERSITY has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
- (v) The BULACAN STATE UNIVERSITY has established a monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

## 14. Alternative Bids

- 14.1. Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.
- 14.2. 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.
- 14.3. Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

## 15. Bid Prices

- 15.1. The contract shall be for the whole Works, as described in **ITB** Clause 1.1, based on the priced Bill of Quantities submitted by the Bidder.
- 15.2. The Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Bill of Quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be provided for.
- 15.3. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, prior to the deadline for submission of bids, shall be included in the rates, prices, and total bid price submitted by the Bidder.
- 15.4. All bid prices for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as specified in GCC Clause 48. Upon the recommendation of the BULACAN STATE UNIVERSITY, price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon approval

by the GPPB. Furthermore, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GoP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

## 16. Bid Currencies

- 16.1. All bid prices shall be quoted in Philippine Pesos unless otherwise provided in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate prevailing on the day of the Bid Opening.
- 16.2. If so allowed in accordance with **ITB** Clause 16.1, the BULACAN STATE UNIVERSITY for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the exchange rate as published in the *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.
- 16.3. Unless otherwise specified in the **BDS**, payment of the contract price shall be made in Philippine Pesos.

## 17. Bid Validity

- 17.1. Bids shall remain valid for the period specified in the **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.
- 17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the BULACAN STATE UNIVERSITY may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

## 18. Bid Security

- 18.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in an amount stated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)
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(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security; and/or	Five percent (5%)

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the Bidder shall enter into contract with the BULACAN STATE UNIVERSITY and furnish the performance security required under ITB Clause 32.2, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as fine, and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as provided in the guidelines issued by the GPPB.

- 18.2. The bid security should be valid for the period specified in the **BDS**. Any bid not accompanied by an acceptable bid security shall be rejected by the BULACAN STATE UNIVERSITY as non-responsive.
- 18.3. No bid securities shall be returned to Bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a request for reconsideration and/or protest, or lapse of the reglementary period without having filed a request for reconsideration or protest. Without prejudice on its forfeiture, Bid Securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) has signed the contract and furnished the Performance Security, but in no case later than the expiration of the Bid Security validity period indicated in **ITB Clause 18.2**.
- 18.4. Upon signing and execution of the contract, pursuant to **ITB** Clause 31, and the posting of the performance security, pursuant to **ITB** Clause 32, the successful Bidder's Bid Security will be discharged, but in no

case later than the Bid Security validity period as indicated in **ITB Clause 18.2.**

18.5. The bid security may be forfeited:

- (a) if a Bidder:
  - (i) withdraws its bid during the period of bid validity specified in **ITB** Clause 17;
  - (ii) does not accept the correction of errors pursuant to **ITB** Clause 27.3(b);
  - (iii) has a finding against the veracity of the required documents submitted in accordance with ITB Clause 28.2;
  - (iv) submission of eligibility requirements containing false information or falsified documents;
  - (v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;
  - (vi) allowing the use of one's name, or using the name of another for purposes of public bidding;
  - (vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the LCRB;
  - (viii) refusal or failure to post the required performance security within the prescribed time;
  - (ix) refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification;
  - (x) any documented attempt by a Bidder to unduly influence the outcome of the bidding in his favor;
  - (xi) failure of the potential joint venture partners to enter into the joint venture after the bid is declared successful; or
  - (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.

- (b) if the successful Bidder:
  - (i) fails to sign the contract in accordance with **ITB** Clause 31;
  - (ii) fails to furnish performance security in accordance with **ITB** Clause 32.

## **19. Format and Signing of Bids**

- 19.1 Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in Section IX. Bidding Forms on or before the deadline specified in the **ITB** Clause 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under **ITB** Clause 12.1, and the second shall contain the financial component of the bid. This shall also be observed for each lot in the case of lot procurement.
- 19.2 Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.3 The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.4 Each and every page of the Bid Form, including the Bill of Quantities, under Section IX hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- 19.5 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

## **20. Sealing and Marking of Bids**

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12, in one sealed envelope marked "ORIGINAL - TECHNICAL COMPONENT," and the original of their financial component in another sealed envelope marked "ORIGINAL - FINANCIAL COMPONENT," sealing them all in an outer envelope marked "ORIGINAL BID."
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as "COPY NO. \_\_\_\_ - TECHNICAL COMPONENT" and "COPY NO. \_\_\_\_ – FINANCIAL COMPONENT" and



the outer envelope as "COPY NO. \_\_\_\_," respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.

- 20.3. The original and the number of copies of the bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.
- 20.4. All envelopes shall:
- (a) contain the name of the contract to be bid in capital letters;
  - (b) bear the name and address of the Bidder in capital letters;
  - (c) be addressed to the BULACAN STATE UNIVERSITY's BAC in accordance with **ITB** Clause 20.1;
  - (d) bear the specific identification of this bidding process indicated in the **ITB** Clause 1.2; and
  - (e) bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the BULACAN STATE UNIVERSITY shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

## **D. Submission and Opening of Bids**

### **21. Deadline for Submission of Bids**

Bids must be received by the BULACAN STATE UNIVERSITY's BAC at the address and on or before the date and time indicated in the **BDS**.

### **22. Late Bids**

Any bid submitted after the deadline for submission and receipt of bids prescribed by the BULACAN STATE UNIVERSITY, pursuant to **ITB** Clause 21, shall be declared "Late" and shall not be accepted by the BULACAN STATE UNIVERSITY. The BAC shall record in the minutes of Bid Submission and Opening, the Bidder's name, its representative and the time the late bid was submitted.

### **23. Modification and Withdrawal of Bids**

- 23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the BULACAN STATE UNIVERSITY prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed and properly identified in accordance with Clause 20, linked to its original bid marked as "TECHNICAL MODIFICATION" or "FINANCIAL MODIFICATION" and stamped "received" by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.
- 23.2. A Bidder may, through a Letter of Withdrawal, withdraw its bid after it has been submitted, for valid and justifiable reason; provided that the Letter of Withdrawal is received by the BULACAN STATE UNIVERSITY prior to the deadline prescribed for submission and receipt of bids. The Letter of Withdrawal must be executed by the authorized representative of the Bidder identified in the Omnibus Sworn Statement, a copy of which should be attached to the letter.
- 23.3. Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder, who has acquired the bidding documents may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4. No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder's bid security, pursuant to **ITB** Clause 18.5, and the imposition of administrative, civil, and criminal sanctions as prescribed by RA 9184 and its IRR.

## **24. Opening and Preliminary Examination of Bids**

- 24.1. The BAC shall open the Bids in public, immediately after the deadline for the submission and receipt of bids in public, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the BULACAN STATE UNIVERSITY concerned.
- 24.2. Unless otherwise specified in the BDS, the BAC shall open the first bid envelopes and determine each Bidder's compliance with the documents prescribed in ITB Clause 12, using a non-discretionary "pass/fail" criterion. If a Bidder submits the required document, it shall

be rated “passed” for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as “failed”. Otherwise, the BAC shall rate the said first bid envelope as “passed”.

- 24.3. Unless otherwise specified in the **BDS**, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible Bidder whose first bid envelope was rated “passed.” The second envelope of each complying Bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as “failed.” Only bids that are determined to contain all the bid requirements for both components shall be rated “passed” and shall immediately be considered for evaluation and comparison.
- 24.4. Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class “A” Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR.:
  - a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
  - b) Mayor’s/Business permit issued by the local government where the principal place of business of the Bidder is located; and
  - c) Audited Financial Statements showing, among others, the prospective Bidder’s total and current assets and liabilities stamped “received” by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the document required in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)(iii) to 12.1(a)(iv) by any of the joint venture partners constitutes compliance.

- 24.8. The BULACAN STATE UNIVERSITY shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8. The Bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the Bid Opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9 To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all Bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

## **E. Evaluation and Comparison of Bids**

### **25. Process to be Confidential**

- 25.1. Members of the BAC, including its staff and personnel, as well as its Secretariat and TWG, are prohibited from making or accepting any kind of communication with any Bidder regarding the evaluation of their bids until the issuance of the Notice of Award, unless otherwise allowed in the case of **ITB** Clause 26.
- 25.2. Any effort by a Bidder to influence the BULACAN STATE UNIVERSITY in the BULACAN STATE UNIVERSITY's decision in respect of bid evaluation, bid comparison or contract award will result in the rejection of the Bidder's bid.

### **26. Clarification of Bids**

To assist in the evaluation, comparison and post-qualification of the bids, the BULACAN STATE UNIVERSITY may ask in writing any Bidder for a clarification of its bid. All responses to requests for clarification shall be in writing. Any clarification submitted by a Bidder in respect to its bid and that is not in response to a request by the BULACAN STATE UNIVERSITY shall not be considered

### **27. Detailed Evaluation and Comparison of Bids**

- 27.1. The BULACAN STATE UNIVERSITY will undertake the detailed evaluation and comparison of Bids which have passed the opening and preliminary examination of Bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.

- 27.2. The Lowest Calculated Bid shall be determined in two steps:
- (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
  - (b) The ranking of the total bid prices as so calculated from the lowest to highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 27.3. The BULACAN STATE UNIVERSITY's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary "pass/fail" criterion. The BAC shall consider the following in the evaluation of bids:
- (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the BULACAN STATE UNIVERSITY, except those required by law or regulations to be provided for; and
  - (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 27.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 27.5. The BULACAN STATE UNIVERSITY's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Bill of Quantities.
- 27.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all Bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.

- 27.7. If so indicated pursuant to **ITB** Clause 1.2. Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids 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 BULACAN STATE UNIVERSITY. Bid prices quoted shall correspond to all of the requirements specified for each lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in **BDS** Clause 27.3.

## **28. Post Qualification**

- 28.1. The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
- 28.2. 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**.

Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the Bidder for award. Provided in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the bid security in accordance with Section 69 of the IRR of RA 9184.

- 28.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to **ITB** Clauses 12 and 13, as well as other information as the BULACAN STATE UNIVERSITY deems necessary and appropriate, using a non-discretionary "pass/fail" criterion, which shall be completed within a period of twelve (12) calendar days.
- 28.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the LCRB, and recommend to the Head of the BULACAN STATE UNIVERSITY the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower, subject to **ITB** Clause 30.3.
- 28.5. A negative determination shall result in rejection of the Bidder's bid, in which event the BULACAN STATE UNIVERSITY shall proceed to the next Lowest Calculated Bid, with a fresh period to make a similar determination of that Bidder's capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next

Lowest Calculated Bid, and so on until the LCRB is determined for recommendation of contract award.

- 28.6. Within a period not exceeding fifteen (15) calendar days from the determination by the BAC of the LCRB and the recommendation to award the contract, the Head of the BULACAN STATE UNIVERSITY or his duly authorized representative shall approve or disapprove the said recommendation.
- 28.7. In the event of disapproval, which shall be based on valid, reasonable, and justifiable grounds as provided for under Section 41 of the IRR of RA 9184, the Head of the BULACAN STATE UNIVERSITY shall notify the BAC and the Bidder in writing of such decision and the grounds for it. When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the Bidder with the Head of the BULACAN STATE UNIVERSITY in accordance with Section 37.1.3 of the IRR of RA 9184.

## **29. Reservation Clause**

- 29.1. Notwithstanding the eligibility or post-qualification of a Bidder, the BULACAN STATE UNIVERSITY concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the BULACAN STATE UNIVERSITY shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.
- 29.2. Based on the following grounds, the BULACAN STATE UNIVERSITY reserves the right to reject any and all Bids, declare a Failure of Bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any liability, and make no assurance that a contract shall be entered into as a result of the bidding:
  - (a) If there is *prima facie* evidence of collusion between appropriate public officers or employees of the BULACAN STATE UNIVERSITY, or between the BAC and any of the Bidders, or if the collusion is between or among the Bidders themselves, or between a Bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;

- (b) If the BULACAN STATE UNIVERSITY's BAC is found to have failed in following the prescribed bidding procedures; or
- (c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP as follows:
  - (i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the Head of the BULACAN STATE UNIVERSITY;
  - (ii) If the project is no longer necessary as determined by the Head of the BULACAN STATE UNIVERSITY; and
  - (iii) If the source of funds for the project has been withheld or reduced through no fault of the BULACAN STATE UNIVERSITY.

29.3. In addition, the BULACAN STATE UNIVERSITY may likewise declare a failure of bidding when:

- (a) No bids are received;
- (b) All prospective Bidders are declared ineligible;
- (c) All bids fail to comply with all the bid requirements, fail post-qualification; or
- (d) The Bidder with the LCRB refuses, without justifiable cause, to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

## **F. Award of Contract**

### **30. Contract Award**

- 30.1. Subject to **ITB** Clause 28, the Head of the BULACAN STATE UNIVERSITY or its duly authorized representative shall award the contract to the Bidder whose bid has been determined to be the LCRB.
- 30.2. Prior to the expiration of the period of bid validity, the BULACAN STATE UNIVERSITY shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award duly received by the Bidder or its representative personally or by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the Bidder with the LCRB and submitted personally or sent by registered mail or electronically to the BULACAN STATE UNIVERSITY.



30.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:

- (a) Submission of the following documents within ten (10) calendar days from receipt of the Notice of Award:
  - (i) In the case of procurement by a Philippine Foreign Service Office or Post, the PhilGEPS Registration Number of the winning foreign Bidder; or
  - (ii) Valid PCAB license and registration for the type and cost of the contract to be bid for foreign bidders when the Treaty or International or Executive Agreement expressly allows submission of the PCAB license and registration for the type and cost of the contract to be bid as a pre-condition to the Award;
- (b) Posting of the performance security in accordance with **ITB** Clause 32;
- (c) Signing of the contract as provided in **ITB** Clause 31; and
- (d) Approval by higher authority, if required, as provided in Section 37.3 of the IRR of RA 9184.

## **31. Signing of the Contract**

- 31.1. At the same time as the BULACAN STATE UNIVERSITY notifies the successful Bidder that its bid has been accepted, the BULACAN STATE UNIVERSITY shall send the Contract Form to the Bidder, which Contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 31.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security, sign and date the contract and return it to the BULACAN STATE UNIVERSITY.
- 31.3. The BULACAN STATE UNIVERSITY shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 31.4. The following documents shall form part of the contract:
  - (a) Contract Agreement;
  - (b) Bidding Documents;
  - (c) Winning Bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (e.g., Bidder's response to request for clarifications on the bid),

including corrections to the bid, if any, resulting from the BULACAN STATE UNIVERSITY's bid evaluation;

- (d) Performance Security;
- (e) Notice of Award of Contract; and
- (f) Other contract documents that may be required by existing laws and/or specified in the **BDS**.

## **32. Performance Security**

32.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the BULACAN STATE UNIVERSITY and in no case later than the signing of the contract.

32.2. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the BULACAN STATE UNIVERSITY in an amount not less than the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Ten percent (10%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)

32.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the BULACAN

STATE UNIVERSITY shall have a fresh period to initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until LCRB is identified and selected for recommendation of contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement, if necessary.

**33. Notice to Proceed**

Within seven (7) calendar days from the date of approval of the Contract by the appropriate government approving authority, the BULACAN STATE UNIVERSITY shall issue the Notice to Proceed (NTP) together with a copy or copies of the approved contract to the successful Bidder. All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful Bidder.

**34. Protest Mechanism**

Decision of the BULACAN STATE UNIVERSITY at any stage of the procurement process may be questioned in accordance with Sections 55 of the IRR of RA 9184.

# Bid Data Sheet

ITB Clause	
1.1	<p>The Procuring Entity is <b>Bulacan State University (BulSU)</b>.</p> <p>The name of the Contract is: <b>Proposed Five – Storey Engineering Building Phase 1</b></p> <p>The identification number of the Contract is <b>Infra-2018-02</b>.</p>
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through <b>General Fund for the contract approved by the Board of Regents in the amount of Sixty-Nine Million Eight Hundred Thirty-Three Thousand Four Hundred Twenty-Four Pesos and 34/100 (Php 69,833,424.34)</b>.</p> <p>The name of the Project is <b>Proposed Five – Storey Engineering Building Phase 1</b></p>
3.1	No further instructions.
5.1	No further instructions.
5.2	Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.
5.4(a)	<p>The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project <b><u>within the last three (3) years</u></b>, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority (PSA) consumer price index. However, contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.</p> <p><b><u>Similar project refers to any vertical project with Bored Piling Works at least 18m. in depth costing at least Php 34,916,712.17 (50 % of the ABC).</u></b></p> <p>Supporting documents to be submitted:</p> <ul style="list-style-type: none"> <li>(1) Program of Works;</li> <li>(2) Notice of Award or Notice to Proceed or Contract issued by the owners;</li> <li>(3) Owner's Certificate of Final Acceptance; or the Constructors Performance Evaluation Summary (CPES) Final Rating or the Certificate of Completion, must be satisfactory.</li> </ul>
5.4(b)	For this purpose, similar contracts shall refer to contracts which have the same major categories of work.
8.2	Not applicable.

9.1	The BULACAN STATE UNIVERSITY will hold a <b>Pre-bid Conference</b> for this Project on <b>June 11, 2018 (Monday), 1:30 p.m.</b> at the <b>Alumni Office, 2nd Floor, Main Campus, Bulacan State University, Guinhawa, City of Malolos, Bulacan</b>																
10.1	The BULACAN STATE UNIVERSITY's address is:  <i>Guinhawa, City of Malolos, Bulacan</i> <b>ANNE CAMILLE C. BAUTISTA</b> <i>BAC Secretariat – Infra &amp; Repairs</i> Tel No. : (044) 919-7800 loc 1053; Fax No.: (044) 794-7755 E-mail address: bulsu.bac1secretariat@bulsu.edu.ph																
10.4	No further instructions.																
12.1	No further instructions.																
12.1(a)(iii)	Valid Philippine Contractors Accreditation Board (PCAB) License at least:  Size Range – Large A License Category- AA																
12.1 (a) (v)	Class “B” Document:  For Infrastructure Projects, Joint Venture bidders shall submit a Joint Venture Agreement (JVA) in accordance with RA 4566 and the IRR of RA 9184.  Each partner of the joint venture shall submit their respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of the IRR of RA 9184. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, That the partner responsible to submit the NFCC shall likewise submit the Statement of all its on-going contracts and Audited Financial Statements.																
12.1(b)(ii.1)	Organizational Chart for the Contract to be bid																
12.1(b)(ii.2)	The minimum work experience requirements for key personnel are the following: <table border="1"> <thead> <tr> <th>Key Personnel</th><th>Support Personnel</th></tr> </thead> <tbody> <tr> <td>1.Project Manager</td><td>1. Foreman/ Site Superintendent</td></tr> <tr> <td>2.Project-in-charge</td><td>2. Heavy Equipment Operators</td></tr> <tr> <td>3.Office Engineer</td><td>3. Service Vehicle Driver</td></tr> <tr> <td>4.Admin Officer</td><td>4. Buyer</td></tr> <tr> <td>5.Surveyor</td><td>5. Warehouseman</td></tr> <tr> <td>6.Safety Officer</td><td>6. Timekeeper</td></tr> <tr> <td>7.Quality Assurance Officer</td><td>7. Carpenter</td></tr> </tbody> </table>	Key Personnel	Support Personnel	1.Project Manager	1. Foreman/ Site Superintendent	2.Project-in-charge	2. Heavy Equipment Operators	3.Office Engineer	3. Service Vehicle Driver	4.Admin Officer	4. Buyer	5.Surveyor	5. Warehouseman	6.Safety Officer	6. Timekeeper	7.Quality Assurance Officer	7. Carpenter
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	<p>Notes:</p> <p>1. The list of contractor’s personnel must be supported by a complete qualifications and experiences data.</p> <p>2. Key personnel named in the bid proposal must be committed to the project from the start date of the contract up to its duration. In case of replacement of key personnel, the contractor must request in writing to the BulSU indicating the valid reasons for such replacement and the same must be approved.</p>												
12.1(b)(ii.3)	<p>The minimum major equipment requirements are the following:</p> <table><tr><td><b>Major Equipment Requirements</b></td></tr><tr><td>1.Surveying Instrument</td></tr><tr><td>2. Drilling Machine</td></tr><tr><td>3. Mechanical Pump</td></tr><tr><td>4.Mobile Crane</td></tr><tr><td>5.Backhoe/ Excavator</td></tr><tr><td>6.Dump Truck</td></tr><tr><td>7. Payloader</td></tr><tr><td>8. Bentonite Tank</td></tr><tr><td>9. Welding Machine</td></tr><tr><td>10. Testing Equipment</td></tr><tr><td>11. Miscellaneous Tools</td></tr></table>	<b>Major Equipment Requirements</b>	1.Surveying Instrument	2. Drilling Machine	3. Mechanical Pump	4.Mobile Crane	5.Backhoe/ Excavator	6.Dump Truck	7. Payloader	8. Bentonite Tank	9. Welding Machine	10. Testing Equipment	11. Miscellaneous Tools
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12.1(b)(ii.4)	<p>Additional documents to be included in the technical envelope</p> <p>a. Construction Schedule and S-curve;</p> <p>b. Manpower Schedule;</p> <p>c. Detailed Construction Methods;</p> <p>d. PERT/CPM (network diagram);</p> <p>e. Equipment/Tools Utilization Schedule;</p> <p>f. Site Inspection Certificate issued by BulSU; and</p> <p>g. Contractor’s Confirmation with the Construction Specifications</p>												

13.1(b)	<p>This shall include all of the following documents:</p> <ol style="list-style-type: none"> <li>1) Duly signed Financial Bid Form;</li> <li>2) Bid prices in the Bill of Quantities;</li> <li>3) Detailed estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid;</li> <li>4) Cash flow by quarter or payment schedule;</li> <li>5) Detailed Unit Price Analysis;</li> <li>6) Back-up quantity computation sheet/tally sheet as programmed and</li> <li>7) Soft copy in compact disc (CD) of the duly priced Bill of Quantities &amp; Detailed Estimates using Microsoft Excel.</li> </ol>
13.2	<p>The ABC is <b>Sixty-Nine Million Eight Hundred Thirty-Three Thousand Four Hundred Twenty-Four Pesos and 34/100 (Php 69,833,424.34).</b></p> <p>Any bid with a financial component exceeding this amount shall not be accepted.</p>
14.2	No further instructions.
15.4	No further instruction.
16.1	The bid prices shall be quoted in Philippine Pesos.
16.3	No further instructions.
17.1	Bids will be valid until <b>one hundred twenty (120) calendar days after bid opening.</b>
18.1	<p>The bid security shall be in the form of a <u>Bid Securing Declaration</u> or any of the following forms and amounts:</p> <ol style="list-style-type: none"> <li>1.The amount of not less than <b>P 1,396,668.49</b> <i>[Insert 2% of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li> <li>2.The amount of not less than <b>P 3,491,671.22</b> <i>[Insert 5% of ABC]</i> if bid security is in Surety Bond.</li> </ol>
18.2	The bid security shall be valid until <b>one hundred twenty (120) calendar days after bid opening.</b>
20.3	Each Bidder shall submit <b><u>one (1) original and three (3) certified copies of the first and second components of its bid duly signed and sealed.</u></b>
21	<p>The address for submission of bids is:</p> <p><b>BIDS AND AWARDS COMMITTEE</b>  <b>Infrastructure and Repairs</b>  BULACAN STATE UNIVERSITY  Guinhawa, City of Malolos, Bulacan.</p> <p>The deadline for submission of bids is on <b>June 26, 2018 (Tuesday), 9:00 a.m.</b></p>
24.1	The place of bid opening is:

	<b>Alumni Affairs Office</b> <b>2nd Floor, Main Campus</b> <b>Bulacan State University</b> <b>Guinhawa, City of Malolos, Bulacan.</b>
	The date and time of bid opening is on <b>June 26, 2018 (Tuesday), 9:00 a.m.</b>
24.2	No further instructions.
24.3	No further instructions.
27.3	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
27.4	No further instructions.
28.2	<i>List licenses and permits relevant to the Project and the corresponding law requiring it or state "None."</i>
31.4(f)	No further instructions.



## Definitions

For purposes of this Clause, boldface type is used to identify defined terms.

- 1.1. The **Arbiter** is the person appointed jointly by the BULACAN STATE UNIVERSITY and the Contractor to resolve disputes in the first instance, as provided for in **GCC** Clause 21.
- 1.2. **Bill of Quantities** refers to a list of the specific items of the Work and their corresponding unit prices, lump sums, and/or provisional sums.
- 1.3. The **Completion Date** is the date of completion of the Works as certified by the BULACAN STATE UNIVERSITY's Representative, in accordance with **GCC** Clause 49.
- 1.4. The **Contract** is the contract between the BULACAN STATE UNIVERSITY and the Contractor to execute, complete, and maintain the Works.
- 1.5. The **Contract Effectivity Date** is the date of signing of the Contract. However, the contractor shall commence execution of the Works on the Start Date as defined in GCC Clause 1.28.
- 1.6. The **Contract Price** is the price stated in the Notice of Award and thereafter to be paid by the BULACAN STATE UNIVERSITY to the Contractor for the execution of the Works in accordance with this Contract
- 1.7. **Contract Time Extension** is the allowable period for the Contractor to complete the Works in addition to the original Completion Date stated in this Contract.
- 1.8. The **Contractor** is the juridical entity whose proposal has been accepted by the BULACAN STATE UNIVERSITY and to whom the Contract to execute the Work was awarded.
- 1.9. The **Contractor's Bid** is the signed offer or proposal submitted by the Contractor to the BULACAN STATE UNIVERSITY in response to the Bidding Documents.
- 1.10. **Days** are calendar days; months are calendar months.
- 1.11. **Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
- 1.12. A **Defect** is any part of the Works not completed in accordance with the Contract.

- 1.13 The **Defects Liability Certificate** is the certificate issued by BULACAN STATE UNIVERSITY's Representative upon correction of defects by the Contractor.
- 1.14 The **Defects Liability Period** is the one year period between contract completion and final acceptance within which the Contractor assumes the responsibility to undertake the repair of any damage to the Works at his own expense.
- 1.15 **Drawings** are graphical presentations of the Works. They include all supplementary details, shop drawings, calculations, and other information provided or approved for the execution of this Contract.
- 1.16 **Equipment** refers to all facilities, supplies, appliances, materials or things required for the execution and completion of the Work provided by the Contractor and which shall not form or are not intended to form part of the Permanent Works.
- 1.17 The **Intended Completion Date** refers to the date specified in the **SCC** when the Contractor is expected to have completed the Works. The Intended Completion Date may be revised only by the BULACAN STATE UNIVERSITY's Representative by issuing an extension of time or an acceleration order.
- 1.18 **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- 1.19 The **Notice to Proceed** is a written notice issued by the BULACAN STATE UNIVERSITY or the BULACAN STATE UNIVERSITY's Representative to the Contractor requiring the latter to begin the commencement of the work not later than a specified or determinable date.
- 1.20 **Permanent Works** are all permanent structures and all other project features and facilities required to be constructed and completed in accordance with this Contract which shall be delivered to the BULACAN STATE UNIVERSITY and which shall remain at the Site after the removal of all Temporary Works.
- 1.21 **Plant** refers to the machinery, apparatus, and the like intended to form an integral part of the Permanent Works.
- 1.22 The **BULACAN STATE UNIVERSITY** is the party who employs the Contractor to carry out the Works stated in the **SCC**.
- 1.23 The **BULACAN STATE UNIVERSITY's Representative** refers to the Head of the BULACAN STATE UNIVERSITY or his duly authorized representative, identified in the **SCC**, who shall be responsible for supervising the execution of the Works and administering this Contract.

- 1.24 The **Site** is the place provided by the BULACAN STATE UNIVERSITY where the Works shall be executed and any other place or places which may be designated in the **SCC**, or notified to the Contractor by the BULACAN STATE UNIVERSITY's Representative as forming part of the Site.
- 1.25 **Site Investigation Reports** are those that were included in the Bidding Documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- 1.26 **Slippage** is a delay in work execution occurring when actual accomplishment falls below the target as measured by the difference between the scheduled and actual accomplishment of the Work by the Contractor as established from the work schedule. This is actually described as a percentage of the whole Works.
- 1.27 **Specifications** means the description of Works to be done and the qualities of materials to be used, the equipment to be installed and the mode of construction.
- 1.28 The **Start Date**, as specified in the **SCC**, is the date when the Contractor is obliged to commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.
- 1.29 A **Subcontractor** is any person or organization to whom a part of the Works has been subcontracted by the Contractor, as allowed by the BULACAN STATE UNIVERSITY, but not any assignee of such person.
- 1.30 **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Permanent Works.
- 1.31 **Work(s)** refer to the Permanent Works and Temporary Works to be executed by the Contractor in accordance with this Contract, including (i) the furnishing of all labor, materials, equipment and others incidental, necessary or convenient to the complete execution of the Works; (ii) the passing of any tests before acceptance by the BULACAN STATE UNIVERSITY's Representative; (iii) and the carrying out of all duties and obligations of the Contractor imposed by this Contract as described in the **SCC**.

### **35. Interpretation**

- 35.1. In interpreting the Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of this Contract unless specifically defined. The BULACAN STATE UNIVERSITY's Representative will provide instructions clarifying queries about the Conditions of Contract.

- 35.2. If sectional completion is specified in the **SCC**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 35.3. The documents forming this Contract shall be interpreted in the following order of priority:
- a) Contract Agreement;
  - b) Bid Data Sheet;
  - c) Instructions to Bidders;
  - d) Addenda to the Bidding Documents;
  - e) Special Conditions of Contract;
  - f) General Conditions of Contract;
  - g) Specifications;
  - h) Bill of Quantities; and
  - i) Drawings.

## **36. Governing Language and Law**

- 36.1. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract which are exchanged by the parties shall be written in English.
- 36.2. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

## **37. Communications**

Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is received by the concerned party.

## **38. Possession of Site**

- 38.1. On the date specified in the **SCC**, the BULACAN STATE UNIVERSITY shall grant the Contractor possession of so much of the Site as may be required to enable it to proceed with the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the BULACAN STATE UNIVERSITY to give possession in accordance with the terms of this clause, the BULACAN STATE UNIVERSITY'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 BULACAN STATE UNIVERSITY.

- 38.2. If possession of a portion is not given by the date stated in the SCC Clause 5.1, the BULACAN STATE UNIVERSITY will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay shall be in accordance with **GCC** Clause 47.
- 38.3. The Contractor shall bear all costs and charges for special or temporary right-of-way required by it in connection with access to the Site. The Contractor shall also provide at his own cost any additional facilities outside the Site required by it for purposes of the Works.
- 38.4. The Contractor shall allow the BULACAN STATE UNIVERSITY's Representative and any person authorized by the BULACAN STATE UNIVERSITY's Representative access to the Site and to any place where work in connection with this Contract is being carried out or is intended to be carried out.

### **39. The Contractor's Obligations**

- 39.1. The Contractor shall carry out the Works properly and in accordance with this Contract. The Contractor shall provide all supervision, labor, Materials, Plant and Contractor's Equipment, which may be required. All Materials and Plant on Site shall be deemed to be the property of the BULACAN STATE UNIVERSITY.
- 39.2. The Contractor shall commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program of Work submitted by the Contractor, as updated with the approval of the BULACAN STATE UNIVERSITY's Representative, and complete them by the Intended Completion Date.
- 39.3. The Contractor shall be responsible for the safety of all activities on the Site.
- 39.4. The Contractor shall carry out all instructions of the BULACAN STATE UNIVERSITY's Representative that comply with the applicable laws where the Site is located.
- 39.5. The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the SCC, to carry out the supervision of the Works. The BULACAN STATE UNIVERSITY 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.
- 39.6. If the BULACAN STATE UNIVERSITY's Representative asks the Contractor to remove a member of the Contractor's staff or work force,

for justifiable cause, the Contractor shall ensure that the person leaves the Site within seven (7) days and has no further connection with the Work in this Contract.

- 39.7. During Contract implementation, the Contractor and his subcontractors shall abide at all times by all labor laws, including child labor related enactments, and other relevant rules.
- 39.8. The Contractor shall submit to the BULACAN STATE UNIVERSITY for consent the name and particulars of the person authorized to receive instructions on behalf of the Contractor.
- 39.9. The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the BULACAN STATE UNIVERSITY between the dates given in the schedule of other contractors particularly when they shall require access to the Site. The Contractor shall also provide facilities and services for them during this period. The BULACAN STATE UNIVERSITY may modify the schedule of other contractors, and shall notify the Contractor of any such modification thereto.
- 39.10. Should anything of historical or other interest or of significant value be unexpectedly discovered on the Site, it shall be the property of the BULACAN STATE UNIVERSITY. The Contractor shall notify the BULACAN STATE UNIVERSITY's Representative of such discoveries and carry out the BULACAN STATE UNIVERSITY's Representative's instructions in dealing with them.

#### **40. Performance Security**

- 40.1. Within ten (10) calendar days from receipt of the Notice of Award from the BULACAN STATE UNIVERSITY but in no case later than the signing of the contract by both parties, the Contractor shall furnish the performance security in any of the forms prescribed in **ITB** Clause 32.2.
- 40.2. The performance security posted in favor of the BULACAN STATE UNIVERSITY shall be forfeited in the event it is established that the Contractor is in default in any of its obligations under the Contract.
- 40.3. The performance security shall remain valid until issuance by the BULACAN STATE UNIVERSITY of the Certificate of Final Acceptance.
- 40.4. The performance security may be released by the BULACAN STATE UNIVERSITY and returned to the Contractor after the issuance of the Certificate of Final Acceptance subject to the following conditions:
  - (a) There are no pending claims against the Contractor or the surety company filed by the BULACAN STATE UNIVERSITY;

- (b) The Contractor has no pending claims for labor and materials filed against it; and
  - (c) Other terms specified in the **SCC**.
- 40.5. The Contractor shall post an additional performance security following the amount and form specified in **ITB** Clause 32.2 to cover any cumulative increase of more than ten percent (10%) over the original value of the contract as a result of amendments to order or change orders, extra work orders and supplemental agreements, as the case may be. The Contractor shall cause the extension of the validity of the performance security to cover approved contract time extensions.
- 40.6. In case of a reduction in the contract value or for partially completed Works under the contract which are usable and accepted by the BULACAN STATE UNIVERSITY the use of which, in the judgment of the implementing agency or the BULACAN STATE UNIVERSITY, will not affect the structural integrity of the entire project, the BULACAN STATE UNIVERSITY shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.
- 40.7. Unless otherwise indicated in the **SCC**, the Contractor, by entering into the Contract with the BULACAN STATE UNIVERSITY, acknowledges the right of the BULACAN STATE UNIVERSITY to institute action pursuant to Act 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.

## **41. Subcontracting**

- 41.1. Unless otherwise indicated in the **SCC**, the Contractor cannot subcontract Works more than the percentage specified in **BDS** Clause 8.1.
- 41.2. Subcontracting of any portion of the Works does not relieve the Contractor of any liability or obligation under this Contract. The Contractor 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.
- 41.3. If subcontracting is allowed. The contractor may identify its subcontractor during contract implementation stage. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under ITB Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by any BULACAN STATE UNIVERSITY to

be eligible, the subcontracting of such portion of the Works shall be disallowed.

## **42. Liquidated Damages**

- 42.1. The Contractor shall pay liquidated damages to the BULACAN STATE UNIVERSITY for each day that the Completion Date is later than the Intended Completion Date. The applicable liquidated damages is at least one-tenth (1/10) of a percent of the cost of the unperformed portion for every day of delay. The total amount of liquidated damages shall not exceed ten percent (10%) of the amount of the contract. The BULACAN STATE UNIVERSITY may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this Contract, the BULACAN STATE UNIVERSITY may rescind or terminate this Contract, without prejudice to other courses of action and remedies available under the circumstances.
- 42.2. If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer of the BULACAN STATE UNIVERSITY shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate.

## **43. 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.

## **44. The Procuring Entity, Licenses and Permits**

The BULACAN STATE UNIVERSITY shall, if requested by the Contractor, assist him in applying for permits, licenses or approvals, which are required for the Works.

## **45. Contractor's Risk and Warranty Security**

- 45.1. The Contractor shall assume full responsibility for the Works from the time project construction commenced up to final acceptance by the BULACAN STATE UNIVERSITY and shall be held responsible for any damage or destruction of the Works except those occasioned by *force majeure*. The Contractor shall be fully responsible for the safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the Works, Equipment, installation, and the like to be affected by his construction work.
- 45.2. The defects liability period for infrastructure projects shall be one year from contract completion up to final acceptance by the BULACAN STATE UNIVERSITY. During this period, the Contractor shall undertake the repair works, at his own expense, of any damage to the



Works on account of the use of materials of inferior quality within ninety (90) days from the time the Head of the BULACAN STATE UNIVERSITY has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the BULACAN STATE UNIVERSITY shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.

- 45.3. Unless otherwise indicated in the **SCC**, in case the Contractor fails to comply with the preceding paragraph, the BULACAN STATE UNIVERSITY 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.
- 45.4. After final acceptance of the Works by the BULACAN STATE UNIVERSITY, the Contractor shall be held responsible for “Structural Defects,” *i.e.*, major faults/flaws/deficiencies in one or more key structural elements of the project which may lead to structural failure of the completed elements or structure, or “Structural Failures,” *i.e.*, where one or more key structural elements in an infrastructure facility fails or collapses, thereby rendering the facility or part thereof incapable of withstanding the design loads, and/or endangering the safety of the users or the general public:
- (a) Contractor – Where Structural Defects/Failures arise due to faults attributable to improper construction, use of inferior quality/substandard materials, and any violation of the contract plans and specifications, the contractor shall be held liable;
  - (b) Consultants – Where Structural Defects/Failures arise due to faulty and/or inadequate design and specifications as well as construction supervision, then the consultant who prepared the design or undertook construction supervision for the project shall be held liable;
  - (c) BULACAN STATE UNIVERSITY’s Representatives/Project Manager/Construction Managers and Supervisors – The project owner’s representative(s), project manager, construction manager, and supervisor(s) shall be held liable in cases where the Structural Defects/Failures are due to his/their willful intervention in altering the designs and other specifications; negligence or omission in not approving or acting on proposed changes to noted defects or deficiencies in the design and/or specifications; and the use of substandard construction materials in the project;
  - (d) Third Parties - Third Parties shall be held liable in cases where Structural Defects/Failures are caused by work undertaken by them such as leaking pipes, diggings or excavations, underground cables and electrical wires, underground tunnel, mining shaft and the like, in which case the applicable warranty

to such structure should be levied to third parties for their construction or restoration works.

- (e) Users - In cases where Structural Defects/Failures are due to abuse/misuse by the end user of the constructed facility and/or non-compliance by a user with the technical design limits and/or intended purpose of the same, then the user concerned shall be held liable.

45.5. The warranty against Structural Defects/Failures, except those occasioned on force majeure, shall cover the period specified in the **SCC** reckoned from the date of issuance of the Certificate of Final Acceptance by the BULACAN STATE UNIVERSITY.

45.6. The Contractor shall be required to put up a warranty security in the form of cash, bank guarantee, letter of credit, GSIS or surety bond callable on demand, in accordance with the following schedule:

Form of Warranty	Amount of Warranty Security Not less than the Percentage (%) of Total Contract Price
(a) Cash or letter of credit issued by Universal or Commercial bank: provided, however, that the letter of credit shall be confirmed or authenticated by a Universal or Commercial bank, if issued by a foreign bank	Five Percent (5%)
(b) Bank guarantee confirmed by Universal or Commercial bank: provided, however, that the letter of credit shall be confirmed or authenticated by a Universal or Commercial bank, if issued by a foreign bank	Ten Percent (10%)
(c) Surety bond callable upon demand issued by GSIS or any surety or insurance company duly certified by the Insurance Commission	Thirty Percent (30%)

45.7. The warranty security shall be stated in Philippine Pesos and shall remain effective for one year from the date of issuance of the Certificate of Final Acceptance by the BULACAN STATE UNIVERSITY, and returned only after the lapse of said one year period.

45.8. In case of structural defects/failure occurring during the applicable warranty period provided in **GCC** Clause 12.5, the BULACAN STATE UNIVERSITY shall undertake the necessary restoration or

reconstruction works and shall be entitled to full reimbursement by the parties found to be liable for expenses incurred therein upon demand, without prejudice to the filing of appropriate administrative, civil, and/or criminal charges against the responsible persons as well as the forfeiture of the warranty security posted in favor of the BULACAN STATE UNIVERSITY.

#### **46. 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.

#### **47. Procuring Entity's Risk**

47.1. From the Start Date until the Certificate of Final Acceptance has been issued, the following are risks of the BULACAN STATE UNIVERSITY:

- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to:
  - (i) any type of use or occupation of the Site authorized by the BULACAN STATE UNIVERSITY after the official acceptance of the works; or
  - (ii) negligence, breach of statutory duty, or interference with any legal right by the BULACAN STATE UNIVERSITY or by any person employed by or contracted to him except the Contractor.
- (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the BULACAN STATE UNIVERSITY or in the BULACAN STATE UNIVERSITY's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

#### **48. Insurance**

48.1. The Contractor shall, under his name and at his own expense, obtain and maintain, for the duration of this Contract, the following insurance coverage:

- (a) Contractor's All Risk Insurance;
- (b) Transportation to the project Site of Equipment, Machinery, and Supplies owned by the Contractor;
- (c) Personal injury or death of Contractor's employees; and

- (d) Comprehensive insurance for third party liability to Contractor's direct or indirect act or omission causing damage to third persons.
- 48.2. The Contractor shall provide evidence to the BULACAN STATE UNIVERSITY's Representative that the insurances required under this Contract have been effected and shall, within a reasonable time, provide copies of the insurance policies to the BULACAN STATE UNIVERSITY's Representative. Such evidence and such policies shall be provided to the BULACAN STATE UNIVERSITY's through the BULACAN STATE UNIVERSITY's Representative.
- 48.3. The Contractor shall notify the insurers of changes in the nature, extent, or program for the execution of the Works and ensure the adequacy of the insurances at all times in accordance with the terms of this Contract and shall produce to the BULACAN STATE UNIVERSITY's Representative the insurance policies in force including the receipts for payment of the current premiums.

The above insurance policies shall be obtained from any reputable insurance company approved by the BULACAN STATE UNIVERSITY's Representative.
- 48.4. If the Contractor fails to obtain and keep in force the insurances referred to herein or any other insurance which he may be required to obtain under the terms of this Contract, the BULACAN STATE UNIVERSITY may obtain and keep in force any such insurances and pay such premiums as may be necessary for the purpose. From time to time, the BULACAN STATE UNIVERSITY may deduct the amount it shall pay for said premiums including twenty five percent (25%) therein from any monies due, or which may become due, to the Contractor, without prejudice to the BULACAN STATE UNIVERSITY exercising its right to impose other sanctions against the Contractor pursuant to the provisions of this Contract.
- 48.5. In the event the Contractor fails to observe the above safeguards, the BULACAN STATE UNIVERSITY may, at the Contractor's expense, take whatever measure is deemed necessary for its protection and that of the Contractor's personnel and third parties, and/or order the interruption of dangerous Works. In addition, the BULACAN STATE UNIVERSITY may refuse to make the payments under **GCC** Clause 40 until the Contractor complies with this Clause.
- 48.6. The Contractor shall immediately replace the insurance policy obtained as required in this Contract, without need of the BULACAN STATE UNIVERSITY's demand, with a new policy issued by a new insurance company acceptable to the BULACAN STATE UNIVERSITY for any of the following grounds:

- (a) The issuer of the insurance policy to be replaced has:

- (i) become bankrupt;
- (ii) been placed under receivership or under a management committee;
- (iii) been sued for suspension of payment; or
- (iv) been suspended by the Insurance Commission and its license to engage in business or its authority to issue insurance policies cancelled; or
- (v) Where reasonable grounds exist that the insurer may not be able, fully and promptly, to fulfill its obligation under the insurance policy.

#### **49. Termination for Default of Contractor**

49.1. The BULACAN STATE UNIVERSITY shall terminate this Contract for default when any of the following conditions attend its implementation:

- (i) Due to the Contractor's fault and while the project is on-going, it has incurred negative slippage of fifteen percent (15%) or more in accordance with Presidential Decree 1870, regardless of whether or not previous warnings and notices have been issued for the Contractor to improve his performance;
- (ii) Due to its own fault and after this Contract time has expired, the Contractor incurs delay in the completion of the Work after this Contract has expired; or
- (iii) The Contractor:
  - (i) abandons the contract Works, refuses or fails to comply with a valid instruction of the BULACAN STATE UNIVERSITY or fails to proceed expeditiously and without delay despite a written notice by the BULACAN STATE UNIVERSITY;
  - (ii) does not actually have on the project Site the minimum essential equipment listed on the bid necessary to prosecute the Works in accordance with the approved Program of Work and equipment deployment schedule as required for the project;
  - (iii) does not execute the Works in accordance with this Contract or persistently or flagrantly neglects to carry out its obligations under this Contract;
  - (iv) neglects or refuses to remove materials or to perform a new Work that has been rejected as defective or unsuitable; or

- (v) sub-lets any part of this Contract without approval by the BULACAN STATE UNIVERSITY.

49.2. All materials on the Site, Plant, Works, including Equipment purchased and funded under the Contract shall be deemed to be the property of the BULACAN STATE UNIVERSITY if this Contract is rescinded because of the Contractor's default.

## **50. Termination for Default of Procuring Entity**

The Contractor may terminate this Contract with the BULACAN STATE UNIVERSITY if the works are completely stopped for a continuous period of at least sixty (60) calendar days through no fault of its own, due to any of the following reasons:

- (a) Failure of the BULACAN STATE UNIVERSITY to deliver, within a reasonable time, supplies, materials, right-of-way, or other items it is obligated to furnish under the terms of this Contract; or
- (b) The prosecution of the Work is disrupted by the adverse peace and order situation, as certified by the Armed Forces of the Philippines Provincial Commander and approved by the Secretary of National Defense.

## **51. Termination for Other Causes**

51.1. The BULACAN STATE UNIVERSITY may terminate this Contract, in whole or in part, at any time for its convenience. The Head of the BULACAN STATE UNIVERSITY may terminate this Contract for the convenience of the BULACAN STATE UNIVERSITY if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and National Government policies.

51.2. The BULACAN STATE UNIVERSITY or the Contractor may terminate this Contract if the other party causes a fundamental breach of this Contract.

51.3. Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- (a) The Contractor stops work for twenty eight (28) days when no stoppage of work is shown on the current Program of Work and the stoppage has not been authorized by the BULACAN STATE UNIVERSITY's Representative;
- (b) The BULACAN STATE UNIVERSITY's Representative instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within twenty eight (28) days;

- (c) The BULACAN STATE UNIVERSITY shall terminate this Contract if the Contractor is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the BULACAN STATE UNIVERSITY and/or the Contractor. In the case of the Contractor's insolvency, any Contractor's Equipment which the BULACAN STATE UNIVERSITY instructs in the notice is to be used until the completion of the Works;
- (d) A payment certified by the BULACAN STATE UNIVERSITY's Representative is not paid by the BULACAN STATE UNIVERSITY to the Contractor within eighty four (84) days from the date of the BULACAN STATE UNIVERSITY's Representative's certificate;
- (e) The BULACAN STATE UNIVERSITY's Representative gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the BULACAN STATE UNIVERSITY's Representative;
- (f) The Contractor does not maintain a Security, which is required;
- (g) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the **GCC** Clause 42; and
- (h) In case it is determined prima facie by the BULACAN STATE UNIVERSITY 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, the following:
  - (i) corrupt, fraudulent, collusive, coercive, and obstructive practices as defined in **ITB** Clause 3.1(a), unless otherwise specified in the SCC;
  - (ii) drawing up or using forged documents;
  - (iii) using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
  - (iv) any other act analogous to the foregoing.

51.4. The Funding Source or the BULACAN STATE UNIVERSITY, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on

individuals and organizations deemed to be involved with corrupt, fraudulent, or coercive practices.

- 51.5. When persons from either party to this Contract gives notice of a fundamental breach to the BULACAN STATE UNIVERSITY's Representative in order to terminate the existing contract for a cause other than those listed under **GCC** Clause 18.3, the BULACAN STATE UNIVERSITY's Representative shall decide whether the breach is fundamental or not.
- 51.6. If this Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

## **52. Procedures for Termination of Contracts**

52.1. The following provisions shall govern the procedures for the termination of this Contract:

- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the BULACAN STATE UNIVERSITY shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;
- (b) Upon recommendation by the BULACAN STATE UNIVERSITY, the Head of the BULACAN STATE UNIVERSITY shall terminate this Contract only by a written notice to the Contractor conveying the termination of this Contract. The notice shall state:
  - (i) that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;
  - (ii) the extent of termination, whether in whole or in part;
  - (iii) an instruction to the Contractor to show cause as to why this Contract should not be terminated; and
  - (iv) special instructions of the BULACAN STATE UNIVERSITY, if any.

The Notice to Terminate shall be accompanied by a copy of the Verified Report;

- (c) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Contractor shall submit to the Head of the BULACAN STATE UNIVERSITY a verified position paper stating why the contract should not be terminated. If the Contractor fails to show cause after the lapse of the seven (7)



day period, either by inaction or by default, the Head of the BULACAN STATE UNIVERSITY shall issue an order terminating the contract;

- (d) The BULACAN STATE UNIVERSITY may, at anytime before receipt of the Contractor's verified position paper described in item (c) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Contractor's receipt of the notice;
- (e) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the Head of the BULACAN STATE UNIVERSITY shall decide whether or not to terminate this Contract. It shall serve a written notice to the Contractor of its decision and, unless otherwise provided in the said notice, this Contract is deemed terminated from receipt of the Contractor of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate; and
- (f) The Head of the BULACAN STATE UNIVERSITY may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the BULACAN STATE UNIVERSITY.

52.2. Pursuant to Section 69(f) of RA 9184 and without prejudice to the imposition of additional administrative sanctions as the internal rules of the agency may provide and/or further criminal prosecution as provided by applicable laws, the procuring entity shall impose on contractors after the termination of the contract the penalty of suspension for one (1) year for the first offense, suspension for two (2) years for the second offense from participating in the public bidding process, for violations committed during the contract implementation stage, which include but not limited to the following:

- (a) Failure of the contractor, due solely to his fault or negligence, to mobilize and start work or performance within the specified period in the Notice to Proceed ("NTP");
- (b) Failure by the contractor to fully and faithfully comply with its contractual obligations without valid cause, or failure by the contractor to comply with any written lawful instruction of the procuring entity or its representative(s) pursuant to the implementation of the contract. For the procurement of infrastructure projects or consultancy contracts, lawful instructions include but are not limited to the following:
  - (i) Employment of competent technical personnel, competent engineers and/or work supervisors;

- (ii) Provision of warning signs and barricades in accordance with approved plans and specifications and contract provisions;
  - (iii) Stockpiling in proper places of all materials and removal from the project site of waste and excess materials, including broken pavement and excavated debris in accordance with approved plans and specifications and contract provisions;
  - (iv) Deployment of committed equipment, facilities, support staff and manpower; and
  - (v) Renewal of the effectivity dates of the performance security after its expiration during the course of contract implementation.
- (c) Assignment and subcontracting of the contract or any part thereof or substitution of key personnel named in the proposal without prior written approval by the procuring entity.
- (d) Poor performance by the contractor or unsatisfactory quality and/or progress of work arising from his fault or negligence as reflected in the Constructor's Performance Evaluation System ("CPES") rating sheet. In the absence of the CPES rating sheet, the existing performance monitoring system of the procuring entity shall be applied. Any of the following acts by the Contractor shall be construed as poor performance:
- (i) Negative slippage of 15% and above within the critical path of the project due entirely to the fault or negligence of the contractor; and
  - (ii) Quality of materials and workmanship not complying with the approved specifications arising from the contractor's fault or negligence.
- (e) Willful or deliberate abandonment or non-performance of the project or contract by the contractor resulting to substantial breach thereof without lawful and/or just cause.

In addition to the penalty of suspension, the performance security posted by the contractor shall also be forfeited.

## **53. Force Majeure, Release From Performance**

- 53.1. For purposes of this Contract the terms "*force majeure*" and "fortuitous event" may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Contractor could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions;

and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Contractor.

- 53.2. If this Contract is discontinued by an outbreak of war or by any other event entirely outside the control of either the BULACAN STATE UNIVERSITY or the Contractor, the BULACAN STATE UNIVERSITY's Representative shall certify that this Contract has been discontinued. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any Work carried out afterwards to which a commitment was made.
- 53.3. If the event continues for a period of eighty four (84) days, either party may then give notice of termination, which shall take effect twenty eight (28) days after the giving of the notice.
- 53.4. After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the materials and Plant reasonably delivered to the Site, adjusted by the following:
- (a) any sum to which the Contractor is entitled under **GCC** Clause 28;
  - (b) the cost of his suspension and demobilization;
  - (c) any sum to which the BULACAN STATE UNIVERSITY is entitled.
- 53.5. The net balance due shall be paid or repaid within a reasonable time period from the time of the notice of termination.

## **54. Resolution of Disputes**

- 54.1. If any dispute or difference of any kind whatsoever shall arise between the parties in connection with the implementation of the contract covered by the Act and this IRR, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 54.2. If the Contractor believes that a decision taken by the BULACAN STATE UNIVERSITY's Representative was either outside the authority given to the BULACAN STATE UNIVERSITY's Representative by this Contract or that the decision was wrongly taken, the decision shall be referred to the Arbiter indicated in the **SCC** within fourteen (14) days of the notification of the BULACAN STATE UNIVERSITY's Representative's decision.
- 54.3. Any and all disputes arising from the implementation of this Contract covered by the R.A. 9184 and its IRR shall be submitted to arbitration in the Philippines according to the provisions of Republic Act No. 876, otherwise known as the "Arbitration Law" and Republic Act 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004":

*Provided, however,* That, disputes that are within the competence of the Construction Industry Arbitration Commission to resolve shall be referred thereto. The process of arbitration shall be incorporated as a provision in this Contract that will be executed pursuant to the provisions of the Act and its IRR: *Provided, further,* that, by mutual agreement, the parties may agree in writing to resort to other alternative modes of dispute resolution.

## **55. Suspension of Loan, Credit, Grant, or Appropriation**

In the event that the Funding Source suspends the Loan, Credit, Grant, or Appropriation to the BULACAN STATE UNIVERSITY, from which part of the payments to the Contractor are being made:

- (a) The BULACAN STATE UNIVERSITY is obligated to notify the Contractor of such suspension within seven (7) days of having received the suspension notice.
- (b) If the Contractor has not received sums due it for work already done within forty five (45) days from the time the Contractor's claim for payment has been certified by the BULACAN STATE UNIVERSITY's Representative, the Contractor may immediately issue a suspension of work notice in accordance with **GCC** Clause 45.2.

## **56. Procuring Entity's Representative's Decisions**

- 56.1. Except where otherwise specifically stated, the BULACAN STATE UNIVERSITY's Representative will decide contractual matters between the BULACAN STATE UNIVERSITY and the Contractor in the role representing the BULACAN STATE UNIVERSITY.
- 56.2. The BULACAN STATE UNIVERSITY's Representative may delegate any of his duties and responsibilities to other people, except to the Arbiter, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

## **57. Approval of Drawings and Temporary Works by the Procuring Entity's Representative**

- 57.1. All Drawings prepared by the Contractor for the execution of the Temporary Works, are subject to prior approval by the BULACAN STATE UNIVERSITY's Representative before its use.
- 57.2. The Contractor shall be responsible for design of Temporary Works.
- 57.3. The BULACAN STATE UNIVERSITY's Representative's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

57.4. The Contractor shall obtain approval of third parties to the design of the Temporary Works, when required by the BULACAN STATE UNIVERSITY.

## **58. Acceleration and Delays Ordered by the Procuring Entity's Representative**

58.1. When the BULACAN STATE UNIVERSITY wants the Contractor to finish before the Intended Completion Date, the BULACAN STATE UNIVERSITY's Representative will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the BULACAN STATE UNIVERSITY accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the BULACAN STATE UNIVERSITY and the Contractor.

58.2. If the Contractor's Financial Proposals for an acceleration are accepted by the BULACAN STATE UNIVERSITY, they are incorporated in the Contract Price and treated as a Variation.

## **59. Extension of the Intended Completion Date**

59.1. The BULACAN STATE UNIVERSITY's Representative shall extend the Intended Completion Date if a Variation is issued which makes it impossible for the Intended Completion Date to be achieved by the Contractor without taking steps to accelerate the remaining work, which would cause the Contractor to incur additional costs. No payment shall be made for any event which may warrant the extension of the Intended Completion Date.

59.2. The BULACAN STATE UNIVERSITY's Representative shall decide whether and by how much to extend the Intended Completion Date within twenty one (21) days of the Contractor asking the BULACAN STATE UNIVERSITY's Representative for a decision thereto after fully submitting all supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

## **60. Right to Vary**

60.1. The BULACAN STATE UNIVERSITY's Representative with the prior approval of the BULACAN STATE UNIVERSITY may instruct Variations, up to a maximum cumulative amount of ten percent (10%) of the original contract cost.

60.2. Variations shall be valued as follows:

- (a) At a lump sum price agreed between the parties;
- (b) where appropriate, at rates in this Contract;

- (c) in the absence of appropriate rates, the rates in this Contract shall be used as the basis for valuation; or failing which
- (d) at appropriate new rates, equal to or lower than current industry rates and to be agreed upon by both parties and approved by the Head of the BULACAN STATE UNIVERSITY.

## **61. Contractor's Right to Claim**

If the Contractor incurs cost as a result of any of the events under **GCC** Clause 13, the Contractor shall be entitled to the amount of such cost. If as a result of any of the said events, it is necessary to change the Works, this shall be dealt with as a Variation.

## **62. Dayworks**

- 62.1. Subject to **GCC** Clause 43 on Variation Order, 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 BULACAN STATE UNIVERSITY's Representative has given written instructions in advance for additional work to be paid for in that way.
- 62.2. All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the BULACAN STATE UNIVERSITY's Representative. Each completed form shall be verified and signed by the BULACAN STATE UNIVERSITY's Representative within two days of the work being done.
- 62.3. The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

## **63. Early Warning**

- 63.1. The Contractor shall warn the BULACAN STATE UNIVERSITY's Representative at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The BULACAN STATE UNIVERSITY's Representative may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 63.2. The Contractor shall cooperate with the BULACAN STATE UNIVERSITY's Representative in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the BULACAN STATE UNIVERSITY's Representative.

## **64. Program of Work**

- 64.1. Within the time stated in the **SCC**, the Contractor shall submit to the BULACAN STATE UNIVERSITY's Representative for approval a Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works.
- 64.2. An update of the Program of Work shall show the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 64.3. The Contractor shall submit to the BULACAN STATE UNIVERSITY'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 BULACAN STATE UNIVERSITY'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.
- 64.4. The BULACAN STATE UNIVERSITY's Representative's approval of the Program of Work shall not alter the Contractor's obligations. The Contractor may revise the Program of Work and submit it to the BULACAN STATE UNIVERSITY's Representative again at any time. A revised Program of Work shall show the effect of any approved Variations.
- 64.5. When the Program of Work is updated, the Contractor shall provide the BULACAN STATE UNIVERSITY's Representative with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.
- 64.6. All Variations shall be included in updated Program of Work produced by the Contractor.

## **65. Management Conferences**

- 65.1. Either the BULACAN STATE UNIVERSITY's Representative or the Contractor may require the other to attend a Management Conference. The Management Conference shall review the plans for remaining work and deal with matters raised in accordance with the early warning procedure.
- 65.2. The BULACAN STATE UNIVERSITY's Representative shall record the business of Management Conferences and provide copies of the record to those attending the Conference and to the BULACAN STATE UNIVERSITY. The responsibility of the parties for actions to be taken shall be decided by the BULACAN STATE UNIVERSITY's Representative either at the Management Conference or after the Management Conference and stated in writing to all who attended the Conference.

## **66. Bill of Quantities**

- 66.1. The Bill of Quantities shall contain items of work for the construction, installation, testing, and commissioning of work to be done by the Contractor.
- 66.2. The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 66.3. If the final quantity of any work done differs from the quantity in the Bill of Quantities for the particular item and is not more than twenty five percent (25%) of the original quantity, provided the aggregate changes for all items do not exceed ten percent (10%) of the Contract price, the BULACAN STATE UNIVERSITY's Representative shall make the necessary adjustments to allow for the changes subject to applicable laws, rules, and regulations.
- 66.4. If requested by the BULACAN STATE UNIVERSITY's Representative, the Contractor shall provide the BULACAN STATE UNIVERSITY's Representative with a detailed cost breakdown of any rate in the Bill of Quantities.

## **67. Instructions, Inspections and Audits**

- 67.1. The BULACAN STATE UNIVERSITY's personnel shall at all reasonable times during construction of the Work be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the construction.
- 67.2. If the BULACAN STATE UNIVERSITY's Representative instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no defect, the test shall be a Compensation Event.
- 67.3. The Contractor shall permit the Funding Source named in the **SCC** to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

## **68. Identifying Defects**

The BULACAN STATE UNIVERSITY's Representative shall check the Contractor's work and notify the Contractor of any defects that are found. Such checking shall not affect the Contractor's responsibilities. The BULACAN STATE UNIVERSITY's Representative may instruct the Contractor to search uncover defects and test any work that the BULACAN STATE UNIVERSITY's Representative considers below standards and defective.



## **69. Cost of Repairs**

Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Liability Periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

## **70. Correction of Defects**

- 70.1. The BULACAN STATE UNIVERSITY's Representative shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which is One (1) year from project completion up to final acceptance by the BULACAN STATE UNIVERSITY's Representative.
- 70.2. Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified in the BULACAN STATE UNIVERSITY's Representative's notice.
- 70.3. The Contractor shall correct the defects which he notices himself before the end of the Defects Liability Period.
- 70.4. The BULACAN STATE UNIVERSITY shall certify that all defects have been corrected. If the BULACAN STATE UNIVERSITY considers that correction of a defect is not essential, he can request the Contractor to submit a quotation for the corresponding reduction in the Contract Price. If the BULACAN STATE UNIVERSITY accepts the quotation, the corresponding change in the SCC is a Variation.

## **71. Uncorrected Defects**

- 71.1. The BULACAN STATE UNIVERSITY shall give the Contractor at least fourteen (14) days notice of his intention to use a third party to correct a Defect. If the Contractor does not correct the Defect himself within the period, the BULACAN STATE UNIVERSITY may have the Defect corrected by the third party. The cost of the correction will be deducted from the Contract Price.
- 71.2. The use of a third party to correct defects that are uncorrected by the Contractor will in no way relieve the Contractor of its liabilities and warranties under the Contract.

## **72. Advance Payment**

- 72.1. The BULACAN STATE UNIVERSITY 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**.

- 72.2. The advance payment shall be made only upon the submission to and acceptance by the BULACAN STATE UNIVERSITY of an irrevocable standby letter of credit of equivalent value from a commercial bank, a bank guarantee or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and confirmed by the BULACAN STATE UNIVERSITY.
- 72.3. The advance payment shall be repaid by the Contractor by an amount equal to the percentage of the total contract price used for the advance payment.
- 72.4. The contractor may reduce his standby letter of credit or guarantee instrument by the amounts refunded by the Monthly Certificates in the advance payment.
- 72.5. The BULACAN STATE UNIVERSITY will provide an Advance Payment on the Contract Price as stipulated in the Conditions of Contract, subject to the maximum amount stated in **SCC** Clause 39.1.

### **73. Progress Payments**

- 73.1. The Contractor may submit a request for payment for Work accomplished. Such request for payment shall be verified and certified by the BULACAN STATE UNIVERSITY'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.
- 73.2. The BULACAN STATE UNIVERSITY shall deduct the following from the certified gross amounts to be paid to the contractor as progress payment:
  - (a) Cumulative value of the work previously certified and paid for.
  - (b) Portion of the advance payment to be recouped for the month.
  - (c) Retention money in accordance with the condition of contract.
  - (d) Amount to cover third party liabilities.
  - (e) Amount to cover uncorrected discovered defects in the works.
- 73.3. Payments shall be adjusted by deducting therefrom the amounts for advance payments and retention. The BULACAN STATE UNIVERSITY shall pay the Contractor the amounts certified by the BULACAN STATE UNIVERSITY's Representative within twenty eight (28) days from the date each certificate was issued. No payment of interest for delayed payments and adjustments shall be made by the BULACAN STATE UNIVERSITY.
- 73.4. The first progress payment may be paid by the BULACAN STATE UNIVERSITY to the Contractor provided that at least twenty percent

(20%) of the work has been accomplished as certified by the BULACAN STATE UNIVERSITY's Representative.

- 73.5. Items of the Works for which a price of "0" (zero) has been entered will not be paid for by the BULACAN STATE UNIVERSITY and shall be deemed covered by other rates and prices in the Contract.

#### **74. Payment Certificates**

- 74.1. The Contractor shall submit to the BULACAN STATE UNIVERSITY's Representative monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 74.2. The BULACAN STATE UNIVERSITY's Representative shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 74.3. The value of Work executed shall:
- (a) be determined by the BULACAN STATE UNIVERSITY's Representative;
  - (b) comprise the value of the quantities of the items in the Bill of Quantities completed; and
  - (c) include the valuations of approved variations.
- 74.4. The BULACAN STATE UNIVERSITY's Representative may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

#### **75. Retention**

- 75.1. The BULACAN STATE UNIVERSITY shall retain from each payment due to the Contractor an amount equal to a percentage thereof using the rate as specified in GCC Sub-Clause 75.2.
- 75.2. Progress payments are subject to retention of ten percent (10%), referred to as the "retention money." Such retention shall be based on the total amount due to the Contractor prior to any deduction and shall be retained from every progress payment until fifty percent (50%) of the value of Works, as determined by the BULACAN STATE UNIVERSITY, are completed. If, after fifty percent (50%) completion, the Work is satisfactorily done and on schedule, no additional retention shall be made; otherwise, the ten percent (10%) retention shall again be imposed using the rate specified therefor.
- 75.3. The total "retention money" shall be due for release upon final acceptance of the Works. The Contractor may, however, request the substitution of the retention money for each progress billing with

irrevocable standby letters of credit from a commercial bank, bank guarantees or surety bonds callable on demand, of amounts equivalent to the retention money substituted for and acceptable to the BULACAN STATE UNIVERSITY, provided that the project is on schedule and is satisfactorily undertaken. Otherwise, the ten (10%) percent retention shall be made. Said irrevocable standby letters of credit, bank guarantees and/or surety bonds, to be posted in favor of the Government shall be valid for a duration to be determined by the concerned implementing office/agency or BULACAN STATE UNIVERSITY and will answer for the purpose for which the ten (10%) percent retention is intended, *i.e.*, to cover uncorrected discovered defects and third party liabilities.

- 75.4. On completion of the whole Works, the Contractor may substitute retention money with an “on demand” Bank guarantee in a form acceptable to the BULACAN STATE UNIVERSITY.

## **76. Variation Orders**

- 76.1. Variation Orders may be issued by the BULACAN STATE UNIVERSITY to cover any increase/decrease in quantities, including the introduction of new work items that are not included in the original contract or reclassification of work items that are either due to change of plans, design or alignment to suit actual field conditions resulting in disparity between the preconstruction plans used for purposes of bidding and the “as staked plans” or construction drawings prepared after a joint survey by the Contractor and the BULACAN STATE UNIVERSITY after award of the contract, provided that the cumulative amount of the Variation Order does not exceed ten percent (10%) of the original project cost. The addition/deletion of Works should be within the general scope of the project as bid and awarded. The scope of works shall not be reduced so as to accommodate a positive Variation Order. A Variation Order may either be in the form of a Change Order or Extra Work Order.
- 76.2. A Change Order may be issued by the BULACAN STATE UNIVERSITY to cover any increase/decrease in quantities of original Work items in the contract.
- 76.3. An Extra Work Order may be issued by the BULACAN STATE UNIVERSITY to cover the introduction of new work necessary for the completion, improvement or protection of the project which were not included as items of Work in the original contract, such as, where there are subsurface or latent physical conditions at the site differing materially from those indicated in the contract, or where there are duly unknown physical conditions at the site of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the Work or character provided for in the contract.
- 76.4. Any cumulative Variation Order beyond ten percent (10%) shall be subject of another contract to be bid out if the works are separable from

the original contract. In exceptional cases where it is urgently necessary to complete the original scope of work, the Head of the BULACAN STATE UNIVERSITY may authorize a positive Variation Order go beyond ten percent (10%) but not more than twenty percent (20%) of the original contract price, subject to the guidelines to be determined by the GPPB: *Provided, however,* That appropriate sanctions shall be imposed on the designer, consultant or official responsible for the original detailed engineering design which failed to consider the Variation Order beyond ten percent (10%).

76.5. In claiming for any Variation Order, the Contractor shall, within seven (7) calendar days after such work has been commenced or after the circumstances leading to such condition(s) leading to the extra cost, and within twenty-eight (28) calendar days deliver a written communication giving full and detailed particulars of any extra cost in order that it may be investigated at that time. Failure to provide either of such notices in the time stipulated shall constitute a waiver by the contractor for any claim. The preparation and submission of Variation Orders are as follows:

- (a) If the BULACAN STATE UNIVERSITY's representative/Project Engineer believes that a Change Order or Extra Work Order should be issued, he shall prepare the proposed Order accompanied with the notices submitted by the Contractor, the plans therefore, his computations as to the quantities of the additional works involved per item indicating the specific stations where such works are needed, the date of his inspections and investigations thereon, and the log book thereof, and a detailed estimate of the unit cost of such items of work, together with his justifications for the need of such Change Order or Extra Work Order, and shall submit the same to the Head of the BULACAN STATE UNIVERSITY for approval.
- (b) The Head of the BULACAN STATE UNIVERSITY or his duly authorized representative, upon receipt of the proposed Change Order or Extra Work Order shall immediately instruct the appropriate technical staff or office of the BULACAN STATE UNIVERSITY to conduct an on-the-spot investigation to verify the need for the Work to be prosecuted and to review the proposed plan, and prices of the work involved.
- (c) The technical staff or appropriate office of the BULACAN STATE UNIVERSITY shall submit a report of their findings and recommendations, together with the supporting documents, to the Head of the BULACAN STATE UNIVERSITY or his duly authorized representative for consideration.
- (d) The Head of the BULACAN STATE UNIVERSITY or his duly authorized representative, acting upon the recommendation of the technical staff or appropriate office, shall approve the

Change Order or Extra Work Order after being satisfied that the same is justified, necessary, and in order.

- (e) The timeframe for the processing of Variation Orders from the preparation up to the approval by the BULACAN STATE UNIVERSITY concerned shall not exceed thirty (30) calendar days.

## **77. Contract Completion**

Once the project reaches an accomplishment of ninety five (95%) of the total contract amount, the BULACAN STATE UNIVERSITY may create an inspectorate team to make preliminary inspection and submit a punch-list to the Contractor in preparation for the final turnover of the project. Said punch-list will contain, among others, the remaining Works, Work deficiencies for necessary corrections, and the specific duration/time to fully complete the project considering the approved remaining contract time. This, however, shall not preclude the claim of the BULACAN STATE UNIVERSITY for liquidated damages.

## **78. Suspension of Work**

- 78.1. The BULACAN STATE UNIVERSITY shall have the authority to suspend the work wholly or partly by written order for such period as may be deemed necessary, due to *force majeure* or any fortuitous events or for failure on the part of the Contractor to correct bad conditions which are unsafe for workers or for the general public, to carry out valid orders given by the BULACAN STATE UNIVERSITY or to perform any provisions of the contract, or due to adjustment of plans to suit field conditions as found necessary during construction. The Contractor shall immediately comply with such order to suspend the work wholly or partly.
- 78.2. The Contractor or its duly authorized representative shall have the right to suspend work operation on any or all projects/activities along the critical path of activities after fifteen (15) calendar days from date of receipt of written notice from the Contractor to the district engineer/regional director/consultant or equivalent official, as the case may be, due to the following:
  - (a) There exist right-of-way problems which prohibit the Contractor from performing work in accordance with the approved construction schedule.
  - (b) Requisite construction plans which must be owner-furnished are not issued to the contractor precluding any work called for by such plans.
  - (c) Peace and order conditions make it extremely dangerous, if not possible, to work. However, this condition must be certified in writing by the Philippine National Police (PNP) station which has

responsibility over the affected area and confirmed by the Department of Interior and Local Government (DILG) Regional Director.

- (d) There is failure on the part of the BULACAN STATE UNIVERSITY to deliver government-furnished materials and equipment as stipulated in the contract.
- (e) Delay in the payment of Contractor's claim for progress billing beyond forty-five (45) calendar days from the time the Contractor's claim has been certified to by the BULACAN STATE UNIVERSITY's authorized representative that the documents are complete unless there are justifiable reasons thereof which shall be communicated in writing to the Contractor.

78.3. In case of total suspension, or suspension of activities along the critical path, which is not due to any fault of the Contractor, the elapsed time between the effectivity of the order suspending operation and the order to resume work shall be allowed the Contractor by adjusting the contract time accordingly.

## **79. Payment on Termination**

- 79.1. If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the BULACAN STATE UNIVERSITY's Representative shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the BULACAN STATE UNIVERSITY exceeds any payment due to the Contractor, the difference shall be a debt payable to the BULACAN STATE UNIVERSITY.
- 79.2. If the Contract is terminated for the BULACAN STATE UNIVERSITY's convenience or because of a fundamental breach of Contract by the BULACAN STATE UNIVERSITY, the BULACAN STATE UNIVERSITY's Representative shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.
- 79.3. The net balance due shall be paid or repaid within twenty eight (28) days from the notice of termination.
- 79.4. If the Contractor has terminated the Contract under **GCC** Clauses 17 or 18, the BULACAN STATE UNIVERSITY shall promptly return the Performance Security to the Contractor.

## **80. Extension of Contract Time**

- 80.1. Should the amount of additional work of any kind or other special circumstances of any kind whatsoever occur such as to fairly entitle the contractor to an extension of contract time, the BULACAN STATE UNIVERSITY shall determine the amount of such extension; provided that the BULACAN STATE UNIVERSITY is not bound to take into account any claim for an extension of time unless the Contractor has, prior to the expiration of the contract time and within thirty (30) calendar days after such work has been commenced or after the circumstances leading to such claim have arisen, delivered to the BULACAN STATE UNIVERSITY notices in order that it could have investigated them at that time. Failure to provide such notice shall constitute a waiver by the Contractor of any claim. Upon receipt of full and detailed particulars, the BULACAN STATE UNIVERSITY shall examine the facts and extent of the delay and shall extend the contract time completing the contract work when, in the BULACAN STATE UNIVERSITY's opinion, the findings of facts justify an extension.
- 80.2. No extension of contract time shall be granted the Contractor due to (a) ordinary unfavorable weather conditions and (b) inexcusable failure or negligence of Contractor to provide the required equipment, supplies or materials.
- 80.3. Extension of contract time may be granted only when the affected activities fall within the critical path of the PERT/CPM network.
- 80.4. No extension of contract time shall be granted when the reason given to support the request for extension was already considered in the determination of the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection.
- 80.5. Extension of contract time shall be granted for rainy/unworkable days considered unfavorable for the prosecution of the works at the site, based on the actual conditions obtained at the site, in excess of the number of rainy/unworkable days pre-determined by the BULACAN STATE UNIVERSITY in relation to the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection, and/or for equivalent period of delay due to major calamities such as exceptionally destructive typhoons, floods and earthquakes, and epidemics, and for causes such as non-delivery on time of materials, working drawings, or written information to be furnished by the BULACAN STATE UNIVERSITY, non-acquisition of permit to enter private properties or non-execution of deed of sale or donation within the right-of-way resulting in complete paralyzation of construction activities, and other meritorious causes as determined by the BULACAN STATE UNIVERSITY's Representative and approved by the Head of the BULACAN STATE UNIVERSITY. Shortage of construction materials, general labor strikes, and peace and order



problems that disrupt construction operations through no fault of the Contractor may be considered as additional grounds for extension of contract time provided they are publicly felt and certified by appropriate government agencies such as DTI, DOLE, DILG, and DND, among others. The written consent of bondsmen must be attached to any request of the Contractor for extension of contract time and submitted to the BULACAN STATE UNIVERSITY for consideration and the validity of the Performance Security shall be correspondingly extended.

## **81. Price Adjustment**

Except for extraordinary circumstances as determined by NEDA and approved by the GPPB, no price escalation shall be allowed. Nevertheless, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GoP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

## **82. Completion**

The Contractor shall request the BULACAN STATE UNIVERSITY's Representative to issue a certificate of Completion of the Works, and the BULACAN STATE UNIVERSITY's Representative will do so upon deciding that the work is completed.

## **83. Taking Over**

The BULACAN STATE UNIVERSITY shall take over the Site and the Works within seven (7) days from the date the BULACAN STATE UNIVERSITY's Representative issues a certificate of Completion.

## **84. Operating and Maintenance Manuals**

- 84.1. If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the **SCC**.
- 84.2. If the Contractor does not supply the Drawings and/or manuals by the dates stated in the **SCC**, or they do not receive the BULACAN STATE UNIVERSITY's Representative's approval, the BULACAN STATE UNIVERSITY's Representative shall withhold the amount stated in the **SCC** from payments due to the Contractor.

## Special Conditions of Contract

GCC Clause											
1.17	<p>The <b>Intended Completion Date</b> is within <b><i>One Hundred Twenty (120) calendar days.</i></b></p> <p><b><i>NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.</i></b></p>										
1.22	The <b>Procuring Entity</b> is <b>BULACAN STATE UNIVERSITY</b> .										
1.23	The <b>Procuring Entity's Representative</b> is <b>DR. CECILIA N. GASCON, University President</b> .										
1.24	The <b>Site</b> is located at <b><i>the Bulacan State University-Main Campus, Guinhawa, City of Malolos, Bulacan</i></b>										
1.28	<p>The <b>Start Date</b> is <b><i>Within ten (10) calendar days from receipt of Notice to Proceed (NTP).</i></b></p> <p><b><i>NOTE: The start date shall be the date of receipt of the Notice to Proceed.</i></b></p>										
1.31	The <b>Works</b> must conform with the Project Construction Specifications, Plans/ Drawings, and Program of Works										
35.2	<i>If different dates are specified for completion of the Works by section ("sectional completion"), these dates should be listed here</i>										
38.1	The BULACAN STATE UNIVERSITY shall give possession of all parts of the Site to the Contractor <b>from receipt of Notice to Proceed</b> .										
39.5	<p>The Contractor shall employ the following <b>Key Personnel</b>:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Key Personnel</th><th>Support Personnel</th></tr> </thead> <tbody> <tr> <td>1.Project Manager</td><td>1. Foreman/ Site Superintendent</td></tr> <tr> <td>2.Project-in-charge</td><td>2. Heavy Equipment Operators</td></tr> <tr> <td>3.Office Engineer</td><td>3. Service Vehicle Driver</td></tr> <tr> <td>4.Admin Officer</td><td>4. Buyer</td></tr> </tbody> </table>	Key Personnel	Support Personnel	1.Project Manager	1. Foreman/ Site Superintendent	2.Project-in-charge	2. Heavy Equipment Operators	3.Office Engineer	3. Service Vehicle Driver	4.Admin Officer	4. Buyer
Key Personnel	Support Personnel										
1.Project Manager	1. Foreman/ Site Superintendent										
2.Project-in-charge	2. Heavy Equipment Operators										
3.Office Engineer	3. Service Vehicle Driver										
4.Admin Officer	4. Buyer										

		5.Surveyor	5. Warehouseman
		6.Safety Officer	6. Timekeeper
		7.Quality Assurance Officer	7. Carpenter
		8.Materials Engineer	8. Mason
		-----	9. Steelman
		-----	10. Electrician
		-----	11. Welder/ Fabricator
		-----	12. Helper/ Laborer
40.4(c)	No further instructions.		
40.7	No further instructions.		
41.1	No further instructions.		
43	<b>Site Inspection Certificate.</b>		
45.3	No further instructions.		
45.5	<i>In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years.</i>  <i>In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures: Five (5) years.</i>  <i>In case of other structures, such as Bailey and wooden bridges, shallow wells, spring developments, and other similar structures: Two (2) years.</i>		
46	<i>If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the BULACAN STATE UNIVERSITY.</i>		
18.3(h)(i)	No further instructions.		
54.2	No further instructions.		
62.1	No further instructions.		
64.1	The Contractor shall submit the Program of Work to the <b>Project Management Office of the Bulacan State University</b> within __days of delivery of the Notice of Award.		

	The Contractor shall submit the Program of Work to the <b>Project Management Office of the Bulacan State University</b> within <b>ten (10) calendar days</b> of delivery of the Letter of Acceptance
64.3	<p>The period between Program of Work updates is ____ days.</p> <p>The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i>.</p> <p>No further instructions.</p>
67.3	The Funding Source is the <i>Government of the Philippines</i> .
72.1	The amount of the <b>advance payment is not more than 15% of the Contract Price</b> .
73.1	Materials and equipment delivered on the site but not completely put in place shall be included for payment.
84.1	<p>The date by which operating and maintenance manuals are required is <i>[date]</i>.</p> <p>The date by which “as built” drawings are required is <i>[date]</i>.</p> <p>The date by which surveyed location plan is required <b>within ten (10) calendar days after project completion</b>.</p>
84.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is <b>ten percent (10%) of the contract price</b> .

# CONSTRUCTION SPECIFICATIONS

PROJECT TITLE	PROPOSED FIVE-STOREY ENGINEERING BUILDING PHASE 1
LOCATION	Bulacan State University Main Campus
OWNER	Bulacan State University

Prepared by:

**MA. VICTORIA V. UMALI**  
Civil Engineer, PMO

Submitted by:

**AR. MA. SATURNINA C. PARUNGAO, fuap**  
Director, PMO

Approved by:

**CECILIA N. GASCON, Ph. D.**  
University President

Conforme:

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CONTRACTOR

## TABLE OF CONTENTS

Description	Page
<b>1.0 GENERAL</b> .....	3
1.1 Works in accordance with Specifications .....	3
1.2 Setting Out .....	4
1.3 Tolerances .....	5
1.4 Person in Charge .....	5
1.5 Piling Equipment and Accessories .....	5
1.6 Sequence of Installation of Working Piles .....	5
1.7 Forcible Correction Not Permitted .....	5
1.8 Rejected Piles .....	5
1.9 Records .....	6
<b>2.0 BORED CAST IN-PLACE PILES</b> .....	6
2.1 General .....	6
2.2 Tolerances .....	6
2.3 Concrete .....	6
2.4 Pile Excavation .....	7
2.5 Placement of Reinforcement .....	10
2.6 Concreting in Wet Hole .....	11
2.7 Stripping Pile Heads and Bonding .....	12
2.8 Drilling Fluid and Soil Tests .....	13
2.9 Dry Hole Construction (If directed by the Engineer Only) .....	13
2.10 Pile Acceptance Criteria .....	14
2.11 Casting Level .....	14
2.12 Defective Concrete .....	14
2.13 Piling Records .....	14
2.14 Treatment of Cavities and Slump Zones .....	15
<b>3.0 INTEGRITY TESTING OF PILES</b> .....	15
3.1 General .....	15
3.2 Shock Method .....	15
3.3 Sonic Logging Method .....	16
3.4 Proof Coring of Pile Shafts .....	17

## **1.0 GENERAL**

### **1.1 Works in accordance with Specifications**

- a) **SCOPE OF WORK.** The work covered under this Contract is for the construction of the PROPOSED FIVE-STOREY ENGINEERING BUILDING PHASE 1 – BORED PILING WORKS – Main Campus, City of Malolos, Bulacan. It consists of the furnishing all materials, labor, equipment, transportation, incidentals, facilities, and superintendence necessary to complete the project in accordance with true intent of these Specifications and Contract Drawings.
- b) **PLANS AND SPECIFICATIONS.** The Contractor shall be responsible for carefully examining, comparing and verifying the data furnished by the Plans and Specifications. In case of obscurity or discrepancy in the Plans and Specifications, the Contractor shall submit the matter to the Project Management Office of the Bulacan State University for the proper explanation or necessary correction, before any adjustment shall be made. Any adjustment by the Contractor without such determination shall be at his risk and expense.

Omitted or wrongly described details of work, which are manifestly necessary to carry out the true intent of the drawings and specifications, shall be performed as if fully and correctly set forth and described in the drawings and specifications.

The Owner may, from time to time, make changes in the specifications and construction drawings. However, if the cost to the Contractor shall be materially increased by such change, the Owner shall pay the Contractor for the reasonable cost in accordance with the changes.

- c) **LAWS TO BE OBSERVED.** The contractor shall comply with National Building Code of the Philippines, National Structural Code of the Philippines, Fire Code of the Philippines, Plumbing Code of the Philippines as well as Local Rules and Regulations of the City of Malolos, Bulacan. This includes safety practices especially during construction process. The Contractor or those engaged thereon shall obtain all necessary licenses and permits and pay all taxes or fees, which may due to the local and/or National Government in connection with the prosecution of the work. He shall also be responsible for all damages to persons or property that may occur.
- d) **MATERIALS.** Unless otherwise specified, all materials shall be new and free from defects and imperfections. The quality of materials shall be of the best grade of their respective kinds for the purpose. The work shall be performed in the best and most acceptable manner in strict accordance with the requirements of the Plans and Specifications. Preference will be given to articles or materials that are locally manufactured, conditions of quality and price being equal.
- e) **SAMPLES AND INFORMATION ON MATERIALS.** When required by the Specifications, or when called for by the Architect-In-Charge/Engineer-In-Charge, the Contractor shall furnish, for approval, full Information and satisfactory evidence as to the kind and quality of materials or articles he will incorporate in the work. The Contractor shall furnish, for Architect-In-Charge/Engineer-In-Charge and Owner's approval, all samples when so directed. The work shall be in accordance with approved samples. Materials and articles installed or used without such approval shall be at the risk of subsequent rejection.

Any failure on the part of the Contractor to conform or use materials that are not specified herein shall be under subsequent rejection. Any alteration or revision of material usage without approval from the Architect-In-Charge/Engineer-In-Charge shall make the Contractor responsible and liable in terms of guarantee, workmanship and defects.

- f) **WORKMANSHIP.** Workmanship shall be in accordance with the best standard practices and all operations required under any and all parts of the Specifications shall be undertaken in a neat, workmanlike manner. Only skilled personnel with sufficient experience in similar operations shall be allowed to undertake the same.

Any alteration or revision on the execution of Drawings without approval from the Architect-In-Charge/Engineer-In-Charge shall be under subsequent rejection and shall make the Contractor responsible and liable for any workmanship and execution defects.

Defective workmanship shall be remedied by the Contractor, at his expense. He shall not be entitled to any payment hereunder until defective workmanship has been remedied.

- g) **TEMPORARY FACILITIES.** The Contractor shall furnish all temporary lights and power and shall pay all expenses in connection therewith. Furthermore, the Contractor shall provide and pay for all water expenses for building purposes that are required by all trades. He shall remove all connections and appliances connected there with prior to the completion of the Contract and leave the premises perfectly clean.
- h) **PROTECTION OF WORK AND OWNER'S PROPERTY.** The Contractor shall put up safety measures and continuously maintain adequate protection of all his work from damage and shall protect the Owners property, as well as all materials furnished and delivered to him by the Owner. He shall make good any such damage, injury or loss, except such as may be caused by agents or employees of the Owner, or due to causes considered as an Act of God.
- i) **AUTHORIZED REPRESENTATIVE.** Whenever the Contractor is not at the site, orders may be given by the Owner to his authorized representative and shall be accepted and complied to by the Site Architect/Site Engineer of the Contractor.
- j) **INSPECTION OF WORK.** The Site Architect/Site Engineer or Owner shall, at all times, have access to the work whenever it is in preparation or progress and the Contractor shall provide facilities for such access for inspection. The manner of work and all materials and equipment used therein shall be subject to inspection, tests, and approval of the Owner.
- k) **CONSTANT SUPERVISION.** The Contractor shall ensure that the project will have constant supervision by Site Architect/Site Engineer, who shall be present where construction is being carried on at all times during the working hours. Existing condition of the work site shall be documented and photos shall be taken before commencement of the work to ensure such status, any damages on the areas due to on-going work shall be refurbished at the Contractor's expense.
- l) **DISPUTES.** The Architect-In-Charge/Engineer-In-Charge shall, within a reasonable time, make decision on all claims of the Owner or Contractor and on all matters relating to the execution and progress of the work or the interpretation of the Contract Documents.

Except as otherwise specifically provided in this Contract, all disputes concerning questions of fact arising under this contract shall be decided by the Architect-In-Charge/Engineer-In-Charge, whose decisions shall be final and conclusive upon the parties as to questions of fact.

- m) **AS BUILT PLANS.** Three sets of "As-Built Plans" of the project concerned duly signed and



sealed by the Architect-In-Charge/Engineer-In-Charge of construction should be submitted as a requirement for the final acceptance of the work. It should be properly drawn indicating all the specifications, layouts, tables and necessary data. An initial layout should be submitted on A3 paper for checking and approval of PMO. Final "As-Built plans", both soft and hard copies, three sets on A3 and a CD copy, respectively.

- n) **CLEAN UP.** The Contractor, prior to the turnover of the work to the Owner, shall remove any excess materials, waste, debris, rubbish, and all construction and installation equipment and tools from the premises before the final acceptance of the work.

## **1.2 Setting Out**

The Contractor shall be required to employ an approved Licensed Surveyor who will set up the positions of the piles as shown in the pile layout plans of the detailed design. The Contractor will be responsible for the accuracy of location and positioning of each pile. Any errors in setting out and any consequential loss to the Employer will be made good by the Contractor to the satisfaction of the Engineer.

The Contractor shall preserve the pegs set out by the Surveyor. Should any peg be displaced or lost it must be replaced by a Licensed Surveyor to the approval of the Engineer. Upon completion of all piling works, the Contractor shall produce As-Built Drawings showing the positions of all piles as installed. The positions of piles shall be verified by a Licensed Surveyor.

## **1.3 Tolerances**

- (a) **Position**

The pile heads shall be positioned as shown on the Drawings within a maximum deviation approved by the Design Engineer in either direction from its design position.

- (b) **Verticality**

For bored cast-in-situ piles, the Contractor shall comply to the maximum permitted deviation of the finished pile from the vertical at any level. The Contractor shall demonstrate to the satisfaction of Engineer the pile verticality is within the allowable tolerance.

- (c) **Correction**

Should piles be installed outside these tolerances affecting the design of the structure, the Contractor shall propose remedial design and carry out immediate remedial measure to the approval of the Engineer.

## **1.4 Person in Charge**

The piling work is to be carried out by full time operators and supervisory staff who must be experienced in the installation of the proposed type of piles.

The Contractor shall submit to the Engineer for approval, written evidence to show that the persons who will be engaged in the works have had such experience.

## **1.5 Piling Equipment and Accessories**

The equipment and accessories must be capable of safely, speedily and efficiently installing piles to the design requirements at the project site.

Sufficient units of equipment and accessories must be provided to keep to the agreed construction schedule.

## **1.6 Sequence of Installation of Working Piles**

The Engineer reserves the absolute right and the Contractor shall recognize such right to direct the installation of working piles in any sequence the Engineer deems necessary for the satisfactory completion of the works.

## **1.7 Forcible Correction Not Permitted**

Where piles have not been positioned within the specified limits no method of forcible correction will be permitted.

## **1.8 Rejected Piles**

Any piling work rejected by the Engineer not truly constructed and installed in accordance with this Specification shall be replaced or rectified by the Contractor to the approval of the Engineer and this include reinstallation of piles, and the design and construction of a modified foundation and also constructing of additional compensation piles.

## **1.9 Records**

A record of all piles installed shall be kept by the Contractor and a copy of the record of the work done each day shall be given to the Engineer within 24 hours. The form of record shall first be approved by the Engineer before piling works commence. Any comment by the Engineer shall be incorporated into the record form.

All unexpected boring or installation conditions shall be noted in the records.

Two (2) bound sets of collated and certified (by the Contractor's P.E.) piling records of all piles shall be submitted by the Contractor to the Engineer after the completion of the piling works.

## **2.0 BORED CAST IN-PLACE PILES**

### **2.1 General**

The Contractor shall carry out the works in accordance with a method statement which has been approved by the Engineer. This method statement shall include, inter alia, length of temporary casing, details of the constituent materials of any drilling fluid used for stabilization, the method of inspection, details of the concrete design mix, concreting method, the minimum time between the completion of one pile and the commencement of the next, and the pattern of construction.

Unless otherwise described in the Specifications, reinforcement and concrete shall comply with the requirements in Specification on Concrete for Structures. The Contractor shall ensure that damage does not occur to completed piles through his method of working. The Contractor shall submit to the Engineer a pile installation program. The proposed sequence and timing of pile installation shall be such that the installation works shall not cause any damage to adjacent piles. Piling works shall not commence until approval of the Engineer has been obtained. No bored pile excavation shall commence within 8m of any concreted pile which has not been cured for 24 hours.

### **2.2 Tolerances**

Tolerances shall be in accordance with the requirements in Clause 1.3 herein.

### **2.3 Concrete**

(a) Trial Mix

The Contractor shall arrange to have a trial mix in the presence of the Engineer prior to the commencement of field work. The trial mix shall be carried out in accordance to the design mix submitted to the Engineer.

(b) Concrete for Piles

Unless otherwise stated, concrete used shall comply with Specification on Concrete for Structures and as approved by the Engineer. The strength of concrete shall be 35MPa at 28 days. Concrete admixture shall only be used with the permission of the Engineer, and shall be used strictly in accordance with Specification on Concrete for Structures.

The Engineer may permit the use of ready mixed concrete provided complete details of the mix proportions and workability have been submitted to him for prior approval. Such permission shall only be given for as long as the Engineer is satisfied that the concrete complies with Specification on Concrete for Structures. The Contractor shall ensure that the Engineer shall have access to the supplier's mixing plant at all times for inspection and checks on quality of concrete supplied. Each load shall be accompanied by a delivery note stamped with the time of mixing and stating the consignee and quantities of each material in the mix including water and additives.

(c) Concrete Testing

Close control of the mixing of the concrete shall be exercised and cube strength tests shall be carried out in accordance with the standards. Unless the Engineer otherwise directs, a set of at least six - 6" cylinders shall be taken for every 60 cubic meters of concrete used for the piling works or as directed by the Engineer-In-Charge. For the latter, the samples shall be taken randomly selected from the group of batches. Three samples of each set shall be tested at seven days and the remaining two at 28 days after casting. The test cubes shall be made from a representative batch of concrete as that used for the piling works and each cube shall be properly marked and identified with details relating the specimen to the borehole in which the concrete is used.

Test shall be carried out by approved laboratory. Test results shall be submitted to the Engineer within 48 hours after testing.

The Contractor shall not carry out the specified concrete strength tests without prior notice to the Engineer. The tests must be witness by the Engineer or his representative. The contractor shall provide sufficient quantity of all necessary equipment at site to carry out these tests.

(d) Workability

Slump test shall be undertaken for every truck load of concrete. Slump measured at the time of discharge into pile shaft or at the time of discharge into the concrete pump hopper shall be in accordance with the standards shown below unless otherwise approved. A concrete pump shall not be used to place tremie concrete directly into the pile shaft.

**Table 1: Workability of Concrete**

Class of Workability	Slump (mm)	Typical Conditions of Use
A	100 ± 25	Where concrete is to be placed in water-free shaft.
B	175 ± 25	Where concrete is to be placed by tremie method under drilling fluid.

The concrete for piles shall be as specified in the design requirement with suitably enriched cement content to permit a high slump mix. Alternatively, the Contractor may incorporate an approved set retarding additive into the mix to ensure extended workability of the concrete after placement. It is held that the Contractor has included these provisions in the unit rate for the pile.

(e) Failure of Concrete Cylinder Tests

If the concrete cylinder as tested failed to satisfy the criteria as prescribed in Specification, the Contractor shall undertake all necessary additional and consequential remedial/compensatory Work to the approval of the Engineer. The piles shall be rejected as in Clause 1.8 "Rejected Piles".

## **2.4 Pile Excavation**

(a) Pile size and length

The Contractor shall carry out own tests along the proposed wall alignment to determine the bedrock level. Probing of bedrock shall be carried out along the proposed wall line at intervals to be agreed by the Engineer.

(b) Boring near recently Cast Piles

Piles shall not be bored next to other piles which have recently been cast less than 24 hours or contain unset concrete, whichever longer to avoid damage to any of these piles.

(c) Stability of Boreholes

It is held that the Contractor has allowed in the unit rate of the pile for the implementation of all necessary measures, including the provision of all materials, labor and plant, for maintaining the stability of the sides of boreholes during bored pile installation and successful completion of the piles. The Contractor shall submit his proposed methods for agreement prior to commencement of boring operations.

Irrespective of the presence of ground water, the sides of all boreholes shall be kept intact and no loose material shall be permitted to fall into the bottom of the boreholes. The Contractor's boring equipment shall be able to sink a steel casing to support the sides of all boring.

If the sides of boreholes are found to be not stable, temporary steel casing shall be driven into stable stratum. The borehole shall be filled with drilling fluid to a level sufficiently to stabilize the boreholes.

If ground water is found in any hole in sufficient quantity or gushing out as to affect boring operations or excavations and removal of soil from the boreholes, or the sides of boreholes collapse, then a steel casing of appropriate size and length in conjunction with stabilizing fluid or other alternatives of sufficient strength shall be used to support the sides of the borehole and permit boring operations to proceed smoothly and safely. The proposed drilling fluid mix must be submitted to the Engineer for approval.

Excavations shall not be exposed to the atmosphere longer than is necessary and shall be covered at all times when work is not in progress. Pile excavated shall be cast within 24 hours unless otherwise agreed by the Engineer.

In the event of a rapid loss of drilling fluid from the borehole excavation and caused instability of bore, the excavation shall be backfilled without delay or other appropriate and approved

remedial measures taken by the Contractor like installing temporary casing prior to resuming boring at that location.

(d) Stability of bore by temporary casing method

Where the use of a temporary casing is required to maintain the stability of a bore, the bottom of casing shall be kept a minimum of one (1) meter or more below the unstable strata to prevent the inflow of soil and the formation of cavities in the surrounding ground.

Temporary casings shall be thin walled mild steel cylindrical casing, spirally welded or other similar construction. The dimensions and quality of the casing shall be adequate to withstand without damage or distortion all handling, construction and ground stresses to which they will be subjected, including preventing concrete from within the pile from displacing soft soil or soil squeezing in and displacing fresh concrete. The casings shall have an internal diameter not less than the specified pile diameter. They shall be free of significant distortion, of uniform cross-section throughout each continuous length and free from internal projections and encrusted concrete which might prevent the proper formation of piles. The joints of casings shall be reasonably watertight.

If temporary casings are damaged during installation in a manner which prevents the proper formation of the pile, such casings shall be withdrawn from the bore before concrete is placed, repaired if necessary, or other action taken as may be approved to continue the construction of the pile.

(e) Rock Coring

Rock coring shall mean coring of sound bedrock using a coring bucket or approved method. The use of chisel shall not be permitted. Coring of rock other than two items specified below shall not be considered as coring in rock, and will only be considered as boring in soil.

- (i) Rock socket length
- (ii) Cavity roof (in limestone formation)

Coring of inclined rock surface, limestone pinnacles, cavities and soil below boulder/floater shall be considered as boring in soils.

Socket length shall be measured from the flattened horizontal bedrock surface. This flat horizontal surface shall be probed using kelly bar or steel bar at a minimum of five positions over the borehole to confirm sound bedrock for socketing.

(f) Spillage and Disposal

All reasonable steps shall be taken to prevent the spillage of drilling fluid on the site in areas outside the immediate vicinity of boring. Discarded drilling fluid shall be removed from the site without delay. In disposal of unwanted drilling fluid, the Contractor shall comply with relevant government regulations and shall propose a proper disposal method to be approved by the Engineer.

(g) Inspection of Pile Excavation

Where practicable, all pile excavations shall be inspected for their full length before concreting. The Contractor shall provide all the apparatus necessary for the inspection.

Inspection shall be carried out either from the ground level or below ground level at the sole discretion of the Engineer prior to concrete being placed in the borehole. For such inspection to be carried out safely, the Contractor shall provide all facilities and assistance to enable the said inspection to be done. In the course of inspection any loose or soft material in the

borehole which is likely to affect the performance of the pile shall be removed to the satisfaction of the Engineer.

In the case of inspection from ground level, the base of the boring shall be inspected by approved method for wet hole and by means of a light for dry hole to ensure that all loose, disturbed and/or remoulded soil is removed and that the sides of the boring will remain stable during the subsequent concreting operations. The verticality and position of the boring shall be checked to ensure that they meet the specified tolerances.

Inspection below ground level shall be carried out for piles with shafts of 760mm (2'6") diameter and above. For this purpose the Contractor shall, apart from providing other safety measures, also provide the required facilities such as an approved type of a steel safety cage with an air-line, lifting cable and hoist, gas detector, lights, etc. to enable descent into and ascent from the borehole to be carried out safely without any danger to life. In this regard the safety precautions for the Construction and Descent of Machine-Bored Shafts for Piling and Other Purposes" shall generally be followed, unless otherwise directed by the Engineer.

(h) Pumping from Bored Hole

Pumping from boreholes may be carried out from time to time on a number of piles designated by the Engineer to verify the suitability of dry hole construction, or to investigate and rectify a cold joint in a pile shaft where concreting has been interrupted.

No pumping from a borehole shall be permitted unless a casing has been placed into the stable stratum which prevents further ingress of water of significant quantity from other strata into the borehole, or unless it can be shown that pumping will not have a detrimental effect on the surrounding soil or hamper the piling operation in any way.

(i) Cleaning Out

Upon completion of boring the excavation shall be cleaned of all loose, disturbed and or remoulded soil and sediment soil to expose a firm base of undisturbed material using a suitable and effective method to be approved by the Engineer.

(j) Continuity of Construction

A pile constructed in a stable soil without the use of temporary casing or other support shall be bored and concreted without prolonged delay to ensure that the soil characteristics are not significantly altered.

(k) Surface Water

All boreholes shall be protected from the possibility of any surface water entering the hole from time to time and until the hole is completed and ready to be concreted.

(l) Excavation Materials

Surplus earth resulting from piling operations shall be used where required or removed from site as directed by the Engineer.

## 2.5 Placement of Reinforcement

All reinforcing bars shall conform to ASTM A615 (PNS 49) Grade 40 ( $f_y=276$  MPa) for 20mm diameter and smaller bars and Grade 60 ( $f_y = 414$  MPa) for 25mm diameter and larger bars.

In general, the latest edition of ACI-315, Manual of Standard practice detailing reinforced concrete structures shall be adhered to, unless otherwise shown or noted.

Maintain minimum concrete cover for reinforcing steel as follows:

Suspended Slab. . . . .	3/4 in. ( 20 mm.)
Slab on Grade. . . . .	1 1/2 in. ( 40 mm.)
Walls above Grade. . . . .	1 in. ( 25 mm.)
Beam Stirrups and Column Ties. . . . .	1-1/2 in. ( 40 mm.)
Where concrete is exposed to earth but poured against forms. . . . .	2 in. ( 50 mm.)
Where concrete is deposited directly against earth. . . . .	3 in. ( 75 mm.)

Splices shall be securely wired together and shall lap or extend in accordance with Table 1 (Table of Lap Splice and Anchorage Length) unless otherwise shown on drawings, splices shall be staggered whenever possible.

All anchor bolts, dowels, and other inserts, shall be properly positioned and secured in place prior to placing of concrete.

Reinforcement shall be free from rust and mud and not be placed until inspected and accepted.

Reinforcement cages shall be sufficiently rigid to ensure that they remain at their correct level during the lifting and placing of the concrete and the extraction of temporary lining tubes.

Reinforcement shall be maintained in its correct position during concreting of the pile. The minimum cover to all reinforcement shall not be less than 75mm unless stated otherwise.

Concrete spacer shall be provided at every interval, size and minimum yield strength of reinforcement shall be as specified in the Drawing. Details by which the Contractor plans to ensure the correct cover to and position of the reinforcement shall be approved by the Engineer.

The main longitudinal reinforcing bars in piles not exceeding 12 meters in length shall be in one continuous length unless otherwise specified. In piles longer than 12 meters and required to be reinforced throughout their full lengths when specified, joints with staggered laps of alternate bars will be permitted in main longitudinal bars at 12- meter nominal intervals unless otherwise specified in the Drawings. Joints in reinforcement shall comply with the specific requirements.

The Contractor shall submit for approval a method statement on the manner by which he intends to lower reinforcement cages into pile shafts. Where tack welding is carried out on pile reinforcement for the purpose of hoisting, such welding shall be located only within the top 100mm of each reinforcement cage. Where the top of a reinforcement cage being lowered is to be lapped to the next cage, as in the case of tension piles exceeding 12 meters in length, the Contractor shall provide adequate sacrificial steel to compensate any lapped reinforcement which has been tack welded, where such tack welding is the requirement of the Contractor for his hoisting operation. Sacrificial steel shall be of the same grade and size as that of the compensated bar.

If required by the Engineer, reinforcement cages shall be flushed with fresh water to remove accumulated salts or other deposits immediately prior to lowering into the pile shaft.

## **2.6 Concreting in Wet Hole**

Immediately after the boring for the pile has been completed, approval to commence concreting shall be sought and, when this has been obtained, concreting shall start forthwith and continue without interruption. All concrete for cast-in-place piles shall be compacted to produce a dense homogeneous mass by a method agreed by the Engineer.

Concrete to be placed under drilling fluid shall be placed using a tremie concrete pipe in accordance with standards. Where discrepancies arise, the provisions of this specification shall take precedence.

Alternative methods of placing concrete such as the use of a drop bottom bucket or hose from a concrete pump will not be accepted by the Engineer. At no stage concrete be permitted to discharge freely into drilling fluid.

Before placing concrete, agreed measures shall be taken by the Contractor to ensure that there is no accumulation of contaminated drilling fluid, silt or other deleterious material at the base of the bore. Contaminated drilling fluid could impair the free flow of concrete from the tremie pipe and affecting the performance of the pile.

A sample of the drilling fluid shall be taken from the base of bore using an accepted sampling device. If the drilling fluid does not comply with the specification, concrete placement shall not proceed and the Contractor shall modify or replace the drilling fluid to meet the requirements of this specification.

The tremie concrete pipe shall consist of a series of metal pipes with internal diameter not less than 250mm. The receiving hopper shall have a capacity at least equal to that of the pipe it feeds. At all times, a sufficient quantity of concrete shall be maintained within the pipe to ensure that the pressure from concrete exceeds that from the water or drilling fluid.

The hopper and pipe of the tremie shall be clean and watertight throughout. The pipe shall extend to the base of the bore and a sliding plug or barrier placed at the discharge outlet of the pipe to prevent direct contact between the first charge of concrete in the tremie pipe and drilling fluid. If the plug or barrier is sacrificial, it shall not be retained in the mass of the concrete.

The tremie pipe outlet shall be kept at least 1.5 meters below the surface of the concrete at all stages in the pour. The Contractor shall develop a system of level checks for the concrete and pipe outlet to ensure that this requirement is met. The tremie pipe shall be withdrawn upward gently behind the concrete level, and shall not be subject to any shock or violent movement either in dislodging the concrete within the pipe or for any other reason.

Concrete placement shall be halted should a delay or breakdown occur during the concreting operation which in the opinion of the Engineer, could cause a cold joint, entrapment of latency in the tremie concrete, or otherwise lead to defective concrete. Before the remainder of the pile shaft can be concreted, the pile shall be dewatered and the top surface of the tremie concrete cut back to sound concrete and cleaned of all laitance and weak concrete. The remainder of the pile shall either be cast by tremie or in the dry, as directed by the Engineer. If this remedial work cannot be carried out due to construction difficulty, the Contractor will need to construct a replacement pile.

The concrete for each pile shall be from the same source. The Contractor is to ensure that the supply from whatever source (whether site-mixed or ready-mixed) is of sufficient quantity so that concrete for each pile shall be placed without such interruption.

All holes bored shall be concreted within the same day. In the event of rain, the Contractor is to provide adequate shelter to keep the hole dry and to concrete under cover.

The method of placing and the workability of concrete shall be such that a continuous monolithic concrete shaft of the full cross-section is formed. The method of placing shall be approved by the Engineer. The Contractor shall take all precautions in the design of the mix and the placement of concrete to avoid arching of the concrete in the pile shaft. No spoil, liquid or other deleterious matter shall be allowed to contaminate the concrete.

Temporary casings shall be extracted while the concrete within remains sufficiently workable to ensure that the concrete is not lifted and that the resultant pile is continuous and of full section. Temporary casings shall be extracted in not more than 2 hours after concreting has completed.

When casings and linings are withdrawn as concreting proceeds, a sufficient head of concrete shall be maintained to prevent the entry of ground water which may cause reduction of cross-section of the pile. No concrete shall be placed after the bottom of the casing or lining has been lifted above the top



of the concrete. Concrete shall be placed continuously as the casing is extracted until the desired head of concrete is obtained.

Adequate precautions shall be taken in all cases where the withdrawal of casing could result in excess heads of water or drilling fluid. Excess pressure heads are caused by the displacement of water or fluid by concrete as the concrete flows into its final position against the wall of the shaft. Precautions such as the use of two or more discontinuous lengths of casing (double casing) shall be deemed an acceptable method of construction in this case.

In the event of the ground water level being higher than the required pile head cut-off level shown in the contract drawings, the Contractor shall submit his proposals for agreement prior to placing concrete. The pile head shall not be let below the ground water level unless adequate and agreed precautions are taken.

The top of the pile shall be brought above the required cut-off level by an amount sufficient to ensure a sound concrete at cut-off level and the surplus removed to ensure satisfactory bonding of the pile head to the structure.

The actual volume of concrete used for each pile must be measured with the calculated volume required. If the difference between these two volumes indicates a possible necking, the Contractor shall propose and carry out appropriate tests and measures to the approval of the Engineer to ensure the adequacy of the pile.

Backfilling of Empty Bore - On completion of concreting, the remaining empty bore shall be backfilled with sand or lean concrete unless otherwise agreed by the Engineer.

Any consequences causing the pile rejected by the Engineer due to supply of concrete shall be on contractor's own risk.

## **2.7 Stripping Pile Heads and Bonding**

The piles shall be constructed to a sufficient height above the required cut-off levels ('overcast') to ensure that all concrete at and below cut-off level is homogeneous and free of laitance and deleterious matter. The Contractor shall be required to provide adequate reinforcement with sufficient length to project above cut-off levels so that the reinforcement can be properly bonded in the capping beam. After completion of piling, the Contractor shall excavate and cut back the piles as necessary to verify the cut-off levels and to give accurate details of the pile positions as compared with the positions indicated on the pile layout plans of the detailed design. Defective concrete in pile heads shall be cut away and made good with new concrete well bonded to the pile head. If the pile is undercast, it shall be built-up with new concrete and a permanent casing.

## **2.8 Drilling Fluid and Soil Tests**

Minimum frequency of testing are as follows:

- 1) Fresh drilling fluid
- 2) Drilling fluid taken from the bottom of the pile before concreting
- 3) Recycle drilling fluid taken from desanding machine
- 4) Drilling fluid left in the bored hole for more than 12 hours

The frequency of testing drilling fluid and the method and procedure of sampling shall be proposed by the Contractor and agreed by the Engineer before the commencement of the work. The frequency may subsequently be varied with the approval of the Engineer. Control tests for density shall be carried out daily on the drilling fluid using suitable apparatus. The measuring device shall be calibrated to read within 0.01 g/ml. The results shall be within the ranges stated in Table 2.

All reasonable steps shall be taken to prevent the spillage of drilling fluid on the site. Discarded drilling fluid shall be removed from the site without delay and such removal shall comply with the regulations of the relevant Authorities.

If sand content more than 5%, Contractor shall carry out desanding to screen out sand from drilling fluid before concreting.

**TABLE 2: TESTS FOR BENTONITE DRILLING FLUIDS**

Property to be measured	Compliance values measured at 20°C	Test Method/Apparatus
Density	Less than 1.10g/ml	Mud Density Balance
Fluid Loss	Less than 40ml	30 minutes test
Viscosity	30-90 seconds or less than 20cP	Marsh Cone method Fann Viscometer
Shear Strength (10 minutes gel strength)	1.4 - 10N/m <sup>2</sup> or 4 - 40N/m <sup>2</sup>	Shearometer Fann Viscometer
Sand Content	Less than 5%	Screen
pH	9.5 – 12	pH indicator paper Strips or electrical pH meter

Note : Where the Fann Viscometer is used, the fluid sample should be screened by 300 sieve before testing.

Tests for drilling fluid other than bentonite have to be approved before use.

## **2.9 Dry Hole Construction (If directed by the Engineer Only)**

For the purpose of the tender, the boreholes for pile construction shall be assumed to be wet holes, where the tremie method of concreting shall be adopted.

However, during pile installation as directed by the Engineer, the Contractor shall be required to determine for a number of designated piles whether dry hole construction could be implemented. The accepted method for dry hole verification shall be to pump out all water in the hole, and observe the rate of water intrusion and to be decided by the Engineer.

Whenever practicable, concrete for bored piles may be placed into a clean, dry hole. All dry holes shall be inspected and approved by the Engineer prior to placing of concrete. All facilities, labor and material required for the inspection shall be provided by the Contractor.

Agreed measures shall be taken to avoid segregation and bleeding, and that the concrete at the bottom of the pile is not deficient in grout. The concrete shall be placed by tremie. The free fall of the concrete from the bottom of the tube shall not exceed 1.5 times the diameter of the pile. The concrete shall be placed as quickly as possible where the ground is liable to deteriorate on exposure.

## **2.10 Pile Acceptance Criteria**

The target termination depth, required socket length, concrete strength and the required working pile capacities are as shown in the drawings. The actual termination depths and socket lengths shall be agreed with the Engineer based on review of the conditions encountered during boring and prior to commencement of concreting. Piles shall meet tolerance requirements as specified in Clause 1.3 and satisfying integrity tests as specified in Clause 3.0.

### **2.11 Casting Level**

Concrete shall be finished not less than 300mm above the cut-off level ('overcast') to ensure that all concrete at and below cut-off level is homogeneous and free of laitance and deleterious matter. A thicker overcast may be required by the Engineer depending on site condition, and this shall be carried out. The overcast shall be chipped-off to cut-off level later by the Contractor.

### **2.12 Defective Concrete**

Defective concrete in the pile heads shall be cut away and made good with new concrete well bonded into the old concrete.

### **2.13 Piling Records**

Submission of the record shall be in accordance with Clause 1.9 herein.

The record shall contain all information required by the Engineer including the following:

- (1) Name of Supervisor
- (2) Pile forming equipment including Rig No.
- (3) Length, diameter and reference number of the borehole
- (4) Existing ground level
- (5) Cut-off level, rock level, pile toe level
- (6) Length of pile
- (7) Log of material encountered and level of change in strata and where boring stops
- (8) Speed of boring through soil or rock shall be recorded for every meter of drilling
- (9) Depth bored and details of inclination or displacement of the pile during boring and date of inspection
- (10) Length of reinforcement cage, reinforcement details
- (11) Water table below ground level
- (12) Levels where seepage occurs
- (13) Results of tests on soils
- (14) Results of tests on concrete cubes (slump test)
- (15) Length of temporary casing if used
- (16) Date and actual volume of concrete placed in piles, time start and complete
- (17) Concrete level after each truck of concrete
- (18) Details of all inspections
- (19) Details of all obstructions, delays and other interruption
- (20) Signature of the Resident Engineer or his representative
- (21) Weather condition
- (22) Method of casting (wet/dry tremie)
- (23) Date and time boring start and complete and speed of drilling
- (24) Type of stabilizing fluid
- (25) Collapse of bore or loss of drilling fluid
- (26) Cavities or slump zones encountered

### **2.14 Treatment of Cavities and Slump Zones**

The specification for treatment of cavities and slump zones should be followed unless otherwise instructed by the Engineer.

## **3.0 INTEGRITY TESTING OF PILES**

### **3.1 General**

Piles shall be selected by the Engineer for testing and detection of major faults, necking, discontinuities, and cross sectional areas of the piles. Integrity testing of piles shall be carried out by an independent testing organization approved by the Engineer.

If the results of the tests show that the pile or piles are defective, the pile or piles shall be treated as faulty and shall be rejected unless the Contractor can demonstrate to the approval of the Engineer effective remedial measures that will be carried out.

The results of tests shall be printed out immediately during tests with printer facility at site and submit to Engineer at site. The Engineer's interpretations and conclusions arrived at on the test results shall be final.

Working piles shall be subjected to shock method and sonic logging tests.

### **3.2 Shock Method**

#### **(a) Preparation of the Pile Head**

The pile head shall be clearly exposed, free from debris, etc. and not more than 1.0 meter above or below ground level, otherwise the surrounding soil shall be built up or excavated to meet this condition. The pile head shall be smooth over its complete cross-section, free from irregularities and perpendicular to the vertical axis of the pile.

The pile head shall consist of sound concrete. This shall be achieved during the concreting of the pile by flushing out all weak mortar, etc. from the top of the pile head and carefully screeding off to provide a smooth level surface in sound concrete. Alternatively, if the pile head is prepared after concreting, all weak mortar, broken concrete, etc. shall be removed from the pile head to expose sound concrete over its complete cross-section. After cleaning it off to ensure a sound bond, a very thin screed (maximum 1cm) of strong sand/cement mortar, rapid hardening compound, shall be spread to provide a smooth working surface for the shock test equipment. The mortar shall be allowed to harden before testing.

Any reinforcement or other inclusions protruding from the pile head shall not prevent the testing team from giving the pile the required impact force over the centre of the pile and the placing of a 5cm diameter (approx.) electronic pick-up at about 10cm from the periphery of the pile. Access shall be provided for the service van within 30 meters of the pile.

#### **(b) Shock Test Equipment**

The shock which is to be imparted onto the pile head shall be carried out using a suitable hammer or any approved method which is capable of transmitting vibration to the base of the pile shaft. The electronic pick-ups located on the pile head shall be approved velocity transducers or accelerometers connected through an approved frequency analyzer to a X-Y plotter. The mechanical admittance shall be plotted on a vertical scale and the frequency on the horizontal scale. Both the horizontal and vertical scales shall be varied as required. The equipment shall have an independent power supply.

#### **(c) Shock Test**

The Contractor shall provide the qualified and experienced testing team with a site plan showing the pile layout and a list of the piles to be tested.

Before testing, the heads of the piles shall be inspected by the testing team for regularity and soundness and any unsatisfactory pile heads shall be reported to the Engineer. They shall be made good to the satisfaction of the Engineer and smoothed off using a suitable epoxy mortar if necessary. Preliminary tests shall be carried out to establish the appropriate scales and to check the electronic circuit.

### **3.3 Sonic Logging Method**

For the purpose of carrying out sonic logging, the Contractor shall be required to install the necessary tubing for the tests at all pile locations or as directed by the Engineer.

The tubes shall be of internal diameter not less than 50mm with no internal projections or couplings. They can be of mild steel pipes. Four (4) nos. of tubes are required for each pile of 700mm diameter or greater while two (2) nos. are required for each pile diameter smaller than 700mm.

The tubes shall be firmly secured to the longitudinal bars with equal spacing on the inside perimeter of the links. The tubes shall be watertight with the bottom of the tube sealed and suitably weighted to prevent floating. The tubes shall be secured to the internal face of the reinforcement cage at equal distance from each other on the circumference.

The tubes shall be extended to the full depth of the pile and project 300mm above the top of the concrete and not lower than 300mm below the surface of the ground. All joints shall be made watertight. The tubes shall be filled with water to provide the necessary acoustic coupling, and then plugged or capped before concreting. The type of tube and condition of sealing shall be checked and approved by the Engineer before installation.

The rate of logging for increments of depth shall be approved by the Engineer.

After conducting the tests, all tubes shall be grouted with approved strength and all water in the tubes displaced. The grout shall be dense non-shrink cement grout of minimum 28 days strength of equal or higher than the strength of the concrete of the bored pile. Any admixtures used must be reviewed and approved by the Engineer.

Prior to testing, the necessary equipment shall be thoroughly checked to ensure that all parts are functioning satisfactorily. During sonic logging testing, where any irregularities are detected, the tests shall be repeated at a smaller scale to allow a 'close-up view' of the irregularities.

#### Presentation of Test Results

The time required to carry out the test for each pile must be recorded along with records of starting time and finishing time.

The results of the tests shall be presented in report by the testing firm and must be signed by a professional engineer. The report shall include comprehensive engineering analysis of the test results for each pile taking into consideration the soil condition and any other relevant factors. Interim reports of each pile or group of piles tested in one day shall be submitted to the Engineer within 2 days of the completion of the test or tests. A final comprehensive report shall be submitted to the Engineer within 7 days of the completion of the last test or tests.

### **3.4 Proof Coring of Pile Shafts**

The Contractor shall check the quality of the concrete in the shafts of working piles as directed by the Engineer. This shall be achieved by a vertical diamond core hole drilled through the centre region of the pile from pile head to required depth. The location of the drill hole and depth shall be approved by the Engineer. Full core recovery shall be attempted. The core so produced shall not be less than 50mm in diameter. The minimum number of piles for proof coring test shall not be less than 1% of the total number of working piles or as specified in the Bill of Quantities.

For each pile to be cored, the coring work shall be completed before the concrete in the pile has reached an age of 28 days to allow the cores to be tested for unconfined compression tests at 28 days. The Engineer shall mark the sections of the core to be tested and the Contractor shall arrange for testing in an approved laboratory. A minimum of six (6) unconfined compression tests shall be conducted on cores obtained from a pile. Additional number of the unconfined compression tests may be requested by the Engineer if in the opinion of the Engineer the quality of the concrete of the pile is doubtful.

The cored hole in the pile shall be grouted after testing. The grout shall be an approved dense cement grout with minimum 28 days strength of equal or higher than the strength of the concrete of the bored pile. If the pile is found to be faulty in the opinion of the Engineer because of defects such as cracks,

over breaks, necking, cavity, inclusion of foreign deleterious materials, poor quality concrete, etc., the pile shall be rejected and the Contractor shall undertake all necessary remedial measures to the approval of the Engineer.

In conjunction to core testing, the Engineer may request sonic logging test to be conducted in the cored holes or pre-installed tubings to determine the in-situ density of the pile and their integrity continuously along the pile length in correlation with core samples.

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Prepared by:

**Ma. Victoria V. Umali**  
Civil Engineer, PMO

Checked and Reviewed by:

**ROMUALDO S. CALUAG, msce, m.asep, m.issep**  
Member, TWG

Submitted by:


Approved by:

**Ar. Ma. Saturnina C. Parungao**  
Director, PMO

**Dr. Teody C. San Andres**  
Vice President, Executive Operations

Conforme:

\_\_\_\_\_  
CONTRACTOR

Name of Project:	PROPOSED FIVE – STOREY ENGINEERING BUILDING PHASE 1				
Project Reference no.	INFRA 2018-02				
Location	BULSU MAIN CAMPUS, BRGY. GUINHAWA, MALOLOS CITY, BULACAN				
Subject	PROGRAM OF WORKS: 1) Site Works 2) Bored Piling Foundation				
Item No.	Description	Qty.	Unit	Unit Price	Total Price
I.	BORED PILING WORKS				
A.	SITEWORKS				
1.0	Survey Works	1.00	lot		
2.0	Site Clearing	2,000.00	sm		
3.0	Staking and Layout	2,000.00	sm		
4.0	Backfilling Works				
	Imported Materials (86m x 38.5m x 1.25m)	4,759.56	cm		
	Backfilling/ Compaction	4,759.56	cm		
5.0	Provision of Embankment/ Craneway Access	1.00	Lot		
B.	BORED PILING FOUNDTION				
1.0	Supply of Temporary Steel Casing	340.00	ea		
2.0	Driving / Extraction of Temporary Steel Casing	340.00	ea		
3.0	Drilling of Bored Holes	1,700.00	lm		
4.0	Supply of RMC	1,140.00	cm		
5.0	Placing of RMC	1,140.00	cm		
6.0	Supply of Rebars including Tie Wires	235,942.06	kgs		
7.0	Fabrication of Rebar Cages & Miscellaneous Works	235,942.06	kgs.		
8.0	Installation of Rebar Cages	235,942.06	kgs.		
9.0	Disposing of Excavated Soil Materials	1,893.13	cm		
II.	OTHER WORKS				
A.	PILE CAPS (Total No. = 68 pcs)				
1.0	Gravel Bedding	29.08	cm		
2.0	Concreting Works				
a.	Concrete Reinforcement				
	Supply of Rebars	11,445.11	kgs		
	#16 GI Tie Wire	172.00	kgs		
b.	Concrete Formworks				
	2" x 3"/ 2" x 2" Form Lumber	8,000.00	bd ft		
	Ordinary Plywood 1/2' x 4' x 8'	100.00	shts		

	CW Nails	182.00	kgs		
c.	Ready Mixed Concrete, 4000 psi	223.00	cm		
<b>B.</b>	<b>COLUMNS (Reinforcements Only)</b>				
	Supply of Rebars (up to 6m commercial length)	48,718.73	kgs		
	#16 GI Tie Wire	731.00	kgs		
	<b>ESTIMATED DIRECT COST</b>				
	<b>Add: INDIRECT COST</b>				
	a) OCM (Overhead, Contingency and Miscellaneous) - 10% of EDC				
	Safety & PPE	1.00	lot		
	b) Profit - 8% of EDC				
<b>C.</b>	<b>GENERAL REQUIREMENTS</b>				
1.0	Mobilization/ Demobilization	1.00	lot		
2.0	Permits & Licenses (Excavation/ ECC/ Zoning)	1.00	lot		
3.0	Temporary Facilities and Related Work Inputs	1.00	lot		
	<b>TOTAL COST (DIRECT + INDIRECT)</b>				
	Add: 5% VAT				
	<b>TOTAL PROJECT COST</b>				



## Bid Form

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

IB<sup>1</sup> N<sup>o</sup>: \_\_\_\_\_

**Dr. ROLANDO R. GASPAR**

Chairperson, BAC (Infrastructure & Repairs)

**BULACAN STATE UNIVERSITY**

**Guinhawa, City of Malolos, Bulacan**

We, the undersigned, declare that:

(a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract **Proposed Five – Storey Engineering Building Phase 1 (INFRA-2018-02)**

(b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered below is: [insert information];

The discounts offered and the methodology for their application are: [insert information];

(c) Our Bid shall be valid for a period of [insert number] days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(d) 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;

(e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: [insert information];

(f) 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;

(g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;

(h) 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

(i) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

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<sup>1</sup> If ADB, JICA and WB funded projects, use IFB.

- (j) **We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the Proposed Five – Storey Engineering Building Phase 1 (INFRA-2018-02) of the *BULACAN STATE UNIVERSITY*.**
- (k) **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: \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Signed: \_\_\_\_\_

Duly authorized to sign the Bid for and on behalf of: \_\_\_\_\_

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

## Form of Contract Agreement

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Know All Men by These Present:

This CONTRACT made and executed this \_\_\_\_ day of \_\_\_\_\_ 2018, by and between:

**BULACAN STATE UNIVERSITY**, a state educational institution duly organized and existing under and by virtue of the laws of the Philippines, with principal office and postal address at **Guinhawa, City of Malolos, Bulacan of the Philippines** represented by its President **CECILIA N. GASCON, Ph.D.** (hereinafter called "the UNIVERSITY")

and -

[Name of Contractor], duly organized and existing under the laws of the Philippines, with postal address at [Address of Contractor] represented herein by its Owner & General Manager [Name of the Owner] and by virtue of the powers conferred upon him, hereinafter referred to as the CONTRACTOR.

WHEREAS, the **UNIVERSITY** is desirous that the Contractor execute **Proposed Five – Storey Engineering Building Phase 1 (I-2018-01)** (hereinafter called "the Works") and the **UNIVERSITY** has accepted the Bid for [Amount of the Contract] hereinafter called ("the Contract Price") by the Contractor for the execution and completion of such Works and the remedying of any defects therein;

WHEREAS, as a measure of guarantee for the faithful performance of and compliance with his obligations under this contract, the **CONTRACTOR** posted performance security in the form of Surety Bond amounting to [Performance Security] which is thirty percent (30%) of the contract price as specified in the Bidding Documents.

### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of the Contract referred to.
2. Republic Act no. 9184 and its Implementing Rules and Regulations, as amended, as well as the applicable Government Procurement Policy Board Resolutions shall apply to this Contract.

#### 3. SCOPE OF WORK

- 3.1 CONTRACTOR agrees to render the Services enumerated and described in the Construction Specifications and in accordance with the general terms and conditions and made an integral part hereof.
- 3.2 Plans/Drawings as approved by the UNIVERSITY necessary in the execution of work mutually agreed upon by the UNIVERSITY and CONTRACTOR.
- 3.3 The CONTRACTOR shall undertake the construction and completion of the PROJECT in full compliance with Contract Documents.

#### 4. WARRANTY

Section 62 (b) of R.A. 9184: The CONTRACTOR shall assume full responsibility for the contract work from the time project construction commenced up to a reasonable period as defined in the IRR taking into consideration the scale and coverage of the project from its final acceptance by the government and shall be held responsible for any damage or construction of works except those occasioned by force majeure.

The CONTRACTOR shall be fully responsible for the safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the

works, equipment, installation and the like to be affected by his construction work and shall be required to put up a warranty security in the form of cash, bank guarantee, letter of credit, Government Service Insurance System bond, or callable surety bond. The CONTRACTOR shall undertake the repair works, at his own expense, of any defect or damage to the infrastructure projects on account of the use of materials of inferior quality within ninety (90) days from the time the Head of the Procuring Entity has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the government shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.

#### 5. **WORK CHANGES**

Variation Orders may be issued by the UNIVERSITY to cover any increase/decrease in quantities, including the introduction of new work items that are not included in the original contract or reclassification of work items that are either due to change of plans, design or alignment to suit actual field conditions resulting in disparity between the preconstruction plans used for purposes of bidding and the “as staked plans” or construction drawings prepared after a joint survey by the CONTRACTOR and the Government after award of the contract, provided that the cumulative amount of the positive or additive Variation Order does not exceed ten percent (10%) of the original contract price.

In claiming for any Variation Order, the CONTRACTOR shall, within seven (7) calendar days after such work has been commenced pursuant to Section 3.2 of the Revised IRR Annex “E” of R.A. 9184; or, within twenty eight (28) calendar days after the circumstances or reasons justifying a claim for extra cost shall have occurred, deliver a notice giving full and detailed particulars of any extra cost in order that it may be investigated at that time.

#### 6. **COMPLETION OF WORK**

The CONTRACTOR binds itself to complete the undertaking herein contracted within ***One Hundred Twenty (120) calendar days*** commencing on the day the undertaking started, which should not be later than ten (10) calendar days from receipt of the Notice to Proceed;

The CONTRACTOR shall pay the UNIVERSITY for liquidated damages (LD), and not by way of penalty, an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the unperformed portion of the works for every day of delay. The UNIVERSITY shall deduct the liquidated damages from payments or any money due or which may due the CONTRACTOR under this Contract and/or collect such liquidated damages from the retention money or other securities posted by the CONTRACTOR whichever is convenient to the UNIVERSITY. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this contract, the UNIVERSITY shall rescind this contract, without prejudice to other courses of action and remedies open to the UNIVERSITY.

#### 7. **PENAL CLAUSE**

In addition to the Performance Security posted by the winning bidder to guarantee the faithful performance of its obligations under the contract in accordance with the Bidding Documents, the CONTRACTOR shall pay a penalty of 0.5% of the contract price for each day of delay of the project and 1% of the same for every breach.

#### 8. **PROJECT COST AND TERMS OF PAYMENT**

In consideration of the Contract Price mentioned herein to be paid by the UNIVERSITY to the CONTRACTOR, the CONTRACTOR hereby covenants, with the UNIVERSITY, to execute and complete such works and to remedy defect therein in conformity in all respect with the provisions of the Contract;

The Contract Price shall be paid to the CONTRACTOR through the Government disbursement procedure subject to the payment, retention money, and warranty provisions in the General Conditions of Contract, the Special Conditions of Contract, and the IRR of R.A. 9184;

**9. The following Contract Documents are incorporated hereto and made integral part of this Agreement:**

9.1 The said Bid which is the Form of Bid Accomplished and submitted by the Contractor, including:

- a. Bid Security
- b. Bid Prices in the Bill of Quantities
- c. Detailed Estimates
- d. Valid Philippine Contractor's Accreditation Board (PCAB) License and Registration for the type and cost of the contract for this Project
- e. Organizational Chart
- f. List of Contractor's Personnel
- g. List of Contractor's Equipment
- h. Construction Schedule and S-Curve
- i. Construction Safety and Health Program for this Project
- j. Manpower Schedule
- k. Construction Methods
- l. PERT/CPM
- m. Site Inspection Certificate
- n. Omnibus Sworn Statement

9.2 Invitation to Apply for Eligibility and to Bid;

9.3 Bid Data Sheet;

9.4 General and Special Conditions of the Contract;

9.5 Supplemental Bid Bulletin

9.6 Eligibility requirements, documents and/or statements;

9.7 Performance Security and Warranty;

9.8 Approved Resolution to Award;

9.9 Notice of Award of Contract and winning bidder's "Conforme" thereto; and

9.10 Other contract documents that may be required by the existing laws and/or the Entity.

**10. RESOLUTION OF CONFLICTS**

10.1 Any and all disputes arising from the implementation of **Proposed Five – Storey Engineering Building Phase 1 (I-2018-02)** between the UNIVERSITY and the CONTRACTOR, shall be submitted to arbitration in the Philippines according to the provisions of Republic Act No. 876, otherwise known as the "Arbitration Law": Provided, however, That, disputes that are within the competence of the Construction Industry Arbitration Commission to resolve shall be referred thereto. The process of arbitration shall be incorporated as a provision in the contract that will be executed pursuant to the provisions of this Act: Provided, That by mutual agreement, the parties may agree in writing to resort to alternative modes of dispute resolution.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

**SIGNED, SEALED, AND DELIVERED BY:**

**BULACAN STATE UNIVERSITY**

***[NAME OF THE CONTRACTOR]***

\_\_\_\_\_  
**CECILIA N. GASCON, Ph.D.**  
*President*

\_\_\_\_\_  
*Owner & General Manager*

**SIGNED IN THE PRESENCE OF:**

\_\_\_\_\_  
*Contractor's Witness*

**Funds Available:**

**FELICITAS G. MIRABUENOS**  
*Accountant IV, BulSU Accounting Office*  
**ACKNOWLEDGMENT**

REPUBLIC OF THE PHILIPPINES

\_\_\_\_\_)S.S.  
\_\_\_\_\_)

BEFORE ME, a Notary Public for and in the Province/City of \_\_\_\_\_, 2018,  
personally came and appeared:

Name	Gov't issued identification	Issued At/Date
DR. CECLIA N. GASCON, Ph. D		

Known to me and known to be the same persons who executed the foregoing instrument and acknowledged to me that same is the free and voluntary act and deed of the entities which they respectively represent.

The foregoing instrument is an AGREEMENT consisting of four (4) pages (exclusive of attachments), including this page on which this acknowledgment is written and signed by the parties hereto and their instrument witnesses on the left hand margin of each and every page hereof.

WITNESS MY HAND AND SEAL on the date and place first above written.

*Doc. No.* \_\_\_\_\_

*Page No.* \_\_\_\_\_

*Book No.* \_\_\_\_\_

*Series of 2018*

## Omnibus Sworn Statement

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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 **Proposed Five – Storey Engineering Building Phase 1 (INFRA-2018-02)** of the **BULACAN STATE UNIVERSITY** [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 **Proposed Five – Storey Engineering Building Phase 1 (INFRA-2018-02)** of the **BULACAN STATE UNIVERSITY**, accompanied by the duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary’s Certificate, 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;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. **Select one, delete the rest:**



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

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and
8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:
  - a) Carefully examine all of the Bidding Documents;
  - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
  - c) Made 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 **Proposed Five – Storey Engineering Building Phase 1 - INFRA-2018-02.**
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.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_ day of \_\_, 2017 at \_\_\_\_\_, Philippines.

\_\_\_\_\_  
Bidder's Representative/Authorized Signatory

**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. \_\_\_\_\_ and his/her Community Tax Certificate No. \_\_\_\_\_ issued on \_\_\_\_ at \_\_\_\_\_.

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 \_\_\_\_\_

\* This form will not apply for WB funded projects.

Name of the Procuring Entity  
Number

Standard Form Number: SF-INFR-15  
Revised on: July 29, 2004

Project Reference Number: Infra-2018-02  
Name of Project: Proposed Five – Storey Engineering Building Phase 1  
Location of the Project: BulSU Main Campus, City of Malolos, Bulacan

**Statement of at least one (1) completed contract that is Similar to the Contract to be Bid (within the last three (3) years)**  
*(Project equivalent to at least fifty per cent (50%) of the ABC)*

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

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

Name of Contract/Location Project Cost	a. Owner's Name b. Address c. Tel. Nos	Nature of Work	Contractor's Role (ITB Clause 12.1(a)(iii.6))		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	% of participation		
Government						
Private						

Notes: This statement shall be supported with:

1. Program of Works
2. Notice of Award or Notice to Proceed or Contract issued by the owners.
3. Owner's Certificate of Final Acceptance; or the Constructors Performance Evaluation Summary (CPES) Final Rating or the Certificate of Completion, must be satisfactory.
4. All spaces should be filled up with correct information.

Submitted by : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Date : \_\_\_\_\_

Name of the Procuring Entity  
Number

Standard Form Number: SF-INFR-15  
Revised on: July 29, 2004

Project Reference Number: Infra-2018-02

Name of Project: Proposed Five – Storey Engineering Building Phase 1

Location of the Project: BulSU Main Campus, City of Malolos, Bulacan

**List of All On-going Government & Private Construction Contracts including contracts awarded but not yet started**

Business Name :

Business Address:

Name of Contract/Location Project Cost	a. Date of the Contract	Contract Duration	a. Owner's Name b. Address c. Tel. Nos	Nature of Work	Contractor's Role (ITB Clause 12.1(a)(iii.6))		a. Total Contract Value at Award b. Date of Completion or Est. Completion c. Total Contract Value at completion	% of Accomplishment		Value of Outstanding Works
					Description	% of participation		Planned	Actual	
Government										
Private										

Notes: This statement shall be supported with:

1. Notice of Award or Notice to Proceed or Contract issued by the owners.
2. Certificate of Good Standing (No slippage and delay).
3. All spaces should be filled up with correct information

Submitted by : \_\_\_\_\_  
(Printed Name & Signature)

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

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

## Bid-Securing Declaration

(REPUBLIC OF THE PHILIPPINES)

CITY OF \_\_\_\_\_ ) S.S.

x-----x

**Invitation to Bid** *[Insert reference number]*

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any 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 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:
  - Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - 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;
  - 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

**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 2018.**