

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

with incorporations of the 2016 IRR of R.A. No. 9184 (in **bold and **yellow highlights**)*

Procurement of INFRASTRUCTURE PROJECTS Government of the Republic of the Philippines



Contract Reference Number : **IB 2016-01-06**

Name of Contract : **CONSTRUCTION/REPAIR/REHABILITATION
OF ACADEMIC BUILDINGS**

Locations of Contract : **KALINGA STATE UNIVERSITY IN THE
FOLLOWING CAMPUSES:**

- 1. MAIN CAMPUS IN PUROK 6, BULANAO,
TABUK CITY KALINGA**
- 2. DAGUPAN CAMPUS IN DAGUPAN
CENTRO, TABUK CITY, KALINGA**
- 3. RIZAL CAMPUS IN BAGBAG, RIZAL,
KALINGA**

Name of Procuring Entity : **KALINGA STATE UNIVERSITY (KSU)**



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Name of the Procuring Entity : **Kalinga State University**
Contract Reference Number : **IB 2016-01-06**
Name of the Contract : **Construction/Repair/Rehabilitation of Academic Buildings**
Locations of the Contract : **KSU Campuses in Bulanao and Dagupan in the City of Tabuk
and Rizal Campus in the Municipality of Rizal Kalinga**



Section I. Invitation to Bid



Standard Form Number: **SF-INFR-05**

Republic of the Philippines
KALINGA STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
 National Road, Purok 6, Bulanao, Tabuk City, Kalinga

**INVITATION TO BID FOR CONSTRUCTION/ REPAIR/
 REHABILITATION OF ACADEMIC BUILDINGS**

1. The **Kalinga State University (KSU)**, through its **GAA- Capital Outlay for CY 2016** intends to apply the sum of **PhP 15,811,163.3** being the Approved Budget for the Contract (ABC) to payments under the contract for **CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS/IB 2016-01-06**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Kalinga State University** now invites bids for **CONSTRUCTION/ REPAIR/ REHABILITATION OF ACADEMIC BUILDINGS** (1 package deal consisting of 14 lots with corresponding ABC and contract duration as stated below). Completion of the Works is required **from 10 to 176 calendar days** depending on project lot. 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.

The following are the Project Lots:

Lot #/ Titles of Project	Approved Budget	Contract Duration
1. Repair of Comfort Room at CAF Building Left Wing	204,102.36	31
2. Repair of Comfort Room at CAF Building Right Wing	64,895.72	13
3. Repair of KSU High School Laboratory Building	1,556,612.28	85
4. Various Repairs of Agricultural Technology Building	817,815.53	68
5. Repair of CTE Building	1,479,691.19	89
6. Various Repairs of CAF Laboratory Building	1,163,525.94	103
7. Various Repairs of CBAE Building	69,585.38	10
8. Various Repairs of CLA Building	145,373.40	25
9. Various Repairs of Forestry Building	797,849.09	72
10. Various Repairs at TECHVOC 1 Building	449,531.15	40
11. Various Repairs at TECHVOC 2 Building	363,694.72	38
12. Construction of Engineering Building – Phase IV	1,310,948.65	84
13. Construction of Rizal Campus Library Building – Phase V	6,173,988.06	176
14. Construction of HRM Building – Phase IV	1,213,549.79	67
Grand-total of ABC	15,811,163.26	10-176 CD

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criterion as specified in the **2016** (Revised) Implementing Rules and Regulations (IRR) of Republic Act 9184 (RA 9184), otherwise known as the “Government Procurement Reform Act”.

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

4. Interested bidders may obtain further information from **Kalinga State University** and inspect the Bidding Documents at the address given below during **8:00 AM to 5:00 PM**.



5. A complete set of Bidding Documents may be **acquired** by interested Bidders on **November 15, 2016 to December 5, 2016** from the address below and upon payment of a non-refundable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty-five Thousand Philippine Pesos (PhP 25,000.00)**.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the **Kalinga State University at <http://ksu.edu.ph>**, **provided that bidders shall pay the fee for the Bidding Documents not later than the submission of their bids.**

6. The **Kalinga State University** will hold a Pre-Bid Conference, on **November 23, 2016 (Wednesday), 10:00 AM** at **Conference Hall, Administration Building, KSU-Main Campus, National Road, Purok 6, Bulanao, Tabuk City, Kalinga**, which shall be open to all interested parties.
7. Bids must be delivered to the address below on or before **December 5, 2016 (Monday), 10:00 AM** at the **Bid Box fronting the Bids and Awards Committee Office, 2/F, Administration Building, KSU-Main Campus, National Road, Purok 6, Bulanao, Tabuk City, Kalinga**. All bids must be accompanied by bid a security in any of the acceptable forms and in the amount stated in ITB Clause 18.

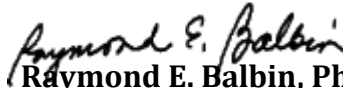
Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

8. Bidders should comply with the applicable provisions of Section **23.4.2** of the **2016** IRR of R.A. 9184 and with a modified set of requirements integrating eligibility documents and criteria for infrastructure projects as provided in Annex E of the **2016** IRR of R.A. 9184, or the **Contract Implementation Guidelines for the Procurement of Infrastructure Projects**.
9. The **Kalinga State University** reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

10. For further information, please refer to:

Ronaldo B. Daluping, BAC Secretariat
BAC Office, Procurement Services Office
Kalinga State University - Main Campus
National Road, Purok 6, Bulanao, Tabuk City, Kalinga 3800
+63917-774-4185
ksu_bac@yahoo.com
<http://ksu.edu.ph/>

Approved:


Raymond E. Balbin, Ph.D.
BAC Chairperson



Section II. Instructions to Bidders



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A. General

1. Scope of Bid

1. The Procuring Entity as defined in the **BDS**, invites bids for the construction of Works, as described in Section VI. Specifications. The name and identification number of the Contract is provided in the **BDS**.
2. The successful bidder will be expected to complete the Works by the intended completion date specified in **SCC** Clause 1.16.

2. Source of Funds

The Procuring Entity has a budget or has applied for 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, and Coercive Practices

1. Unless otherwise specified in the **BDS**, the Procuring Entity, 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 Procuring Entity, 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 Procuring Entity, 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 Procuring Entity 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 Procuring Entity, 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 Procuring Entity 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 Procuring Entity 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.
2. Further, the Procuring Entity 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. Furthermore, the Funding Source and the Procuring Entity 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 16.34.

4. Conflict of Interest

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 Procuring Entity regarding this bidding process. This will include a firm or an organization 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;
 - (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 temporary 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.
2. In accordance with Section 47 of the **2016** 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 Procuring Entity, 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. Failure to comply with the aforementioned provision shall be a ground for the automatic disqualification of the bid in consonance with Section 30 of the 2016 IRR of RA 9184. For this reason, relation to the aforementioned persons within the third civil degree of consanguinity or affinity shall automatically disqualify the bidder from participating in the procurement of contracts of the Procuring Entity notwithstanding the act of such persons inhibiting themselves from the procurement process. On the part of the bidder, this provision 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 **Section** 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

1. Unless otherwise provided 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; or**
 - (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.
2. The Procuring Entity may also invite foreign bidders when provided for under any Treaty or International or Executive Agreement as specified in the **BDS**.
3. Government Corporate Entities 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 dependent agencies of the GOP or the Procuring Entity.



4. (a) Unless otherwise provided in the **BDS**, the prospective bidder must have completed an 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.

- (b) For Foreign-funded Procurement, the Government of the Philippines (GoP) 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**, and completed within the period stated in the Invitation to Bid and **ITB** Clause 12.1(a)(iv).

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:

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

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements 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

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).
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 10.3.
 - (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 Procuring Entity or its duly authorized representative/s to verify all the documents submitted;
 - (h) Ensuring that the signatory is the duly authorized representative of the prospective 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 the Act, in relation to other provisions of Republic Act 3019;
- (j) Complying with existing labor laws and standards, if applicable; and
- (k) 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 government in relation to any procurement project or activity.

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

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.
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.
5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity.
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.
7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
8. Bidders should note that the Procuring Entity will only accept bids only from those that have paid the nonrefundable 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

1. Unless otherwise specified in the **BDS**, the Bidder may subcontract portions of the Works to an extent as may be approved by the Procuring Entity 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.
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 Procuring Entity to be ineligible, the subcontracting of such portion of the Works shall be disallowed.
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

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 discuss, **clarify and explain**, among other things, the eligibility requirements and the technical and financial components of this Project **including questions and clarifications raised by the prospective bidders before and during the Pre-Bid Conference in accordance with Section 22.3, 2016 IRR of RA 9184.**
(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 PhilGEPS posting of the Invitation to Bid or Bidding Documents. If the Procuring Entity 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**.*
2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity'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.
3. Any statement made at the pre-bid conference shall not modify the terms of the bidding documents unless such statement is specifically identified in writing as an amendment thereto and issued as a Supplemental/Bid Bulletin.

10. Clarification and Amendment of Bidding Documents

1. Bidders who have purchased the Bidding Documents may request for clarification(s) on any part of the Bidding Documents or for an interpretation. Such a request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.
2. Supplemental/Bid Bulletins may be issued upon the Procuring Entity'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.
3. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted on the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity concerned, if available, **and at any conspicuous place within the premises of the Procuring Entity**. Unless, otherwise provided in the **BDS**, it shall be the responsibility of all Bidders who **have properly** secure 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 Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Entity, shall be written 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 on interpretation of the bid.**



12. Documents Comprising the Bid: Eligibility and Technical Components

1. Unless otherwise indicated in the **BDS**, the first envelope shall contain **only** the following eligibility and technical documents of bidders **using the criteria stated in Section 23.4 of 2016 IRR of RA 9184:**

(a) Eligibility Documents –

Class "A" Documents:

Legal Documents

(i) Registration certificates from the following:

(i.1) Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, and

(i.2) **Updated PhilGEPS Registration Certificate;**

(ii) Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located, **or the equivalent document for Exclusive Economic Zones or Areas.**

In cases of recently expired Mayor's/Business permits, it shall be accepted together with the official receipt as proof that the bidder has applied for renewal within the period prescribed by the concerned local government unit, provided that the renewed permit shall be submitted as a post qualification requirement in accordance with Section 34.2 of the 2016 IRR of R.A. No. 9184;

(iii) **Tax clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR), and**

Tax payer's Identification number or VAT registration for the type & cost of contract to be bid;

Technical Documents

(iv) Statement of **the prospective bidder of** all its ongoing and completed government and private contracts within ten (10) years from the submission of bids, including contracts awarded but not yet started, if any, **whether similar or not similar in nature and complexity to the contract to be bid;**

(v) **Statement identifying the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid.**

All of the statements (iv and v) shall include, for each contract, the following information:

(v.1) name of the contract;

(v.2) date of the contract;

(v.3) contract duration;

(v.4) owner's name and address;

(v.5) nature of work;

(v.6) contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation;

(v.7) total contract value at award;

(v.8) date of completion or estimated completion time;

(v.9) total contract value at completion, if applicable;



- (v.10) percentages of planned and actual accomplishments, if applicable;
 - (v.11) value of outstanding works, if applicable;
 - (v.12) the statement shall be supported by the notices of award and/or notices to proceed issued by the owners; and
 - (v.13) the statement shall be supported by the Owner's Certificate of Final Acceptance or the Certificate of Completion and, whenever applicable, the Constructors Performance Evaluation Summary (CPES) Final Rating, which must be satisfactory;
- (vi) Unless otherwise provided in the **BDS**, a valid Philippine Contractors Accreditation Board (PCAB) License or Special PCAB License in case of Joint Ventures, and registration for the type and cost of the contract to be bid.

Financial Documents

- (vii) Audited Financial Statements (AFS), showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission;
- (viii) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) computation in accordance with ITB Clause 5.5;

Class "B" Document:

- (ix) If applicable, valid Joint Venture Agreement (JVA) in accordance with R.A. 4566 and its IRR shall be included in the bid.

(b) Technical Documents –

- (i) Bid security as prescribed in ITB Clause 18. If the Procuring Entity requires the bidders 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 an authorized Insurance Commission that a surety or insurance company is authorized to issue such instrument;
- (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;
 - (ii.3) List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project; and
- (iii) Omnibus Sworn statement in accordance with Section 25.3 of the 2016 IRR of RA 9184 and using the form prescribed in Section IX. Bidding Forms.



13. Documents Comprising the Bid: Financial Component

1. Unless otherwise stated in the **BDS**, the financial component of the bid shall contain the following:
 - (a) Financial Bid Form in accordance with the form prescribed in Section IX. Bidding Forms; and
 - (b) Any other document related to the financial component of the bid as stated in the **BDS**.
2.
 - (a) Unless indicated 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 procuring entity has procedures in place to ensure that the ABC is based on recent estimates made by the engineer or the responsible unit of the procuring entity and that the estimates are based on adequate detailed engineering (in the case of works) 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 procuring entity has trained cost estimators on estimating prices and analyzing bid variances. In the case of infrastructure projects, the procuring entity must also have trained quantity surveyors.
 - (iv) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
 - (v) The procuring entity 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

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.
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.
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

1. The contract shall be for the whole Works, as described in **ITB** Clause 1, based on the priced Bill of Quantities submitted by the Bidder.
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 "0" (zero) for the said item would mean that it is being offered for free to the Government.



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.
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 16.48. 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 the recommendation of the Procuring Entity. 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

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.
2. If so allowed in accordance with **ITB** Clause 1, the Procuring Entity 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 BSP reference rate bulletin on the day of the bid opening.
3. Unless otherwise specified in the BDS, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

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.
2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity 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

1. **The bidder shall submit a Bid Securing Declaration, or any form of bid security, in an amount not less than the required percentage of the ABC stated in the BDS in accordance with the following schedule:**

Form of Bid Security	Amount of Bid Security (Not less than the required Percentage of the ABC)
(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.	Five percent (5%)



For biddings conducted by local government units, the procuring entity may also require bidders to submit bid securities in the form of cashier's/manager's check, bank draft/guarantee, or irrevocable letter of credit from other banks certified by the BSP as authorized to issue such financial statement.

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the bidder shall enter into contract with the Procuring Entity and furnish the performance security required under ITB Clause 32.2, from receipt of the Notice of Award, and commits to pay the corresponding 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 required in the guidelines issued by the GPPB.

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 Procuring Entity as non-responsive.
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 motion for reconsideration and/or protest. Without prejudice on its forfeiture, Bid Securities shall be returned only after the bidder with the Lowest Calculated Responsive Bid 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 2.
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 2.
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) fails to submit the requirements within the prescribed period, or a finding against their veracity, as stated in **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 Lowest Calculated and Responsive Bid;
 - (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

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.
2. Forms as mentioned in **ITB** Clause 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.
3. The Bidder shall prepare 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.
4. The bid, except for unamended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
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

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".
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.
3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in indelible ink and shall be signed by the bidder or its duly authorized representative/s.
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 Procuring Entity's BAC identified in **ITB** Clause 10.1;
 - (d) bear the specific identification of this bidding process indicated in the Invitation to Bid; and
 - (e) bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with **ITB** Clause 21.
5. If bids are not sealed and marked as required, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the bid.



D. Submission and Opening of Bids

21. Deadline for Submission of Bids

Bids must be received by the Procuring Entity's BAC at the address and on or before the date and time indicated 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 PE (Sec. 29, 2016 IRR of RA 9184).***

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared "Late" and shall not be accepted by the Procuring Entity.

23. Modification and Withdrawal of Bids

1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity 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, properly identified, 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.
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 Procuring Entity prior to the deadline prescribed for submission and receipt of bids.
3. Bids requested to be withdrawn in accordance with **ITB** Clause 1 shall be returned unopened to the Bidders. A Bidder 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.
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

1. The BAC shall open the first bid envelopes of Bidders in public as specified in the **BDS** to determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12. For this purpose, the BAC shall check the submitted documents of each bidder against a checklist of required documents to ascertain if they are all present, 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".
2. 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 13.1(b), 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.

3. 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. If the withdrawing Bidder’s representative is in attendance, the original bid and all copies thereof shall be returned to the representative during the bid opening. If the representative is not in attendance, the Bid shall be returned unopened by registered mail. The Bidder may withdraw its bid prior to the deadline for the submission and receipt of bids, provided that the corresponding letter of withdrawal contains a valid authorization requesting for such withdrawal, subject to appropriate administrative sanctions.
4. If a Bidder has previously secured a certification from the Procuring Entity to the effect that it has previously submitted the above-enumerated Class “A” Documents, the said certification may be submitted in lieu of the requirements enumerated in **ITB** Clause 12.1(a), items (i) to (vi).
5. In the case of an eligible foreign Bidder as described in **ITB** Clause 5, the Class “A” Documents enumerated in **ITB** Clause 12.1(a) may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned.
6. Each partner of a joint venture agreement shall likewise submit the documents required in **ITB** Clauses 12.1(a) and 12.1(b). Submission of documents required under **ITB** Clauses 12.1(a)(iv) to 12.1(a)(viii) by any of the joint venture partners constitutes compliance.
7. A Bidder determined as “failed” has three (3) calendar days upon written notice or, if present at the time of bid opening, upon verbal notification within which to file a request for reconsideration with the BAC: Provided, however, that the request for reconsideration shall not be granted if it is established that the finding of failure is due to the fault of the Bidder concerned: Provided, further, that the BAC shall decide on the request for reconsideration within seven (7) calendar days from receipt thereof. If a failed Bidder signifies his intent to file a request for reconsideration, the BAC shall keep the bid envelopes of the said failed Bidder unopened and/or duly sealed until such time that the request for reconsideration or protest has been resolved.

E. Evaluation and Comparison of Bids

25. Process to be Confidential

1. Members of the BAC, including its staff and personnel, Secretariat and TWG, **as well as Observers**, 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 in the case of **ITB** Clause 26.
2. Any effort by a bidder to influence the Procuring Entity in the Procuring Entity’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 Procuring Entity 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 Procuring Entity shall not be considered.



27. Detailed Evaluation and Comparison of Bids

1. The Procuring Entity 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.
2. In evaluating the Bids to get the Lowest Calculated Bid, the Procuring Entity shall undertake the following:
 - (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.
3. The Procuring Entity'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 ITB specifically 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 "0" (zero) **or a dash (-)** for the said item would mean that it is being offered for free to the Procuring Entity; and
 - (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications if expressly allowed in the **BDS**. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
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**.
5. The Procuring Entity's evaluation of bids shall only be based on the bid price quoted in the Financial Bid Form
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.

28. Post Qualification

1. The Procuring Entity shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid (LCB) complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
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 LCB, the Bidder shall submit the following documentary requirements:
 - (a) **Latest income and business tax returns in the form specified in the **BDS**; and**
 - (b) **Other appropriate licenses and permits required by law and stated in the **BDS**.**



Failure of the Bidder declared as LCB to duly submit the requirements under this Clause or a finding against the veracity of such, shall be ground for forfeiture of the bid security and disqualification of the Bidder for award.

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 Procuring Entity deems necessary and appropriate, using a non-discretionary "pass/fail" criterion.
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 Lowest Calculated Responsive Bid, and recommend to the Head of the Procuring Entity the award of contract to the said Bidder at its submitted price or its calculated price, whichever is lower, subject to **ITB** Clause 30.3.
5. A negative determination shall result in rejection of the Bidder's Bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid 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 Lowest Calculated and Responsive Bid is determined for contract award.
6. Within a period not exceeding **fifteen (15)** calendar days from the date of receipt of the recommendation of the BAC, the Head of the Procuring Entity shall approve or disapprove the said recommendation.

29. Reservation Clause

1. Notwithstanding the eligibility or post-qualification of a bidder, the Procuring Entity 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 Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.
2. Based on the following grounds, the Procuring Entity 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 Procuring Entity, 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 Procuring Entity'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 Government 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 procuring entity;
 - (ii) If the project is no longer necessary as determined by the head of the procuring entity; and



(iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.

3. In addition, Procuring Entity 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 or fail post-qualification; or
 - (d) The bidder with the Lowest Calculated Responsive Bid refuses, without justifiable cause to accept the award of contract, and no award is made **in accordance with Section 40 of RA 9184 and 2016 IRR.**

F. Award of Contract

30. Contract Award

1. Subject to **ITB** Clause 28, the Procuring Entity shall award the contract to the Bidder whose Bid has been determined to be the Lowest Calculated and Responsive Bid (LCRB).
2. Prior to the expiration of the period of Bid validity, the Procuring Entity shall notify the successful Bidder in writing that its Bid has been accepted, through a Notice of Award received personally or sent by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.
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 by the Bidder of the Notice of Award:
 - (i) Valid JVA, if applicable;**
 - (ii) In the case of procurement by a Philippine Foreign Office or Post, the PhilGEPS Registration Number of the winning foreign bidder;**
 - (iii) Valid PCAB license and registration for the type and cost of the contract to be bid for foreign bidders in Infrastructure Projects when the Treaty or International or Executive Agreement expressly allows submission of such license and registration mentioned in ITB Clause 12.1(a)(vi) as a pre-conditioned to the Notice of Award;**
 - (b) Posting of the performance security in accordance with **ITB** Clause 32;
 - (c) Signing of the contract **upon compliance with all documentary requirements** as provided in **ITB** Clause 31; and
 - (d) Approval by higher authority, if required.

31. Signing of the Contract

1. At the same time as the Procuring Entity notifies the successful Bidder that its Bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which Contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
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 Procuring Entity.
3. The Procuring Entity 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.



4. The following documents shall form part of the contract:
- (a) Contract Agreement;
 - (b) Bidding Documents;
 - (c) Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents/statements submitted;
 - (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

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 Procuring Entity and in no case later than the signing of the contract.
2. **The performance security shall be in an amount as stated in the BDS which is not less than the required percentage of the total contract price in accordance with the following schedule:**

Form of Performance Security	Amount of Performance Security (Not less than the required 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%)

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 Procuring Entity shall initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until the Lowest Calculated and Responsive Bid is identified and selected for 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.

33. Notice to Proceed

1. Within **seven (7)** calendar days from the date of approval of the Contract by the appropriate government approving authority, the Procuring Entity shall issue its Notice to Proceed **together with a copy or copies of the approved contract** to the **successful** Bidder.
2. **The Procuring Entity, through the BAC Secretariat, shall post a copy of the Notice to Proceed and the approved contract in the PhilGEPS and the website of the Procuring Entity, if any, within fifteen (15) calendar days from the issuance of the Notice to Proceed.**

34. Protest Mechanism

Decision of the procuring entity's BAC at any stage of the procurement process may be questioned in accordance with Section 55 of the 2016 Revised Implementing Rules and Regulations of Republic Act 9184.

Name of the Procuring Entity : **Kalinga State University**
Contract Reference Number : **IB 2016-01-06**
Name of the Contract : **Construction/Repair/Rehabilitation of Academic Buildings**
Locations of the Contract : **KSU Campuses in Bulanao and Dagupan in the City of Tabuk
and Rizal Campus in the Municipality of Rizal Kalinga**



Section III. Bid Data Sheet

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Bid Data Sheet

ITB Clause																																																	
1	The PROCURING ENTITY is: <p style="text-align: center;">KALINGA STATE UNIVERSITY (KSU).</p> The name of the Contract is: <p style="text-align: center;">CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS</p> The identification number of the Contract is IB 2016-01-06.																																																
1.1	The Funding Source is: <p style="text-align: center;">General Appropriations Act CY 2016 through Capital Outlay in the amount of Fifteen Million, Eight Hundred Eleven Thousand, One Hundred Sixty-three Philippine Pesos and Twenty-six Centavos (Php 15,811,163.26).</p> The name of the Project is: <p style="text-align: center;">CONSTRUCTION/REPAIR/REHABILITATION OF the following ACADEMIC BUILDINGS, to wit:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="width: 70%;">Lot #/ Titles of Project</th> <th style="width: 15%;">Approved Budget</th> <th style="width: 15%;">Contract Duration</th> </tr> </thead> <tbody> <tr><td>1. Repair of Comfort Room at CAF Building Left Wing</td><td style="text-align: right;">204,102.36</td><td style="text-align: center;">31</td></tr> <tr><td>2. Repair of Comfort Room at CAF Building Right Wing</td><td style="text-align: right;">64,895.72</td><td style="text-align: center;">13</td></tr> <tr><td>3. Repair of KSU High School Laboratory Building</td><td style="text-align: right;">1,556,612.28</td><td style="text-align: center;">85</td></tr> <tr><td>4. Various Repairs of Agricultural Technology Building</td><td style="text-align: right;">817,815.53</td><td style="text-align: center;">68</td></tr> <tr><td>5. Repair of CTE Building</td><td style="text-align: right;">1,479,691.19</td><td style="text-align: center;">89</td></tr> <tr><td>6. Various Repairs of CAF Laboratory Building</td><td style="text-align: right;">1,163,525.94</td><td style="text-align: center;">103</td></tr> <tr><td>7. Various Repairs of CBAE Building</td><td style="text-align: right;">69,585.38</td><td style="text-align: center;">10</td></tr> <tr><td>8. Various Repairs of CLA Building</td><td style="text-align: right;">145,373.40</td><td style="text-align: center;">25</td></tr> <tr><td>9. Various Repairs of Forestry Building</td><td style="text-align: right;">797,849.09</td><td style="text-align: center;">72</td></tr> <tr><td>10. Various Repairs at TECHVOC 1 Building</td><td style="text-align: right;">449,531.15</td><td style="text-align: center;">40</td></tr> <tr><td>11. Various Repairs at TECHVOC 2 Building</td><td style="text-align: right;">363,694.72</td><td style="text-align: center;">38</td></tr> <tr><td>12. Construction of Engineering Building – Phase IV</td><td style="text-align: right;">1,310,948.65</td><td style="text-align: center;">84</td></tr> <tr><td>13. Construction of Rizal Campus Library Building – Phase V</td><td style="text-align: right;">6,173,988.06</td><td style="text-align: center;">176</td></tr> <tr><td>14. Construction of HRM Building – Phase IV</td><td style="text-align: right;">1,213,549.79</td><td style="text-align: center;">67</td></tr> <tr> <td style="text-align: center;">Grand-total of ABC</td> <td style="text-align: right;">15,811,163.26</td> <td style="text-align: center;">10-176 CD</td> </tr> </tbody> </table>	Lot #/ Titles of Project	Approved Budget	Contract Duration	1. Repair of Comfort Room at CAF Building Left Wing	204,102.36	31	2. Repair of Comfort Room at CAF Building Right Wing	64,895.72	13	3. Repair of KSU High School Laboratory Building	1,556,612.28	85	4. Various Repairs of Agricultural Technology Building	817,815.53	68	5. Repair of CTE Building	1,479,691.19	89	6. Various Repairs of CAF Laboratory Building	1,163,525.94	103	7. Various Repairs of CBAE Building	69,585.38	10	8. Various Repairs of CLA Building	145,373.40	25	9. Various Repairs of Forestry Building	797,849.09	72	10. Various Repairs at TECHVOC 1 Building	449,531.15	40	11. Various Repairs at TECHVOC 2 Building	363,694.72	38	12. Construction of Engineering Building – Phase IV	1,310,948.65	84	13. Construction of Rizal Campus Library Building – Phase V	6,173,988.06	176	14. Construction of HRM Building – Phase IV	1,213,549.79	67	Grand-total of ABC	15,811,163.26	10-176 CD
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3.1	No further instructions.																																																
4.2	Failure to comply with the provision of Section 47, 2016 IRR of RA 9184 or the Disclosure of Relations shall be a ground for the automatic disqualification of the bid in consonance with Section 30 of this IRR. For this reason, relation to the aforementioned persons within the third civil degree of consanguinity or affinity shall automatically disqualify the bidder from participating in the procurement of contracts of the Kalinga State University notwithstanding the act of such persons inhibiting themselves from the procurement process. (SF-INFR-14)																																																
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5.2	Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.																																																
5.4	The prospective bidder must have completed an 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. For this purpose, similar contracts shall refer to prospective bidder's previous building project, which has the same major categories of work like construction of buildings projects , and at least 50% of the ABC of the project to be bid based on the value of the previous completed contract, as adjusted to current prices using the PSA consumer price index.																																																



5.5	<p>The NFCC's K factor shall be fixed at 15, regardless of contract duration .</p> <p>The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.</p>
6.2	<p>On bidder's Responsibilities, the Bidder is responsible for the following:</p> <p>6.2(h). Ensuring that the signatory is the duly authorized representative of the prospective 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. (SF-INFR-39/40)</p> <p>6.2(k). 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 government in relation to any procurement project or activity.</p>
8.1	Subcontracting is not allowed.
8.2	Not applicable.
9.1	<p>The Procuring Entity will hold a Pre-Bid Conference for this Project on November 23, 2016 (Wednesday), 10:00 AM at the Conference Hall, Administration Building, Kalinga State University-Main Campus, National Road, Purok 6, Bulanao, Tabuk City, Kalinga.</p> <p>The Pre-Bid Conference is open to prospective bidders but attendance is not mandatory (Sec. 22.3, 2016 IRR of RA 9184). The owner and authorized technical representative are encouraged to attend and to raise their concerns or clarifications stipulated in this bidding document regarding the project to be bid. (SF-INFR-52)</p> <p>NOTE: Kalinga State University is not yet capable to hold Pre-bid conference through electronic means like videoconferencing, webcasting, or similar technology, or a combination thereof.</p>
10.1	<p>The Procuring Entity's address is:</p> <p>Kalinga State University - Main Campus National Road, Purok 6, Bulanao, Tabuk City, Kalinga 3800 Ronaldo B. Daluping, BAC Secretariat, Contact No. 0917-774-4185 E-mail address: ksu_bac@yahoo.com</p>
10.3	Any Supplemental/Bid Bulletin shall be posted at the PhilGEPS and KSU websites, and conspicuous place of the University. Bidders are encouraged to inquire and secure copy/ies to the BAC Office.
11	<p>Language of Bids:</p> <p>In the preparation of bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Entity, shall be written in English.</p> <p>If the documents submitted are in a foreign language other than English, it must be accompanied by a translation of documents in English by any of the following:</p> <ul style="list-style-type: none"> ✓ relevant foreign government agency; ✓ the foreign government agency authorized to translate documents, or ✓ a registered translator in the foreign bidder's country.
12.1	<p>All bidders are required to submit their PhilGEPS Certificate of Registration of Membership under Platinum category during eligibility check or bid submission, as the case may, in lieu of the following Class "A" Documents uploaded and maintained current and updated in the PhilGEPS in accordance with Section 8.5.2 of the 2016 Revised IRR of RA 9184:</p> <ul style="list-style-type: none"> a) Registration Certificate including PhilGEPS; b) Mayor's/Business Permit or its Equivalent Document; c) Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR; d) Philippine Contractors Accreditation Board (PCAB) license and registration; and e) Audited Financial Statements. <p>NOTE: Pursuant to GPPB Circular 03-2016, dated October 27, 2016, the implementation of the above provision IS DELAYED FROM OCTOBER 28, 2016 UNTIL APRIL 30, 2017, hence the above 5 eligibility documents shall be submitted as per Checklist.</p>



12.1(a)(i.1)	No other acceptable proof of registration is recognized.
12.1(a)(iii)	<p>EO 398 specifically requires the submission of Tax Clearance issued by the BIR. It refers to the clearance issued by the Collection Enforcement Division of BIR attesting that the bidder has no outstanding Final Assessment Notice and/or delinquent account.</p> <p>Hence, submission of tax clearance of the previous year and application for tax clearance cannot be considered as compliance.</p> <p>NOTE: Another required relevant document is the Taxpayer's Identification number or VAT registration for the type & cost of contract to be bid. (SF-INFR-12)</p>
12.1(a)(iv)&(v)	<p>Both statement, ITB 12.1(a)(iv) and (ITB 12.1(a)(v) shall include, for each contract, the following information:</p> <ol style="list-style-type: none"> 1. name of the contract; 2. date of the contract; 3. contract duration; 4. owner's name and address; 5. nature of work; 6. contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation; 7. total contract value at award; 8. date of completion or estimated completion time; 9. total contract value at completion, if applicable; 10. percentages of planned and actual accomplishments, if applicable; 11. value of outstanding works, if applicable; 12. the statement shall be supported by the notices of award and/or notices to proceed issued by the owners; and 13. the statement shall be supported by the Owner's Certificate of Final Acceptance or the Certificate of Completion and, whenever applicable, the Constructors Performance Evaluation Summary (CPES) Final Rating, which must be satisfactory;
12.1(a)(vi)	<p>The prospective bidder shall submit an authenticated photocopy of PCAB License as Size Range MEDIUM A, License Category B (refer to PCAB Circular No. 001, Series of 2009 attached on this Bid Document).</p> <p>NOTE: A valid PCAB license should be valid at the time of the deadline for the submission and opening of bids, otherwise is a ground for the prospective bidder's disqualification. (NPM 71-2013).</p>
12.1(a)(ix)	<p>Each partner of the joint venture shall submit his or her respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of this IRR. 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 of its ongoing contracts and Audited Financial Statements.</p> <p>Note: Submission of a duly notarized statement is not applicable.</p>
13.1	<p>The Bidder shall submit the following Financial Documents arranged, numbered and tabbed as enumerated below.</p> <ol style="list-style-type: none"> a. Financial Bid Form (lump sum bid prices), which shall include the detailed engineering cost, in accordance with the form prescribed in Section IX. Bidding Form; b. Bid prices in Bill of Quantities in the prescribed Bid Form. Bid Prices should be supported by signed detailed estimates with corresponding prices. (SF-INFR-55) c. Detailed estimates of project including a summary sheet indicating the unit prices of construction materials, labor rates and equipment rentals used in coming up with the Bid; and d. Cash Flow by quarter and payments schedule. (SF-INFR-56).
13.2(a)	<p>The ABC is Fifteen Million, Eight Hundred Eleven Thousand, One Hundred Sixty-three Philippine Pesos and Twenty-six Centavos (PhP 15,811,163.26).</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.
17.1	Bids will be valid until one hundred twenty (120) calendar days from the Opening of Bids.
18.1	<p>The bid security shall be a Bid Securing Declaration, or at least one (1) other form in accordance with the following amount:</p> <ol style="list-style-type: none"> 1. <u>Php 316,223.27</u>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit (2% of ABC); or 2. <u>Php 790,558.16</u>, if bid security is in Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security (5% of ABC). <p>NOTES:</p> <ol style="list-style-type: none"> 1. Bidders have the option to choose their preferred form of bid security (Sec. 27.2, 2016 IRR of RA 9184). 2. Surety Bond posted as bid security must comply with the following minimum requirements: <ol style="list-style-type: none"> a. Posted in favor of the item subject for procurement of the procuring entity concerned; b. Callable on demand; c. Issued by a reputable insurance or surety company, including the Government Security Insurance Commission; d. Equivalent to at least five percent (5%) of the Approved Budget of the Contract, in accordance with the schedule provided under Section 27 of the 2016 IRR of R.A. 9184; e. Valid for a period of at least one hundred twenty (120) calendar days pursuant to Section 28 of the IRR of R.A. 9184; and f. Accompanied by Certification from Insurance Commission that issuer (surety or insurance company) is specifically authorized to issue surety bonds.
18.2	The bid security shall be valid until one hundred twenty (120) calendar days from the opening of bids.
20	Unsealed or unmarked bid envelopes shall be rejected. However, bid envelopes that are not properly sealed and marked, as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening. (Sec. 25.9, 2016 IRR of RA 9184).
20.3	<p>Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid arranged with Tabbing and with Table of Contents as per Checklist. Technical and Legal Documents should be properly tabbed.</p> <p>NOTE: The mother envelope must be wrapped in a black plastic bag when dropping in the KSU Bid Box located in front of the BAC Office, 2/F Admin Bldg., Main Campus.</p>
21	<p>The deadline for submission of bids is: December 5, 2016 @ 10:00 AM.</p> <p>The address for submission of bids is :</p> <p style="text-align: center;">Dr. Raymond E. Balbin Chairman, Bids and Awards Committee Kalinga State University – Main Campus National Road, Purok 6, Bulanao, Tabuk City, Kalinga</p> <p>NOTE: Date of submission should not be later than the above-mentioned period which is also the last day of posting of the Invitation to Bid (Sec. 25.4) (Sec. 25.5, 2016 IRR of RA 9184)</p>
22	Late bids shall not be accepted by the BAC. 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.
24.1	<p>The place of bid opening is:</p> <p style="text-align: center;">Conference Hall, Administration Building Kalinga State University – Main Campus National Road, Purok 6, Bulanao, Tabuk City, Kalinga</p>



	<p>The date and time of bid opening is: December 5, 2016 @ 10:01 AM</p> <p>NOTE: 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) cd from the date of the bid opening. (Sec. 25.7, 2016 IRR of RA 9184).</p>
24.2	No further instructions.
25	<p>NOTES: The “no contact” rule applies only to those whose bids are being evaluated by the BAC after passing the preliminary examination until the issuance of Notice of Award.</p> <p>Observers are also covered by this rule.</p> <p>Bidders who waived their right to utilize the protest mechanism or those whose request for reconsideration and/or protest were subsequently denied are not covered by the prohibition under Sec. 32.1 of RA 9184 IRR. (NPM 07-2013)</p>
27.3(b)	Bid modification is allowed in case of arithmetical corrections only.
27.4	No further instructions.
28	Post Qualification is completed in not more than 7-cd 12 cd, or up to 30-cd 45 cd in exceptional cases, upon approval of the HOPE.
28.1	<p>For Infrastructure Projects, BAC shall check:</p> <ul style="list-style-type: none"> a) Negative slippage of at least 15% in any one project or a negative slippage of at least 10% in each of 2 or more contracts; b) Failure of the contractor to commence repair works on ongoing contracts in accordance with Section 34.3 c) Failure of the contractor to commence repair works on contracts with pending certificates of acceptance in accordance with Sec. 34.3 d) Substandard quality of work or unsatisfactory performance at the time of inspection.
28.2	Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the bidder for award. Should there be a finding against the veracity of any of the documents submitted, the Bid Security shall be forfeited in accordance with Sec. 69 of the 2016 IRR of RA 9184.
28.2(a)	<p>Only tax returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted.</p> <p>NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.</p>
28.5	In case of post-disqualification of the LCB, the BAC shall be given the same fresh period to conduct the post-qualification of the next lowest calculated bid. (Sec. 34.8, 2016 IRR of RA 9184)
28.6	The HOPE has 7-cd 15 cd to decide whether to approve or disapprove the recommendation.
30	The BAC shall notify all other bidders, in writing, of its recommendation to HOPE of award of contract to LCRB within 3 cd from the issuance of the resolution recommending award. (Sec. 37.1.1, 2016 IRR of RA 9184) (SF-INFR-66):
31	When required, the approving higher authority (the Board of Regents) or his duly authorized representative shall be given a maximum of 15-cd 20 cd from receipt to approve or disapprove the contract.
31.4(f)	<p>List of additional contract documents relevant to the Project as required by existing laws and/or the Kalinga State University which include the following:</p> <ol style="list-style-type: none"> 1. Construction Schedule and S-curve (SF-INFR-41) 2. Manpower Utilization schedule (SF-INFR-42) 3. Construction methods (SF-INFR-43) 4. Organizational Chart for the contract to bid (SF-INFR-44)



	<ol style="list-style-type: none"> 5. Contractor's Letter-Certificate to Kalinga State University <u>(SF-INFR-45)</u> 6. Key Personnel's Certificate of Employment <u>(SF-INFR-46)</u> 7. Key Personnel's Bio-data <u>(SF-INFR-47)</u> 8. List of Construction personnel (viz., Project Manager, Project Engineers, Materials Engineers, Safety Officers & Foremen) to be assigned to the contract to be bid, with their complete qualification & experience data <u>(SF-INFR-48)</u> 9. Statement of Availability of Key Personnel and Equipment <u>(SF-INFR-18)</u> 10. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by Proof of Ownership or Certification of Availability of Equipment from the equipment lessor/vendor for the duration of the project <u>(SF-INFR-49)</u> 11. Equipment utilization schedule <u>(SF-INFR-50)</u> 12. Affidavit of Site Inspection <u>(SF-INFR-51)</u> 13. Construction safety and health program approved by the Department of Labor and Employment <u>(SF-INFR-52)</u> 14. Program Evaluation and Review/Critical Path Method (PERT/CPM) or other tools of project scheduling 15. Omnibus Sworn Statement <u>(see Form on this Bid Document)</u> 16. Affidavit of Disclosure of No Relationship <u>(SF-INFR-14)</u>
32.2	<p>The performance security shall be in the following amount:</p> <ol style="list-style-type: none"> 1. The amount of PhP 1,581,116.33 if performance security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank (Not less than 10% of the Total Contract, or 2. The amount of PhP 4,743,348.98 if Performance Security is in Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security (Not less than 30% of the Total Contract Price).
33	<p>NOTES:</p> <ol style="list-style-type: none"> 1. The Kalinga State University shall issue the Notice to Proceed (NTP) together with a copy or copies of the approved contract to the successful bidder within <u>7 cd</u> from the date of approval of the contract by the appropriate government approving authority. 2. All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful bidder. 3. The BAC Sec shall post the NTP and the approved contract in the PhilGEPS and PE's websites within 15 cd from the issuance of the NTP.



Section IV. General Conditions of Contract



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1. 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 Procuring Entity and the Contractor to resolve disputes in the first instance, as provided for in **GCC** Clause 16.21.
- 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 Procuring Entity's Representative, in accordance with **GCC** Clause 16.49.
- 1.4. The **Contract** is the contract between the Procuring Entity and the Contractor to execute, complete, and maintain the Works.
- 1.5. The **Contract Price** is the price stated in the Letter of Acceptance and thereafter to be paid by the Procuring Entity to the Contractor for the execution of the Works in accordance with this Contract.
- 1.6. **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.
- 1.7. The **Contractor** is the juridical entity whose proposal has been accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded.
- 1.8. The **Contractor's Bid** is the signed offer or proposal submitted by the Contractor to the Procuring Entity in response to the Bidding Documents.
- 1.9. **Days** are calendar days; months are calendar months.
- 1.10. **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.
- 1.11. A **Defect** is any part of the Works not completed in accordance with the Contract.
- 1.12. The **Defects Liability Certificate** is the certificate issued by Procuring Entity's Representative upon correction of defects by the Contractor.
- 1.13. 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.
- 1.14. **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.
- 1.15. **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.
- 1.16. 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 Procuring Entity's Representative by issuing an extension of time or an acceleration order.
- 1.17. **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- 1.18. The **Notice to Proceed** is a written notice issued by the Procuring Entity or the Procuring Entity's Representative to the Contractor requiring the latter to begin the commencement of the work not later than a specified or determinable date.
- 1.19. **Performance Specifications and Parameters**. The procuring entity shall define the required performance specifications and criteria and its means of measurement based on the operating outputs and in accordance with appropriate design and construction standards, legal and technical obligations and any other relevant government commitments as required by existing laws and regulations. It shall not be drawn up to favor a particular solution, design and construction method.



- 1.20. **Permanent Works** 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 Procuring Entity 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 **Procuring Entity** is the party who employs the Contractor to carry out the Works stated in the **SCC**.
- 1.23. The **Procuring Entity's Representative** refers to the Head of the Procuring Entity 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 Procuring Entity 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 Procuring Entity'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 Procuring Entity, 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. **Terms of Reference** describe the purpose and structure of a project. They define the following: objectives, scope and deliverables of the project (i.e. what has to be achieved); the stakeholders, roles and responsibilities (i.e. who will take part in it); the resources, performance parameters and requirements, financial and quality plans (i.e. how it will be achieved); and the work breakdown structure and schedule (i.e. when it will be achieved) - from www.wikipedia.org.
- 1.32. **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 Procuring Entity's Representative; (iii) and the carrying out of all duties and obligations of the Contractor imposed by this Contract as described in the **SCC**.

2. Interpretation

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 Procuring Entity's Representative will provide instructions clarifying queries about the Conditions of Contract.
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).



3. Governing Language and Law

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.
2. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

4. 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.

5. Possession of Site

1. On the date specified in the **SCC**, the Procuring Entity 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 Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
2. If possession of a portion is not given by the date stated in the **SCC** Clause 1, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay shall be in accordance with **GCC** Clause 47.
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.
4. The Contractor shall allow the Procuring Entity's Representative and any person authorized by the Procuring Entity'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.

6. The Contractor's Obligations

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 Procuring Entity.
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 Procuring Entity's Representative, and complete them by the Intended Completion Date.
3. The Contractor shall be responsible for the safety of all activities on the Site.
4. The Contractor shall carry out all instructions of the Procuring Entity's Representative that comply with the applicable laws where the Site is located.
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 Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.
6. If the Procuring Entity'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.



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.
8. The Contractor shall submit to the Procuring Entity for consent the name and particulars of the person authorized to receive instructions on behalf of the Contractor.
9. The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Procuring Entity 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 Procuring Entity may modify the schedule of other contractors, and shall notify the Contractor of any such modification thereto.
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 Procuring Entity. The Contractor shall notify the Procuring Entity's Representative of such discoveries and carry out the Procuring Entity's Representative's instructions in dealing with them.

7. Performance Security

1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the Contractor shall furnish the performance security in any the forms prescribed in **ITB** Clause 1.32.1.
2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the Contractor is in default in any of its obligations under the Contract.
3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
4. The performance security may be released by the Procuring Entity 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 Procuring Entity;
 - (b) The Contractor has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the **SCC**.
5. The Contractor shall post an additional performance security following the amount and form specified in **ITB** Clause 1.32.1 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.
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 Procuring Entity the use of which, in the judgment of the implementing agency or the Procuring Entity, will not affect the structural integrity of the entire project, the Procuring Entity 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.
7. Unless otherwise indicated in the **SCC**, the Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity 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.



8. Subcontracting

1. Unless otherwise indicated in the **SCC**, the Contractor cannot subcontract Works more than the percentage specified in **ITB** Clause 1.8.1.
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.
3. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract, subject to compliance with the required qualifications and the approval of the Procuring Entity.

9. Liquidated Damages

1. The Contractor shall pay liquidated damages to the Procuring Entity 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 Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this Contract, the Procuring Entity shall rescind this Contract, without prejudice to other courses of action and remedies open to it.
2. If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer of the Procuring Entity shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in **GCC** Clause 40.3.

10. 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.

11. The Procuring Entity, Licenses and Permits

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

12. Contractor's Risk and Warranty Security

1. The Contractor shall assume full responsibility for the Works from the time project construction commenced up to final acceptance by the Procuring Entity 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.
2. The defects liability period for infrastructure projects shall be one year from contract completion up to final acceptance by the Procuring Entity. 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 Procuring Entity has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the Procuring Entity shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.
3. Unless otherwise indicated in the **SCC**, in case the Contractor fails to comply with the preceding paragraph, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.



4. After final acceptance of the Works by the Procuring Entity, 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) Procuring Entity’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.
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 Procuring Entity.
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	Minimum Amount in 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%)



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 Procuring Entity, and returned only after the lapse of said one year period.
8. In case of structural defects/failure occurring during the applicable warranty period provided in **GCC** Clause 5, the Procuring Entity 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 Procuring Entity.

13. 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.

14. Procuring Entity's Risk

1. From the Start Date until the Certificate of Final Acceptance has been issued, the following are risks of the Procuring Entity:
 - (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 Procuring Entity after the official acceptance of the works; or
 - (ii) negligence, breach of statutory duty, or interference with any legal right by the Procuring Entity 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 Procuring Entity or in the Procuring Entity's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

15. Insurance

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.
2. The Contractor shall provide evidence to the Procuring Entity'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 Procuring Entity's Representative. Such evidence and such policies shall be provided to the Procuring Entity's through the Procuring Entity's Representative.
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 Procuring Entity'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 Procuring Entity's Representative.
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 Procuring Entity 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 Procuring Entity 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 Procuring Entity exercising its right to impose other sanctions against the Contractor pursuant to the provisions of this Contract.

5. In the event the Contractor fails to observe the above safeguards, the Procuring Entity 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 Procuring Entity may refuse to make the payments under **GCC Clause 40** until the Contractor complies with this Clause.
6. The Contractor shall immediately replace the insurance policy obtained as required in this Contract, without need of the Procuring Entity's demand, with a new policy issued by a new insurance company acceptable to the Procuring Entity 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.

16. Termination for Default of Contractor

1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attend its implementation:
2. 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;
3. 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
4. The Contractor:
 - (a) abandons the contract Works, refuses or fails to comply with a valid instruction of the Procuring Entity or fails to proceed expeditiously and without delay despite a written notice by the Procuring Entity;
 - (b) 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;
 - (c) does not execute the Works in accordance with this Contract or persistently or flagrantly neglects to carry out its obligations under this Contract;
 - (d) neglects or refuses to remove materials or to perform a new Work that has been rejected as defective or unsuitable; or
 - (e) sub-lets any part of this Contract without approval by the Procuring Entity.
5. All materials on the Site, Plant, Equipment, and Works shall be deemed to be the property of the Procuring Entity if this Contract is rescinded because of the Contractor's default.



17. Termination for Default of Procuring Entity

The Contractor may terminate this Contract with the Procuring Entity 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 Procuring Entity 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.

18. Termination for Other Causes

1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The Head of the Procuring Entity may terminate this Contract for the convenience of the Procuring Entity 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.
2. The Procuring Entity or the Contractor may terminate this Contract if the other party causes a fundamental breach of this Contract.
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 Procuring Entity's Representative;
 - (b) The Procuring Entity'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 Procuring Entity 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 Procuring Entity and/or the Contractor. In the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Entity instructs in the notice is to be used until the completion of the Works;
 - (d) A payment certified by the Procuring Entity's Representative is not paid by the Procuring Entity to the Contractor within eighty four (84) days from the date of the Procuring Entity's Representative's certificate;
 - (e) The Procuring Entity'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 Procuring Entity'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 9; and
 - (h) In case it is determined prima facie by the Procuring Entity that the Contractor has engaged, before or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to, 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.
4. The Funding Source or the Procuring Entity, 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.
5. When persons from either party to this Contract gives notice of a fundamental breach to the Procuring Entity's Representative in order to terminate the existing contract for a cause other than those listed under **GCC** Clause 3, the Procuring Entity's Representative shall decide whether the breach is fundamental or not.
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.

19. Procedures for Termination of Contracts

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 Procuring Entity 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 Procuring Entity, the Head of the Procuring Entity 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 Procuring Entity, 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 Procuring Entity 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 Procuring Entity shall issue an order terminating the contract;
 - (d) The Procuring Entity may, at anytime before receipt of the Bidder'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 Procuring Entity 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 Procuring Entity 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 Procuring Entity.
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.



20. Force Majeure, Release from Performance

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.
2. If this Contract is discontinued by an outbreak of war or by any other event entirely outside the control of either the Procuring Entity or the Contractor, the Procuring Entity’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.
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.
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 Procuring Entity is entitled.
5. The net balance due shall be paid or repaid within a reasonable time period from the time of the notice of termination.

21. Resolution of Disputes

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.
2. If the Contractor believes that a decision taken by the PROCURING ENTITY’s Representative was either outside the authority given to the PROCURING ENTITY’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 PROCURING ENTITY’s Representative’s decision.
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.

22. Suspension of Loan, Credit, Grant, or Appropriation

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

- (a) The Procuring Entity 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 Procuring Entity’s Representative, the Contractor may immediately issue a suspension of work notice in accordance with **GCC** Clause 45.2.



23. Procuring Entity's Representative's Decisions

1. Except where otherwise specifically stated, the Procuring Entity's Representative will decide contractual matters between the Procuring Entity and the Contractor in the role representing the Procuring Entity.
2. The Procuring Entity'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.

24. Approval of Drawings and Temporary Works by the Procuring Entity's Representative

1. All Drawings prepared by the Contractor for the execution of the Temporary Works, are subject to prior approval by the Procuring Entity's Representative before its use.
2. The Contractor shall be responsible for design of Temporary Works.
3. The Procuring Entity's Representative's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
4. The Contractor shall obtain approval of third parties to the design of the Temporary Works, when required by the Procuring Entity.

25. Acceleration and Delays Ordered by the Procuring Entity's Representative

1. When the Procuring Entity wants the Contractor to finish before the Intended Completion Date, the Procuring Entity's Representative will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the Procuring Entity and the Contractor.
2. If the Contractor's Financial Proposals for an acceleration are accepted by the Procuring Entity, they are incorporated in the Contract Price and treated as a Variation.

26. Extension of the Intended Completion Date

1. The Procuring Entity'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.
2. The Procuring Entity'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 Procuring Entity'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.

27. Right to Vary

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



28. 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.

29. Dayworks

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 Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.
2. All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Procuring Entity's Representative. Each completed form shall be verified and signed by the Procuring Entity's Representative within two days of the work being done.
3. The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

30. Early Warning

1. The Contractor shall warn the Procuring Entity'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 Procuring Entity'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.
2. The Contractor shall cooperate with the Procuring Entity'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 Procuring Entity's Representative.

31. Program of Work

1. Within the time stated in the **SCC**, the Contractor shall submit to the Procuring Entity's Representative for approval a Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works.
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.
3. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the PROCURING ENTITY's Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.
4. The Procuring Entity'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 Procuring Entity's Representative again at any time. A revised Program of Work shall show the effect of any approved Variations.
5. When the Program of Work is updated, the Contractor shall provide the Procuring Entity'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.
6. All Variations shall be included in updated Program of Work produced by the Contractor.



32. Management Conferences

1. Either the Procuring Entity'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.
2. The Procuring Entity's Representative shall record the business of Management Conferences and provide copies of the record to those attending the Conference and to the Procuring Entity. The responsibility of the parties for actions to be taken shall be decided by the PROCURING ENTITY's Representative either at the Management Conference or after the Management Conference and stated in writing to all who attended the Conference.

33. Bill of Quantities

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.
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.
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 Procuring Entity's Representative shall make the necessary adjustments to allow for the changes subject to applicable laws, rules, and regulations.
4. If requested by the Procuring Entity's Representative, the Contractor shall provide the Procuring Entity's Representative with a detailed cost breakdown of any rate in the Bill of Quantities.

34. Instructions, Inspections and Audits

1. The Procuring Entity'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.
2. If the Procuring Entity'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.
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.

35. Identifying Defects

The Procuring Entity'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 Procuring Entity's Representative may instruct the Contractor to search uncover defects and test any work that the Procuring Entity's Representative considers below standards and defective.

36. 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.



37. Correction of Defects

1. The Procuring Entity'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 Procuring Entity's.
2. Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified in the Procuring Entity's Representative's notice.
3. The Contractor shall correct the defects which he notices himself before the end of the Defects Liability Period.
4. The Procuring Entity shall certify that all defects have been corrected. If the Procuring Entity 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 Procuring Entity accepts the quotation, the corresponding change in the SCC is a Variation.

38. Uncorrected Defects

1. The Procuring Entity 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 Procuring Entity may have the Defect corrected by the third party. The cost of the correction will be deducted from the Contract Price.
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.

39. Advance Payment

1. The Procuring Entity shall, upon a written request of the contractor which shall be submitted as a contract document, make an advance payment to the contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum or, at the most two, installments according to a schedule specified in the **SCC**.
2. The advance payment shall be made only upon the submission to and acceptance by the Procuring Entity 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 Procuring Entity.
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.
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.
5. The Procuring Entity 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 1.

40. Progress Payments

1. The Contractor may submit a request for payment for Work accomplished. Such request for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.
2. The Procuring Entity 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.
3. Payments shall be adjusted by deducting therefrom the amounts for advance payments and retention. The Procuring Entity shall pay the Contractor the amounts certified by the Procuring Entity'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 Procuring Entity.
 4. The first progress payment may be paid by the Procuring Entity to the Contractor provided that at least twenty percent (20%) of the work has been accomplished as certified by the Procuring Entity's Representative.
 5. Items of the Works for which a price of "0" (zero) has been entered will not be paid for by the Procuring Entity and shall be deemed covered by other rates and prices in the Contract.

41. Payment Certificates

1. The Contractor shall submit to the Procuring Entity's Representative monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
2. The Procuring Entity's Representative shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
3. The value of Work executed shall:
 - (a) be determined by the Procuring Entity'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.
4. The Procuring Entity'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.

42. Retention

1. The Procuring Entity shall retain from each payment due to the Contractor an amount equal to a percentage thereof using the rate as specified in **ITB** Sub-Clause 2.
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 Procuring Entity, 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.
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 Procuring Entity, 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 Procuring Entity 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.
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 Procuring Entity.



43. Variation Orders

1. Variation Orders may be issued by the Procuring Entity 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 Procuring Entity 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.
2. A Change Order may be issued by the Procuring Entity to cover any increase/decrease in quantities of original Work items in the contract.
3. An Extra Work Order may be issued by the Procuring Entity 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.
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 Procuring Entity 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%).
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 Procuring Entity’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 Procuring Entity for approval.
 - (b) The Head of the Procuring Entity or his duly authorized representative, upon receipt of the proposed Change Order or Extra Work Order shall immediately instruct the technical staff of the Procuring Entity’s to conduct an on-the-spot investigation to verify the need for the Work to be prosecuted. A report of such verification shall be submitted directly to the Head of the Procuring Entity or his duly authorized representative.



- (c) The Head of the Procuring Entity or his duly authorized representative, after being satisfied that such Change Order or Extra Work Order is justified and necessary, shall review the estimated quantities and prices and forward the proposal with the supporting documentation to the Head of Procuring Entity for consideration.
- (d) If, after review of the plans, quantities and estimated unit cost of the items of work involved, the proper office of the procuring entity empowered to review and evaluate Change Orders or Extra Work Orders recommends approval thereof, Head of the Procuring Entity or his duly authorized representative, believing the Change Order or Extra Work Order to be in order, shall approve the same.
- (e) The timeframe for the processing of Variation Orders from the preparation up to the approval by the Head of the Procuring Entity concerned shall not exceed thirty (30) calendar days.

44. Contract Completion

Once the project reaches an accomplishment of ninety five (95%) of the total contract amount, the Procuring Entity 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 Procuring Entity for liquidated damages.

45. Suspension of Work

1. The Procuring Entity 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 Procuring Entity 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.
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 Procuring Entity 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 procuring entity's authorized representative that the documents are complete unless there are justifiable reasons thereof which shall be communicated in writing to the Contractor.



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 effective order of suspending operation and the order to resume work shall be allowed the Contractor by adjusting the contract time accordingly.

46. Payment on Termination

1. If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Procuring Entity'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 Procuring Entity exceeds any payment due to the Contractor, the difference shall be a debt payable to the Procuring Entity.
2. If the Contract is terminated for the Procuring Entity's convenience or because of a fundamental breach of Contract by the Procuring Entity, the Procuring Entity'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.
3. The net balance due shall be paid or repaid within twenty eight (28) days from the notice of termination.
4. If the Contractor has terminated the Contract under **GCC** Clauses 17 or 18, the Procuring Entity shall promptly return the Performance Security to the Contractor.

47. Extension of Contract Time

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 Procuring Entity shall determine the amount of such extension; provided that the Procuring Entity 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 Procuring Entity 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 Procuring Entity shall examine the facts and extent of the delay and shall extend the contract time completing the contract work when, in the Procuring Entity's opinion, the findings of facts justify an extension.
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.
3. Extension of contract time may be granted only when the affected activities fall within the critical path of the PERT/CPM network.
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.
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 Procuring Entity 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 Procuring Entity, non-acquisition of permit to enter private properties within the right-of-way resulting in complete paralyzation of construction activities, and other meritorious causes as determined by the Procuring Entity's Representative and approved by the Head of the Procuring Entity. 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 Procuring Entity for consideration and the validity of the Performance Security shall be correspondingly extended.

48. Price Adjustment

Except for extraordinary circumstances as determined by NEDA and approved by the GPPB, no price adjustment 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.

49. Completion

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

50. Taking Over

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

51. As Built Drawings / Operating and Maintenance Manuals

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**.
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 Procuring Entity's Representative's approval, the Procuring Entity's Representative shall withhold the amount stated in the **SCC** from payments due to the Contractor.



Section V. Special Conditions of Contract



Special Conditions of Contract

GCC Clause	
1.16	The Intended Completion Date is from ten (10) to one hundred seventy-six (176) Calendar Days depending on project per lot , from the date of confirmation of the Notice to Proceed.
1.22	The Procuring Entity is: Kalinga State University (KSU)
1.23	The KSU's Representative is: DR. EDUARDO T. BAGTANG , University President
1.24	The Site is located at the KSU Main Campus, Bulanao, Tabuk City, Kalinga
1.28	The Start Date is within seven (7) calendar days from the date of approval of the contract by appropriate government approving authority and upon acceptance of the Notice to Proceed by the successful bidder.
1.32	The Works consist of the provision of Construction services. For details, please refer to Terms and Reference (under Section VI. Specifications)
2.2	Refer to Terms and Reference (under Section VI. Specifications)
5.1	The Kalinga State University shall give possession of all parts of the Site to the Contractor on the actual start date.
6.5	The Contractor shall employ the following Key Personnel : <i>refer to Terms of Reference attached:</i> Project Manager/Coordinator Site Engineer / Architectural Engineer Project Civil Engineer/ Structural Engineer Professional/Registered Electrical Engineer Sanitary Engineer/Master Plumber Occupational Safety and Health Officer Foreman <i>Indicate List of key personnel by name and designation</i>
7.4(c)	No further instructions.
7.7	No further instructions.
8.1	No further instructions.
10	The site investigation reports are: <i>none</i>
12.3	No further instructions.
12.5	Five (5) years.
13	All partners to the joint venture shall be jointly and severally liable to the Kalinga State University.
18.3(h)(i)	No further instructions.
21.2	The Arbiter is: THE PROPER COURT IN THE PROVINCE OF KALINGA, or the Construction Industry Arbitration Commission.
29.1	Day works are applicable at the rate shown in the Contractor's original Bid.
31.1	The Contractor shall submit the Detailed Program of Work to the Procuring Entity's Representative for approval prior to the execution of work.
31.3	No further instructions.
34.3	The Funding Source is the GAA Capital Outlay CY 2016.
39.1	The amount of the advance payment is <i>equivalent to fifteen percent (15%) of the Total Contract Price</i> to be paid in lump by the KSU.
40.1	No further instructions.
1	The date by which "as built drawing" are required is upon approval of the Variation Orders.
2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is <i>two percent (2%) of contract price.</i>



Section VI. Specifications



TERMS OF REFERENCE

CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS

BACKGROUND:

The Kalinga State University is to engage for the Construction services of a qualified construction company to construct the State **CONSTRUCTION/ REPAIR/ REHABILITATION OF ACADEMIC BUILDINGS.**

I. PROJECT DESCRIPTION

- a. **Project Name** : **CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS**
- b. **Locations** : **Kalinga State University 3 Campuses:**
 - 1. **Main Campus in Purok 6, Bulanao, Tabuk City, Kalinga**
 - 2. **Dagupan Campus in Dagupan Centro, Tabuk City, Kalinga**
 - 3. **Rizal Campus in Bagbag, Rizal, Kalinga**
- c. **Floor Area** : **14 lot (Coverage of the scope of works)**
- d. **End-User** : **Various Units/Offices**

II. OBJECTIVES OF THE TERMS OF REFERENCE (TOR)

- 2.1 To provide a background information regarding the preparation and submission of bid proposal to the Kalinga State University;
- 2.2 To provide a background information regarding the proposed project which should be handled at the lowest possible cost, acceptable quality and performance and in the shortest possible time the bidder has to offer;
- 2.3 To outline and summarize the "Scope of Work" of the Contractor that has to be performed under the terms of its contract with the Kalinga State University; and
- 2.4 To provide penalties in case of breach of the Contractor's obligations.

III. ROLE OF THE CONTRACTOR

- 3.1 The Contractor, for which this TOR applies, shall furnish necessary equipment, labor, tools, facilities and instruments for the construction of the Architectural, Structural, Electrical and Sanitary related to the project sufficient enough to perform construction services that is covered in the contract.

In this regard, the Contractor or the key personnel to be assigned must have professional experience compatible with the undertaking.



3.2 The Contractor at all times, should refer to the KSU Infrastructure Unit regarding corrections, plans and specifications, Variation orders and Quality control requirements of the project.

3.3 The Contractor shall assign its designated project engineer to prepare daily construction logbook and pouring permits which has to be approved by the KSU Infrastructure unit prior to pouring.

3.4 The Contractor shall also implement the construction activities to complete the project in accordance with the approved construction drawings and specifications and the scope of work as specified in the contract.

3.5 Construction Phase should be completed within **ten (10) to one hundred seventy-six (176) calendar days depending on project lot** from receipt of Notice to Proceed.

IV. GENERAL CONDITIONS

4.1 The Contractor shall supply labor, materials and equipment, necessary for the **Construction/Repair/Rehabilitation of Academic Buildings.**

The activities of the Contractor for the construction would include but will not be limited to the following:

4.1.1 Designate one (1) Project Engineer who shall work full time during the construction period/duration of the contract. He shall be in charge of the construction work and is expected to perform the following:

- a.** Document, schedule, oversee and monitor the day-to-day construction works.
- b.** Coordinate, address and resolve all concern/s of nearby buildings and structures relative to the construction and related services as required by LGU and other regulating agencies.
- c.** Conduct a project status meeting every Friday with the KSU Infrastructure Unit during which a progress report on all activities for the week will be submitted.

V. PROJECT IMPLEMENTATION/CONSTRUCTION

5.1 The Contractor shall carry out and complete all items of work in accordance with the approved plans and specifications.

5.1.1 ENGINEERING SUPPORT SERVICES

The Contractor shall prepare the revised major modifications / changes in the design after the approval of the proponent during the construction implementation, if any.

5.1.2 PROGRESS REPORTS

The Contractor shall prepare weekly and monthly accomplishment reports supported with progress photographs and S-Curves to monitor actual progress to be used as basis for progress billing to be submitted to the KSU Infrastructure Unit.



5.1.3 TURN-OVER OF THE COMPLETED PROJECT

The Contractor shall fully address and comply with the final punchlist to be issued by the KSU Infrastructure unit prior to the Turn-over of the completed project.

VI. POST-CONSTRUCTION DOCUMENTATION

6.1 The Contractor shall submit the following project documentations within fifteen (15) calendar days from the completion and acceptance of the project:

6.1.1 As-built Plans duly signed and sealed by the concerned engineer with his/her valid registration/professional license number, date of registration and current PTR Number affixed/stamped on every page/sheet of the document of the following:

- 6.1.1.1 Architectural
- 6.1.1.2 Floor Layout
- 6.1.1.3 Civil Design / Structural
- 6.1.1.4 Electrical
- 6.1.1.5 Sanitary/Plumbing
- 6.1.1.6 Other related Plans

6.1.2 All Plans and Documents shall be delivered in sets as follows:

6.1.2.1 One (1) set Original Copies, scaled 1:100 meters, prepared in Auto CAD 2000 Format, printed/plotted in Mylar Sepia, original copies

6.1.2.2 Five (5) sets Blue prints copies for each plan

6.1.2.3 Two (2) sets Soft Copies in CD-ROM format

6.1.3 Certificate of Occupancy (Building)

6.1.4 Other documents processed and issued in favor of the KSU during the construction periods (i.e. Inspection Reports, Building / Electrical Permits, Fire Safety Reports, Clearances, and related documents).

VII. PROVISIONS FOR STORAGE & MATERIAL HANDLING

7.1 The Contractor shall store his materials, equipment and tools in one place of the construction site during construction. The area shall be coordinated with the KSU Infrastructure Unit. It shall be kept neat and clean at all times. Any damage thereto or to the surrounding area arising from any accident, paint spills, etc. shall be repaired and/or restored to its original condition. Likewise, extra care shall be taken in the storage of hazardous chemicals (paints, thinners, lacquers, oils, solvents, etc.) in order to avoid accidents, explosions and/or fires. Oily rags, solvent-soaked foams, paint brushes and rollers shall be kept in metal containers tightly sealed and shall be cleaned and/or removed from the job site at the end of every working day.

7.2 Provisions for securing and safekeeping of stored materials, tools and equipment during the construction project shall be for the account of the Contractor.



VIII. CLEARING OF SITE

The Contractor shall clean the whole area by removing debris, discards, paint spots, excesses and spillage and shall leave the entire premises free from rubbish caused by their work to the satisfaction of the KSU at no extra cost.

IX. WARRANTIES OF THE DESIGNER-BUILDER

- 9.1** The Contractor warrants that it shall conform strictly with the terms and conditions of these Terms of Reference.
- 9.2** The Contractor warrants, represents and undertakes reliability of the service and that their manpower complements are hardworking, qualified/reliable and dedicated to do the service required to the satisfaction of the KSU. It shall employ well-behaved and honest employees.
- 9.3** The Contractor shall comply with the laws governing employees compensation, Philhealth, Social Security and / or labor standards and other laws, rules and regulations applicable to its personnel employed by the Contractor on account of contracted services. The Designer-Builder shall pay its personnel not less than the minimum wage and other benefits mandated by law.
- 9.4** The Contractor in performance of its services shall secure, maintain at its own expense all registration, licenses or permits required by National or Local Laws and shall comply with the rules, regulations and directives of Regulatory Authorities and Commissions. The Contractor undertakes to pay all fees or charges payable to any instrumentality of government or to any other duly constituted authority relating to the construction project.
- 9.5** The Contractor's personnel shall take all necessary precautions for the safety of all persons and properties at or near their area of work and shall comply with all the standard and established safety regulations, rules and practices.
- 9.6** The Contractor shall coordinate with the KSU Infrastructure unit in the performance of their jobs.
- 9.7** The Contractor shall be liable for any loss, damage, or injury as may be due directly through the fault or negligence of its personnel. It shall assume responsibility thereof and the Contractor shall be specifically released from any responsibility arising therefrom.

X. TERMS OF PAYMENT

- 10.1** The Contractor, upon request, may be granted an advance payment in an amount equivalent to fifteen percent (15%) of the total contract price, net of VAT and applicable withholding taxes, upon the submission of performance bond in the form of cash or irrevocable standby Letter of Credit issued by a reputable commercial bank or Surety Bond issued by a bonding company duly certified by the Insurance Commission to be of good standing.
- 10.2** Advance Payment shall be repaid by the Contractor thru deduction by BIR RR7 of fifteen percent (15%) from the Contractor's periodic progress billing.



10.3 The Contractor shall collect payment on progress billings based on the percentage of work accomplished, within a reasonable time from submission of all the required documents, subject to the required Expanded Withholding Tax (EWT) of two percent (2%) and Final Withholding VAT of five percent (5%), reduction based on Section 10.2, if any, and ten percent (10%) retention fund.

10.4 The retention fund shall be released only upon issuance of Certification of Final Acceptance issued by KSU Infrastructure Unit and submission by Contractor of Post-Construction Documentation.

10.5 Progress Billing shall be based on the following:

PROGRESS BILLING	PERCENT OF WORK COMPLETED	PERCENTAGE TERMS OF PAYMENT
First Billing	Thirty percent (30%) of the work accomplished	Thirty percent (30%) of the Contract Price less advance payment (Sec. 13.2), applicable withholding taxes and retention fund of ten percent (10%) of the contract price (Sec. 13.3)
Second up to the next progress billing and Final billing	Above or equal to (15%) of work accomplished.	Above or equal to (15%) of the Contract Price less advance payment (Sec. 10.2), applicable withholding taxes and retention fund of ten percent (10%) of the contract price (Sec. 10.4)

The percentage of completion of work shall be subject to review and evaluation by KSU Infrastructure Unit.

10.6 Payments shall be made within a reasonable time from submission of the required documents based on existing applicable laws.

XI. PRE-TERMINATION OF CONTRACT

11.1 The contract of the Construction of Graduate Studies and Law Building Phase III may be pre-terminated by the **Kalinga State University** upon notice of any violation of the terms of the contract. In case of pre-termination, the Contractor shall be informed by the **KSU** within thirty (30) calendar days prior to such termination.

11.2 In case of pre-termination, the Contractor shall be liable to an additional liquidated damages equivalent to five percent (5%) of the contract price as provided by the Government Accounting and Auditing Manual (GAAM) and forfeiture of the Performance Security.

11.3 The **KALINGA STATE UNIVERSITY (KSU)** shall have the right to blacklist the Contractor in case of pre-termination.

XII. SCOPE AND COVERAGE OF THE PROJECT WITH SPECIFICATION

(see next page)



XII. SCOPE AND COVERAGE OF THE PROJECT WITH SPECIFICATION

1. Repair of Comfort Room at CAF Building Left Wing:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
802	Structure Excavation	2.10	cu.m	-covers excavation of chiselled floors including septic tank outlet
101(6)	Removal of structure & Obstruction(Chiselling Works)			
		1.73	cu. m.	-covers chiselling @ floor (verify drawing)
900(1)c2	Structural Concrete (Slab on fill)	1.73	cu.m	-covers chiselled floors
1018	Tileworks	20.35	sq.m	-covers chiselled floors
				-specs are as follows:
				*Portland Cement
				*Sand
				*Ceramic Tiles 200mm x 200mm
				*Tile grout
1003	Ceiling	58.50	sq.m	-covers change of damaged interior and exterior ceiling
				-specs are as follows:
				*Marine plywood 6mmx1.2x2.4
				*Lumber 50x50x3.6(ceiling joists)
				*Concrete Nail x100
				*CW Nailsx100
				*CW Nailsx75
				*CW Nailsx25
1010	Doors and Door Jambs	9.36	sq. m.	-covers repairs of damaged doors including cubicle doors
				-specs are as follows:
				*Panel Door with Louver & Door Jamb
				size 0.80m x 2.10m
				*Louver Door with Door Jamb
				size 0.80m x 1.50m (Verify Drawing)
				*Loose Pin Hinges x 100mm
				*Loose Pin Hinges x 75mm
				*Cylindrical Door Lockset
				*Barrel Bolts
				*CW nails x 100
1032(1)	Painting	216.25	sq.m.	
	a. Ceiling interior & exterior			-covers paintings @ interior and exterior ceiling
				-specs are as follows:
				*Boysen QDE Flat White
				*Boysen QDE Gloss White
				*Roller Brush w/ pan
				*Roller Brush foam
				*Paint Thinner
				*Wood Putty
				*Putty Knife
				*Paint Brush x 4"
	b. Latex Painting(exterior;2coats)			-covers paintings @ interior and exterior walls
				includes beams and columns
				-specs are as follows:

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. /// Page 1 of 2



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Titan Elastomeric Paint Apple Green
				*Titan Elastomeric Paint Baguio Green
				*Boysen permanent Gloss white
				*Boysen Acrytint water based(raw sienna1/4li.)
				*Masonry putty
				*Sand paper #240
				*roller brush w/ pan
				*roller brush foam
				*Paint Thinner
				*Masking Tape B/S
	c. Roof Painting			-covers painting of roofings
				-specs are as follows:
				*Boysen Roof guard Royal blue
				*Boysen Metal primer paint
				*Paint brushx100
				*Paint thinner
				*Vulca Seal 1/4 lits.
1002	Plumbing	36.00	l.m.	
	Rough-in & Fixtures			-covers repairs of plumbing
				-specs are as follows:
				*PVC Moldex Pipe S-1000 x 4" dia. X 3.0
				*PVC Elbow 90' x 4" dia.
				*PVC Clean Out x 4" dia.
				*PVC Tee x 4" dia.
				*PVC P-Trap x 4" dia.
				*PVC Solvent Cement 1/4 lit
				*Lavatory with complete assy
				*Water Closet
				*Floor Drain 100 x 100
	Septic Tank outlet & Lines			-covers change of septic tank outlet
				-specs are as follows:
				*PVC Moldex Pipe S-1000 x 6" dia. X 3.0
				*PVC Elbow 90' x 6" dia.
				*PVC Solvent Cement 1/4 lit
	Waterline fixtures			-covers repairs of water lines including change of damaged fixtures
				-specs are as follows:
				*Ordinary Faucet
				*Lavatory Faucet
				*Gate Valve 12mm diam.
				*Teplon Tape



2. Repair of Comfort Room at CAF Building Right Wing:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
802	Structure Excavation	0.45	cu.m	-covers excavation of chiselled floors including pipes outlet
101(6)	Removal of structure & Obstruction(Chiselling Works)			
		0.11	cu.m.	-covers chiselling @ floors
900(1)c2	Structural Concrete (Slab on fill)	0.11	cu.m	-covers chiselled floors
1018	Tileworks	9.60	sq.m	-covers chiselled floors
				-specs are as follows:
				*Portland Cement
				*Sand
				*Ceramic Tiles 200mm x 200mm
1010	Doors and Door Jambs	4.76	sqm.	-covers repairs of damaged doors including cubicle doors
				-specs are as follows:
				*Flush Door with Louver & Door Jamb
				size 0.70m x 1.90m
				*Louver Door with Door Jamb
				size 0.70m x 1.50m (Verify Drawing)
				*Loose Pin Hinges x 100mm
				*Loose Pin Hinges x 75mm
				*Cylindrical Door Lockset
				*Barrel Bolts
1032(1)	Painting	113.98	sq.m.	
	a. Enamel Painting			-covers paintings @ interior and exterior ceiling
	Ceiling interior & exterior			-specs are as follows:
				*Boysen QDE Gloss White
				*Roller Brush w/ pan
				*Roller Brush foam
				*Paint Thinner
	b. Latex Painting(exterior;2coats)			-covers paintings @ interior and exterior walls
				includes beams and columns
				-specs are as follows:
				*Titan Elastomeric Paint Apple Green
				*Titan Elastomeric Paint Baguio Green
				*Boysen permanent Gloss white
				*Boysen Acrytint water based(raw sienna1/4li.)
				*Masonry putty
				*Sand paper #200
				*roller brush w/ pan
				*roller brush foam
				*Paint Thinner
				*Masking Tape B/S
				*Steel Brush
	c. Roof Painting			-covers painting of roofings
				-specs are as follows:
				*Boysen Roof guard Royal blue
				*Boysen Metal primer paint
				*Paint brushx100
				*Paint thinner
				*Vulca Seal
				*Rust Converter
1002	Plumbing	6.00	l.m.	
	a. Rough In			-covers repairs of plumbing
				-specs are as follows:
				*PVC Moldex Pipe S-1000 x 4" dia. X 3.0
				*PVC Elbow 90 x 4" dia.
				*PVC Solvent Cement 1/4 lit
				*Floor Drain 100x 100
	b. Water Line			-covers repairs of water lines including damaged fixtures
				-specs are as follows:
				*Ordinary Faucet
				*Gate Valve 12mm diam.
				*PVC Solvent Cement 1/4 lit
				*Teplon Tape



3. Repair of KSU High School Laboratory:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a1	Painting (Masonry/Concrete)	1,830.22	sq.m	-covers paintings @ interior and exterior walls including beams, partitions and columns -specs are as follows: *Boysen Flat latex White *Boysen latex Gloss White *Boysen Acrytint raw shiena(1/4 li) *Paint Thinner *Boysen latex Choco Brown *Roller Brush w/ pan *Paint Brush (4") *Paint brush(3") *Rollerbrush Foam *Steel Brush *Sand Paper #120 *Sand Paper #240 *Latex Putty
1032(1)a3	Painting (Roofing & Grills)	1,179.07	sq.m	-covers paintings of roofings and grills (windows and terrace) -specs are as follows: *Boysen QDE Choco brown *Epoxy Primer *Paint Thinner *Paint brush(3") *Paint brush(2") *Rust Converter *Red oxide Primer Paint *Boysen Roofguard Pacific Blue *Paint Thinner *Paint Brush x 100 *Fed Seal 1 lits. *Steel Brush *Sand Paper #120 *Sand Paper #240
1003	Carpentry Works			
		607.31	sq.m	
	Partition			-covers partition repairs @ room 5 & 6, room 13 & library and room 10 & 11 -specs are as follows: *Marine Plywood 1/4" thk. x 1.20m x 2.4m *CW Nail x 1"
	Ceiling			-covers repairs of ceiling @ room 2, room 7, room 13, stairs and corridor @ 2nd floor -specs are as follows: *Marine Plywood 1.2m x 2.4m x 1/4 thk. *Lumber 50mm x 50mm x 3.6m *Wood Mouldings/Cornice 2 1/2" x 1" x 12' *CW Nail(assorted size) *CW Nail 1" *Concrete Nail 4"
	Flooring and Floor Framing			-covers repairs of flooring and floor framing at library specified in the plan



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				-specs are as follows:
				*Lumber 50mm x 200mm x 3.6m
				*Lumber 25mm x 150mm x 3.6m
				*CW Nail(assorted size)
				*CW Nail 2"
				*Solignum(termite control)
				*Paint Brush 4"
1009	Repair of Jalousie window, Glass			
		195.16	sq.m	-covers changed of all damaged/broken jalousie glass (1st and 2nd floor) including window jamb @ Science Laboratory
				-specs are as follows:
				*Lumber 50 x 150 x 2.40
				*CW nails x 100
				*Concrete Nail x 100
				*Portland Cement
				*Sand
				*CHB 100 x 200 x 400
				*Jalousie Aluminum frame Shutter best x 10 blades
				*Clear glass Jalousie blade x 6mm x 100 x 0.82m
1010	Doors & Door Jambs	2.10	sq.m.	-covers items @ Room 7 & High School Library
				-specs are as follows:
				*Jamb Lumber 50 x 150 x 3.6m
				*Loose Pin hinges x 100
				*CW nails x 100
				*Concrete Nail x 100
				*Portland Cement
				*Sand
				*CHB 100 x 200 x 400
				*Wood moulding x 25 x 2.40
				*Cylindrical lock(Kwikset)
				*Marine Plywood 1.2m x 2.4m x 1/4 thk.
1102.00	Power Load Center, switches & Panel Boards			
		21.00	sets	-covers all busted ligths, damaged outlets and switches @ rooms and offices
				-specs are as follows:
				*LED 2-18 W Fluorescent on Powder Coated Reflector
				*PVC Receptacle 100mmØ
				*Male Plug
				*Female Plug
				*Electrical Tape (big)
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be BI pipe x 50mm dia with ball clamps
				- all scaffoldings should be turned over to KSU upon completion of the project
				-specs are as follows:
				*BI pipe #20 x 50mm dia. X 6.0m
				*Ball clamp 50mm dia.
B.2	Project Billboard			
		1.00	piece	-covers project signboard of the building construction



4. Various Repairs of Agricultural Technology Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	338.25	sq.m	-covers paintings of ceiling @ 2nd floor, ceiling @ eaves, all doors (1st & 2nd floor) and wooden canopies
				-specs are as follows:
				*Davies flat Latex
				*Gloss QDE Gloss white
				*Boysen Choco brown enamel
				*Roller Brush w/ pan
				*Paint Brushx100
				*Roller Brush foam
				*Paint Thinner
				*Sand Paper #120
				*Davies Latex Putty
1032(1)a1	Painting (Masonry/Concrete)	1,320.86	sq.m	-covers paintings of walls (interior and exterior face) includes beams, columns and partition walls
				-specs are as follows:
				*Boysen permanent Flat white
				*Boysen permanent Gloss white
				*Boysen Acrytint water based(raw sienna1/4li.)
				*roller brush w/ pan
				*roller brush foam
				*Paint brushx100
				*Paint thinner
				*Steel Brush
				*Sand Paper #200
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit			
		432.25	sq.m	
	Roof Painting			-covers paintings of main roof and GI canopy roof
				-specs are as follows:
				*Boysen Roof guard Royal blue
				*Boysen Red oxide primer paint
				*Paint brushx100
				*Paint thinner
				*Rust Converter
				*Steel Brush
				*Sand Paper #120
	Painting window frames, steel door, grills & fire exit			-covers paintings of window frames, steel doors, grills and fire exits (1st and 2nd floor)
				-specs are as follows:
				*Boysen QDE Choco brown
				*Paint Thinner
				*Baby roller w/ pan
				*Paint brush(2")
				*Rust Converter
				*Steel Brush
				*Sand Paper #120
1009	Repair of Jalousie windows	0.39	sq.m	-covers repairs of jalousie window @ office room ground floor
				-specs are as follows:
				*Jalousie Al. frame A-1 type x 13 blades
				*Clear glass Jalousie blade x 6mm x 100 x 0.55m
1005	Repair of Steel Casement Window			
		5.36	sq.m	-covers repairs of all steel casement windows (1st & 2nd floor) includes change of broken glass, hinges, Z-bars and locks/handles
				-specs are as follows:
				*Clear glass 6mm x 0.36 x 0.38m

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. // Page 1 of 2



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Clear glass 6mm x 0.30 x 0.80m
				*Glass silicone
				*WD40 spray
				*Casement Window hinges
				*Welding Rod
				*Z-bar
				*Window lock/handle
1010	Doors & Door Jambs	2.10	sq.m.	-covers change of door @ room E101
				-specs are as follows:
				*Jamb Lumber 50 x 150 x 2.40m
				*panel Door x 1mx2.1m
				*Loose Pin hinges x 100
				*CW nails x 100
				*CW nails x 25
				*Portland Cement
				*Sand
				*CHB 100 x 200 x 400
				*Wood moulding x 25 x 2.40
1102(a1)	Lighting Fixtures	33.00	set	-covers change of all not functioning fans and busted lights
				(1st & 2nd floor) includes change of ceiling receptacle
				and pin lights @ corridor (2nd floor)
				-specs are as follows:
				*LED 2-18 W Fluorescent on Powder coated Reflector
				*Ceiling Fan 30/Orbit Fan (Standard)
				*Ceiling Receptacle x 4"
				*LED Recessed Downlight 20 W
				*Electrical Tape B/S
1003	Ceiling	28.40	sq.m.	-covers all destroyed stone cut ceiling and ceiling @ rooms
				-specs are as follows:
				*Stone cut lumber .15 x 1.10m
				*Marine Plywood x 6mm x 1.2 x 2.40
				*Lumber 50 x 50 x 3.60
				*Lumber 25 x 25 x 3.60
				*CW nails assorted size
				*CW nails x 25
				*Solignum
				*Paint Brush
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be
				BI pipe x 50mm dia with ball clamps
				- all scaffoldings should be turned over to KSU
				-specs are as follows:
				*BI pipe #20 x 50mm dia. X 6.0m
				*Ball clamp 50mm dia.
1021	Plain Cement Finish (Patching of concrete)			
		0.36	sq.m	- covers the damaged wall at front
				*Portland Cement
				*Sand
1013(2) a	Repair Ridge Cap	31.88	ln.m	-covers all the Ridge Cap of the Roofing
				-specs are as follows:
				*Ridge Cap #.50 x 2.4m
				*Tekscrew (steel) 12 x 45
B.2	Project Billboard	1.00	pc	-covers project signboard of the building construction



5. Repair of CTE Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	1,163.88	sq.m	-covers paintings of ceiling, doors and canopy -specs are as follows: *Boysen QDE flat white *Gloss QDE Gloss white *Boysen Choco brown enamel *Roller Brush w/ pan *Paint Brushx100 *Roller Brush foam *Paint Thinner *Sand Paper #240
1032(1)a1	Painting (Masonry/Concrete)	2,181.98	sq.m	-covers paintings of walls (interior and exterior) includes beams, columns and partition walls -specs are as follows: *Boysen permanent Flat white *Boysen permanent Gloss white *Boysen Acrylint water based(raw sienna1/4li.) *roller brush w/ pan *roller brush foam *Paint brushx100 *Paint thinner *Steel Brush *Sand Paper #2400
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	1,158.28	sq.m	-covers paintings of main roof, GI Canopy roof, grills, window frames, steel door and fire exit -specs are as follows: Roof Painting *Boysen Roof guard Royal blue *Boysen Red oxide primer paint *Paint brushx100 *Paint thinner *Rust Converter *Steel Brush *Sand Paper #240 Painting window frames, steel door, grills & fire exit *Boysen QDE Choco brown *Boysen QDE Crystal green *Paint Thinner *Paint brush(3") *Paint brush(2") *Rust Converter *Steel Brush *Sand Paper #240
1009	Repair of Jalousie windows	41.60	sq.m	-covers repairs of window jamb @ room 106, 102, 101, 202, 103, 203 and faculty room includes change of broken jalousie glass -specs are as follows: *Lumber 50 x 150 x 2.40 *Lumber 50 x 150 x 3.0 *CW nails x 100 *CW nails x 25 *Portland Cement *Sand *CHB 100 x 200 x 400 *Jalousie Al. frame A-1 type x 11 blades *Clear glass Jalousie blade x 6mm x 100 x 0.52m *Wood moulding x 25 x 2.40
1005	Repair of Steel Casement Window	5.36	sq.m	-covers repairs of steel casement windows (1st and 2nd floor) includes change of broken glass *Clear glass 6mm x 0.36 x 0.38m *Clear glass 6mm x 0.38 x 0.54m *Clear glass 6mm x 0.30 x 0.38m *Glass silicone *WD40 spray *Casement Window hinges *Welding Rod
1010 (a)	Doors & Door Frames (jambs, sills, head, transoms)	7.00	set	-covers items @ room 106, 105, research & extension center and faculty CRs -specs are as follows:

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. // Page 1 of 2



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Jamb Lumber 50 x 150 x 2.40m
				*Jamb Lumber 50 x 100 x 3.0m
				*Louver Door x 0.6 x 1.5m
				*Loose Pin hinges x 100
				*Loose Pin hinges x 75
				*CW nails x 100
				*CW nails x 25
				*Portland Cement
				*Sand
				*CHB 100 x 200 x 400
				*Wood moulding x 25 x 2.40
1102(a1)	Electrical works (lighting and Appliance outlets)			
		28.00	set	-covers all damaged/busted lights, fans, air-condition units and outlets (1st floor and 2nd floor)
				-specs are as follows:
				*Ceiling Fan 30"/Orbit Fan (Standard)
				*Single Pole Switch (Wide Series, Koten Brand)
				*1.5HP Aircon Unit Window Type with casing
				*Three Gang Outlet Set (Koten Brand)
				*#12 duplex wire
				*Electrical Tape B/S
1003	Ceiling	15.84	sq.m.	-covers damaged white boards and ceilings includes rooms without white board
				-specs are as follows:
				*Formica white board 1.2 x 2.40
				*Marine Plywood x 6mm x 1.2 x 2.40
				*Lumber 50 x 50 x 3.60
				*CW nails x 75
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be BI pipe x 50mm dia with ball clamps
				- all forms and scaffoldings should be turned over to KSU upon completion of the project
				-specs are as follows:
				*GI pipe #20 x 50mm dia. X 6.0m
				*Ball clamp 50mm dia.
1002	Plumbing	6.00	l.m.	-covers items @ CRs (1st and 2nd floor) includes Faculty CR
				-specs are as follows:
				*PVC Moldex Pipe S-1000 x 4" dia. X 3.0
				*PVC Elbow 90° x 2" dia.
				*PVC Solvent Cement 1/4 lit
				*Floor Drain 100x 100
				*Portland Cement
				*Sand
				*Mariwasa floor tiles(200mm x 200mm)
				*Lavatory Faucet
				*Gooseneck Sink Faucet
				*Flexible hose
				*Faucet (ordinary)
				*Water Closet tank assembly
				*Urinal Faucet
				*Angle Valve
				*Compression Tee x 25mm dia.
1046	Masonry Works (stone Cladding)	18.30	sq.m.	-covers items @ front canopy (@ stage)
				-specs are as follows:
				*Portland Cement
				*Sand
				*EZ Rocks
				*Polymer
				*Paint Brush 4"
				*Prefabricated concrete cornice x 75 x 100
1018	Tileworks	59.86	sq.m.	-covers tiling at front stage specified in the plan
				-specs are as follows:
				*Exterior Floor Tiles (400 x 400mm)
				*Portland Cement
				*Sand
				*Bostik Tile Grout Fix All
				*Tile Cutter Disk
				*Brass nosing x 3m

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. /// Page 2 of 2



6. Various Repairs of CAF Laboratory Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	757.80	sq.m	-covers paintings of ceiling @ 2nd floor, ceiling @ eaves, all doors (1st & 2nd floor) and wood frame of canopies -specs are as follows: *Boysen QDE flat white *Gloss QDE Gloss white *Boysen Choco brown enamel *Roller Brush w/ pan *Paint Brushx100 *Roller Brush foam *Paint Thinner *Sand Paper #240
1032(1)a1	Painting (Masonry/Concrete)	2,202.42	sq.m	-covers paintings of walls (interior and exterior face) includes beams, columns and partition walls -specs are as follows: *Boysen permacoat Flat white *Boysen permacoat Gloss white *Boysen Acrytint water based(raw sienna1/4li.) *Masonry Putty *roller brush w/ pan *roller brush foam *Paint brushx100 *Paint thinner *Steel Brush *Sand Paper #240
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	923.62	sq.m	-covers paintings of main roof, GI canopy roof and side corridor roof -covers paintings of window frames, steel doors, grills and fire exits (1st and 2nd floor) -specs are as follows: *Boysen Roof guard Royal blue *Boysen Red oxide primer paint *Boysen QDE Choco brown *Paint Thinner *Paint brush(4") *Paint brush(3") *Paint brush(2") *Rust Converter *Steel Brush *Sand Paper #120
1009	Repair of Jalousie windows	2.95	sq.m	-change of Dean's office window jamb includes jalousie window @ rooms that has missing blades -specs are as follows: *Lumber 50 x 150 x 3.6 *Lumber 50 x 150 x 3.0 *CW nails x 100 *CW nails x 25 *Portland Cement *Sand *CHB 100 x 200 x 400 *Clear glass Jalousie blade x 6mm x 100 x 0.52m *Wood moulding x 25 x 2.40
1005	Repair of Steel Casement Window	5.36	sq.m	-covers repairs of all steel casement windows (1st & 2nd floor) includes broken glass -specs are as follows: *Clear glass 6mm x 0.36 x 0.4m *Clear glass 6mm x 0.36m x 0.38m *Glass silicone *WD40 spray
1010	Doors & Door Jamb	12.53	sq.m.	-covers doors @ Dean's office, male and female CR -specs are as follows: *Jamb Lumber 50 x 150 x 2.40m *Jamb Lumber 50 x 150 x 3.6m *Panel Door x 0.85 x 2.1m *Cubicle Louver door x 0.7 x 1.6 *Cubicle Flush door x 0.7 x 1.6 *Wood moulding x 25 x 2.40 *Loose Pin hinges x 100 *Loose Pin hinges x 75 *CW nails x 100 *Portland Cement *Sand

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. // Page 1 of 2



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*CHB 100 x 200 x 400
				*Cubicle Barrel bolt
				*Cylindrical doorlockset Kwikset
1102(a1)	Lighting Fixtures	13.00	set	-covers all damaged/busted lights, fans, air-condition units and outlets (1st floor and 2nd floor) -specs are as follows: *LED 2-18 W Fluorescent on Powder Coated Reflector *Ceiling Fan 30/Orbit Fan (Standard) *Single Pole Switch (Wide Series, Royu Brand) *1.5HP Aircon Unit Window Type with casing *Electrical Tape B/S
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be Bl pipe x 50mm dia with ball clamps - all forms and scaffoldings should be turned over to KSU upon completion of the project -specs are as follows: *Bl pipe #20 x 50mm dia. X 6.0m *Ball clamp 50mm dia.
1002	Plumbing	24.00	l.m.	-covers repairs @ male and female CR includes change of damaged fixtures -specs are as follows: *PVC Moldex Pipe S-1000 x 4" dia. X 3.0 *PVC Elbow 90° x 4" dia. *PVC Solvent Cement 1/4 lit *Floor Drain 100x 100 *Portland Cement *Sand *Mariwasa floor tiles(200mm x 200mm) *Lavatory Faucet *Ordinary Faucet *Flexible hose *PVC Moldex Pipe S-1000 x 3" dia. X 3.0 *Water Closet w/o tank assembly *PVC Elbow 90° x 3" dia. *Angle Valve *PVC Sanitary TEE x 4" *PVC Strap
SPL1	Construction of Septic Tank	1.00	unit	
	A. Excavation			-covers excavation of septic tank includes pipes outlets
	B. Concreting Works			-covers concreting of septic tank wall footing and slab -specs are as follows: *Portland Cement *Sand (S -1) *Gravel (1") *RSB 10 mmØ x 6.0 *GI Tiewire # 16 *Bostik Water Proofing Compound *RSB 12 mmØ x 6.0
	C. Masonry Rough Works			-covers septic tank walls -specs are as follows: *Portland Cement *Sand *RSB 10 mmØ x 6.0 *CHB 4" THK *GI Tiewire #16
	D. Masonry Finishing Works			-covers plastering @ septic tank -specs are as follows: *Portland Cement *Sand *Meshwire
	E. Plumbing Rough Works			-covers items @ septic tank -specs are as follows: *Moldex PVC Pipe S-1000 x 100mm dia. X 3m *Sanitary Tee 87.50 deg. X 100mm dia. *PVC Elbow 100mm dia. *Clean Out 100mm dia. *Solvent Cement 1/4 lit
1016(1)	Water Proofing	40.30	sq.m	-covers the application of water proofing paint at roofdeck -specs are as follows: *Castle water proofing paint



7. Various Repairs of CBAE Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1009	Repair of Jalousie windows	3.07	sq.m	-covers repairs of all damaged jalousie windows within the building includes change of broken and missing glasses -specs are as follows: *Clear glass Jalousie blade x 6mm x 100 x 0.71m *Clear transom glass x 6mm x .29 x 0.77m *Wood moulding x 25 x 2.40 *Jalousie Al. frame A-1 type x 12 blades
1005	Repair of Steel Casement Window	0.83	sq.m	-covers repairs of all steel casement windows includes change of broken and missing glasses -specs are as follows: *Clear glass 6mm x 0.395 x 0.48m *Glass silicone *WD40 spray *Casement Window hinges *Welding Rod *Z-bar *Window lock/handle *Flat bar 1"
1010 (a)	Doors & Door Frames (jambs, sills, head	3.00	sets	-covers the change of doors at CR and door at room 201 -specs are as follows: *Flush Door w/ Louver Painted (3 coats) w/ 4"x4" loose pin hinges & Cylindrical door lock .8m x 2.10m *Flush door Painted (3 coats) w/ 4"x4" loose pin hinges & Cylindrical door lock .9m x 2.10m
1102(a1)	Electrical works (lighting and Appliance outlets)	12.00	sets	-covers damaged/busted lights and fans -specs are as follows: *LED 2-18 W Fluorescent on Powder Coated Reflector *Ceiling Fan 30/Orbit Fan (Standard) *Two Gang Outlet Set (Koten Brand) *Electrical Tape B/S *20 watts Fluorescent Bulb
1003	Movable Partition	19.20	sq.m	-covers repairs of the removable partition @ AVR -specs are as follows: *Loose Pin hinges x 3" *Boysen QDE Choco brown

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project.



8. Various Repairs of CLA Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1009	Repair of Jalousie windows	3.07	sq.m	-covers the repair and change of window jamb @ Dean's office -covers the repairs of all damaged Jalousie windows within the building includes change of broken and missing glasses -specs are as follows: *Lumber 50 x 150 x 2.4 *Lumber 50 x 150 x 1.28 *CW nails x 100 *CW nails x 25 *Portland Cement *Sand *CHB 100 x 200 x 400 *Clear glass Jalousie blade x 6mm x 100 x 0.71m *Clear glass Jalousie blade x 6mm x 100 x 0.70m *Clear glass Jalousie blade x 6mm x 100 x 0.46m *Wood moulding x 25 x 2.40 *Jalousie Al. frame A-1 type x 12 blades
1005	Repair of Steel Casement Window	5.36	sq.m	-covers the repairs of all Steel casement windows includes change of broken and missing glasses -specs are as follows: *Clear glass 6mm x 0.34 x 0.57m *Clear glass 6mm x 0.34 x 0.47m *Clear glass 6mm x 0.31 x 0.75m *Glass silicone *WD40 spray
1010	Doors & Door Jambs	2.10	sq.m.	-covers the repairs of flush door at conference hall -specs are as follows: *Lumber 50 x 50 x 3.6m *Marine plywood 6mm thk x 1.2 x 2.4m *Loose Pin hinges x 100 *CW nails x 75 *CW nails x 25 *Cylindrical Door Lockset
1102(a1)	Electrical works (lighting and Appliance outlet)	26.00	set	-covers damaged/busted lights and fans of the building -specs are as follows: *1 x40W Open Type Flourescent Fixture *Ceiling Fan 30/Orbit Fan (Standard) *Single Pole Switch (Wide Series, Koten Brand) *Two Gang Switch (Wide-Series, Koten Brand) *Electrical Tape B/S *40 watts Flourescent Bulb
1044(2)	Door Partition	19.20	sq.m	-covers the repairs of removable partition @ Conference Hall -specs are as follows: *Lumber 50 x 50 x 3.6m *CW Nail x 3" *Loose Pin hinges x 3" *Roller Track Assembly *Boysen QDE Choco brown *Paint brush 4"
1002	Plumbing	3.00	l.m	-covers repairs @ male and female CR includes change of damaged fixtures -covers installation of outlet of septik tank -covers repair of sink rough-in at Faculty room -specs are as follows: *PVC P-Trap x 4" dia. *Fed Seal 1/2 lits. *Moldex PVC Pipe S-1000 4" dia. X 3m *Water Closets
1002(2)	Water Line	18.00	l.m.	-covers change of gate valve of water line going to CLA building -covers installation of water pipeline going to CLA Bilding -specs are as follows: *G.I. Pipe 1/2" dia. X 6.0 *G.I. Elbow 1/2" dia *G.I. Tee 1/2" dia. *Faucet *End Cap 1/2" dia. *Teflon tape *Gate Valve 1/2" dia.
1016(1)	Water Proofing	165.38	sq.m	-covers application of water proofing paint @ deck floor -specs are as follows: *Castle Water proofing paint

NOTE: All the branded products stated above are used as "preference" for accuracy and quality output of the project.



9. Various Repairs of Forestry Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	434.25	sq.m	-covers paintings of interior ceiling, ceiling @ eaves, partition walls, doors and canopy
				-specs are as follows:
				*Boysen QDE flat white
				*Gloss QDE Gloss white
				*Boysen Choco brown enamel
				*Roller Brush w/ pan
				*Paint Brushx100
				*Roller Brush foam
				*Paint Thinner
				*Sand Paper #240
1032(1)a1	Painting (Masonry/Concrete)	1,320.86	sq.m	-covers paintings of walls (interior and exterior)
				-specs are as follows:
				*Boysen permanent Flat white
				*Boysen permanent Gloss white
				*Boysen Acrytint water based(raw sienna1/4li.)
				*roller brush w/ pan
				*roller brush foam
				*Paint brushx100
				*Paint thinner
				*Steel Brush
				*Sand Paper #240
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit			
		322.01	sq.m	
	Roof Painting			-covers paintings of main roof and GI canopy roof
				-specs are as follows:
				*Boysen Roof guard Royal blue
				*Boysen Red oxide primer paint
				*Paint brushx100
				*Paint thinner
				*Rust Converter
				*Steel Brush
				*Sand Paper #240
	Painting window frames, steel door, grills & fire exit			-covers paintings @ grills, window frames, steel door and fire exit
				-specs are as follows:
				*Boysen QDE Choco brown
				*Paint Thinner
				*Baby roller w/ pan
				*Paint brush(2")
				*Rust Converter
				*Steel Brush
				*Sand Paper #240
1009	Repair of Jalousie windows	0.17	sq.m	-covers broken jalousie glass
				-specs are as follows:
				*Clear glass Jalousie blade x 6mm x 100 x 0.55m
1005	Repair of Steel Casement Window	5.36	sq.m	-covers repairs of steel casement windows (1st and 2nd floor)
				includes broken glass

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. // Page 1 of 2



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				-specs are as follows:
				*Clear glass 6mm x 0.36 x 0.38m
				*Clear glass 6mm x 0.30 x 0.80m
				*Clear glass 6mm x 0.38 x 0.27m
				*Glass silicone
				*WD40 spray
				*Casement Window hinges
				*Welding Rod
				*Z-bar
1010	Doors & Door Jambs	2.10	sq.m.	-covers change of door @ 2nd floor
				-specs are as follows:
				*panel Door x 1mx2.1m
				*Loose Pin hinges x 100
1102(a1)	Lighting Fixtures	33.00	set	-covers all damaged/busted lights, fans and outlets
				(1st floor and 2nd floor)
				-specs are as follows:
				*LED 2-18 W Fluorescent on Powder Coated Reflector
				*Ceiling Fan 30/Orbit Fan (Standard)
				*Ceiling Receptacle x 4"
				*LED Recessed Downlight 20W
				*Electrical Tape B/S
1003	Ceiling & Partition	59.13	sq.m.	-covers damaged ceiling @ eaves & rooms, damaged
				canopy lumber and removable partition at ground floor
				-specs are as follows:
				*Stone cut lumber .15 x 1.10m
				*Marine Plywood x 6mm x 1.2 x 2.40
				*Lumber 50 x 50 x 3.60
				*Lumber 50 x 100 x 3.60
				*Lumber 50 x 75 x 3.60
				*Lumber 25 x 25 x 3.60
				*CW nails assorted size
				*CW nails x 25
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be
				BI pipe x 50mm dia with ball clamps
				- all forms and scaffoldings should be turned over to KSU
				upon completion of the project
				-specs are as follows:
				*BI pipe #20 x 50mm dia. X 6.0m
				*Ball clamp 50mm dia.
1021	Plain Cement Finish (Patching of concrete)			
		0.36	sq.m	- covers the damaged wall at front
				-specs are as follows:
				*Portland Cement
				*Plexibond
1013(2) a	Repair Ridge Cap	31.88	In.m	-covers all the Ridge Cap of the Roofing
				-specs are as follows:
				*Ridge Cap #.50 x 2.4m
				*Tekscrow (steel) 12 x 45



10. Various Repairs at TECHVOC 1 Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	328.08	sq.m	-covers paintings of ceiling @rooms, ceiling @ eaves, ceiling @ corridor and doors -specs are as follows: *Boysen QDE flat white *Gloss QDE Gloss white *Boysen Choco brown enamel *Roller Brush w/ pan *Paint Brushx100 *Roller Brush foam *Paint Thinner *Sand Paper # 240
1032(1)a1	Painting (Masonry/Concrete)	501.01	sq.m	-covers paintings of walls (interior and exterior face) includes beams, columns and partition walls -specs are as follows: *Boysen permanent Flat white *Boysen permanent Gloss white *Boysen Acrytint water based(raw sienna/4li.) *Masonry Putty *roller brush w/ pan *roller brush foam *Paint brushx100 *Paint thinner *Steel Brush *Sand Paper #200
1032(1)a3	Painting Roofing, window Frames, Steel Doors			
	Roof Painting	353.42	sq.m	-covers paintings of main roof -specs are as follows: *Boysen Roof guard Royal blue *Boysen Red oxide primer paint *Paint brushx100 *Paint thinner *Rust Converter *Steel Brush *Sand Paper # 200
	Painting window frames, steel door, grills & fire exit			-covers paintings of window frames and steel doors -specs are as follows: *Boysen QDE Choco brown *Paint Thinner *Paint brush(3") *Paint brush(2") *Rust Converter *Steel Brush *Sand Paper # 120
1005	Repair of Steel Casement Window	0.76	sq.m	-covers repairs of all steel casement windows includes change of broken glass -specs are as follows: *Clear glass 6mm x 0.27m x 0.45m *Clear glass 6mm x 0.24m x 0.57m *Glass silicone *WD40 spray
1102(a1)	Lighting Fixtures	10.00	set	-covers damaged/busted lights and fans -specs are as follows: *LED 2-18 W Fluorescent on Powder Coated Reflector *Ceiling Fan 30/Orbit Fan (Standard)
1003	Ceiling	120.66	sq.m.	-covers ceiling @ eaves and @ room T103 -specs are as follows: *Marine Plywood x 6mm x 1.2 x 2.40 *Lumber 50 x 50 x 3.60 *CW nails x 75 *CW nails x 25 *Concrete nails 4" *Solignum *Paint Brush
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be BI pipe x 50mm dia with ball clamps - all scaffoldings should be turned over to KSU -specs are as follows: *BI pipe #20 x 50mm dia. X 6.0m *Ball clamp 50mm dia.

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project.



11. Various Repairs at TECHVOC 2 Building:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1032(1)a2	Painting (Wood)	210.51	sq.m	-covers paintings of ceiling @ corridor and ceiling @ eaves includes doors -specs are as follows: *Boysen QDE flat white *Gloss QDE Gloss white *Boysen Choco brown enamel *Roller Brush w/ pan *Paint Brushx100 *Roller Brush foam *Paint Thinner *Sand Paper # 200
1032(1)a1	Painting (Masonry/Concrete)	555.96	sq.m	-covers paintings of walls (interior and exterior face) includes beams, columns and partition walls -specs are as follows: *Boysen permanent Flat white *Boysen permanent Gloss white *Boysen Acrytint water based(raw sienna1/4li.) *Masonry Putty *roller brush w/ pan *roller brush foam *Paint brushx100 *Paint thinner *Steel Brush *Sand Paper # 240
1032(1)a3	Painting Roofing, window Frames, Steel Doors	464.53	sq.m	
	Roof Painting			-covers paintings of main roof -specs are as follows: *Boysen Roof guard Royal blue *Boysen Red oxide primer paint *Paint brushx100 *Paint thinner *Rust Converter *Steel Brush *Sand Paper # 240
	Painting window frames, steel door, grills & fire exit			-covers paintings of window frames and steel doors -specs are as follows: *Boysen QDE Choco brown *Paint Thinner *Paint brush(3") *Paint brush(2") *Rust Converter *Steel Brush *Sand Paper # 200
1005	Repair of Steel Casement Window	0.76	sq.m	-covers repairs of all steel casement windows includes change of broken glass -specs are as follows: *Clear glass 6mm x 0.26m x 0.31m *Glass silicone *WD40 spray
1010 (a)	Doors & Door Frames (jambs, sills, head, transoms and mullions)	2.00	set	-covers door @ rear portion -specs are as follows: *Jamb Lumber 50 x 150 x 3.6m *Panel door 0.9m x 2.1m *Loose Pin hinges x 100 *Cylindrical Door Knob (kwikset) *CW nails x 100 *CW nails x 25 *Clear glass x 0.26 x 0.31
1003	Ceiling	17.28	sq.m.	-covers destroyed stone cut ceiling and ceiling @ corridor -specs are as follows: *Marine Plywood x 6mm x 1.2 x 2.40 *Stone cut ceiling 6" x 2 ft. *Good lumber 2" x 2" x 12 ft. *CW nail x 2 1/2" *CW nails asstd size
1102	Power Load Center, switches & Panel Boards	5.00	sets	-covers items @ corridor -specs are as follows: *LED 2-18 W Fluorescent on Powder Coated Reflector *PVC Receptacle 100mmØ *Male Plug *Female Plug *Electrical Tape (big)
903(1)	Scaffoldings	1.00	lot	- it is suggested that the staging and scaffoldings should be BI pipe x 50mm dia with ball clamps - all scaffoldings should be turned over to KSU -specs are as follows: *BI pipe #20 x 50mm dia. X 6.0m *Ball clamp 50mm dia.

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project.



12. Construction of Engineering Building – Phase IV:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1003(1)c2	CEILING-CARPENTRY AND JOINERY WORKS			
		575.99	sq.m	-covers unfinished items @ grid A-J & 2-14 at fourth floor specified in the plan
				-specs are as follows:
				*Lumber 2" x 3" x 12'
				*Lumber 2" x 2" x 12'
				*Lumber 2" x 4" x 12'
				*Gypsum Board 12mm x 4ft x 8ft
				*CW nail x 100
				*CW nail x 75
				*Gypsum screw
				*Wood Cornice 1" x 3" x 8'
				*Concrete, Nail x 100
				*Stickwell glue 1 liter
				*Gypsum putty
1010	DOORS AND DOOR JAMBS	10.26	sq.m	-covers items @ PWD CR's (1st floor - 4th floor), fourth floor CR's (male & female) and @ deck floor (going to water tank)
				-specs are as follows:
				*Jamb Lumber 2" x 4" x 12'
				*Cubicle Louver door x 0.6 x 1.5
				*Cubicle Louver door x 0.8 x 1.5
				*Plain GI Sheet #24
				*Loose Pin Hinges x 75mm
				*Barrel Bolts
				*Enamel paint
				*Paint brush x 75
				*CW nail x 100
				*CW nail x 25
				*Lumber 2" x 3" x 12'
1003(2)d2	WALL-CARPENTRY AND JOINERY WORKS			
		24.00	sq.m	-covers items @ grid 8, C-E at drawing room (fourth floor) specified in the plan
				-specs are as follows:
				*Lumber 2" x 3" x 12'
				*Lumber 2" x 4" x 12'
				*Marine Plywood 6 mm x 1.20 x 2.40
				*CW nail x 100
				*CW nail x 25
				*Concrete, Nail x 100
1032(1)a2	PAINTING WORKS-WOOD	575.99	sq.m	-covers items @ grid A-J & 2-14 specified in the plan @ fourth floor
				-specs are as follows:
				*QDE Flat White
				*QDE Gloss White
				*Sand Paper
				*Plasolux Glazing Putty
				*Paint Thinner
				*Roller Brush Medium Size faom
				*Roller Paint Brush M/S w/ pan
				*Paint Brush x 100
				*Paint Brush x 75
				*Paint Brush x 50
1027	CEMENT PLASTER FINISH	173.81	sq.m	-covers items @ elevator interior (from NGL to top of penthouse)
				-specs are as follows:
				*Portland Cement



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Sand
				*Water proofing compound
903(1)	FORMS AND FALSEWORKS	1.00	L.S	- all forms and scaffoldings should be turned over to KSU upon completion of the project
				-specs are as follows:
				*Lumber 2" x 3" x 12'
				*CW Nails x 100
1002	PLUMBING-ROUGH INS	7.00	pc	-covers items @ PWD CR's (1st floor - 4th floor), first floor CR's and fourth floor CR's (male and female) including deck floor
				-specs are as follows:
				*Lavatory P-trap x 50mm dia
				*Urinal P-trap x 50mm dia
				*Flexible hose
				*PVC 90 deg. Elbow x 4"
				*Floor Drain x 4"
				*FED Seal
				*Solvent Cement 1/4lit
1002(5)	PLUMBING WORKS- FIXTURES			
		18.00	sets	-covers items @ PWD CR's (1st floor - 4th floor), first floor CR's and fourth floor CR's (male and female)
				-specs are as follows:
				*Water Closets with Complete Assembly
				*Lavatory faucet
				*Ordinary faucet
				*Lavatory 0.4 x 0.6 w/complete assy
				*Floor drain x 100
1051(1)	RAILING	6.00	m	-covers items @ ground floor ramp (side of elevator)
				-specs are as follows:
				*GI Pipe sched. 40 x 25mm dia. X 6.0
				*Welding rod
				*Boysen Choco brown enamel
				*Paint brush
				*Portland Cement
				*Sand (S -1)
1018	CERAMIC TILES	582.58	sq.m	-covers items @ grid 5-11 & A-C (ground floor center wing corridor and stage) and @ fourth floor CR's (PWD, male and female) including CR walls
				-specs are as follows:
				*Mariwasa Wall Tiles Paper finish (200 x 200mm)
				*Mariwasa Floor Tiles Non Skid (200 x 200mm)
				*Mariwasa Outdoor Tiles Non Skid (400 x 400mm)
				*Portland Cement
				*Sand
				*Bostik Tile Grout Fix All
				*Tile Cutter Disk
				*PVC Tile Trim x 3m
1021(1)a	CEMENT FLOOR FINISH	23.72	sq.m	-covers items @ roofdeck (beside elevator)
				-specs are as follows:
				*Portland Cement
				*Sand
				*Boysen Plexi bond
SPL-1	FURNISHING	8.00	sets	
	A.Construction of Combo Board			-covers items @ fourth floor rooms
				-specs are as follows:



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Formica White board 6mm x 1.20 x 2.40 w/ aluminum frame
				*Sliding Board rail frame
				*Aluminum Head Guide
				*Bottom single seal jamb
				*Nylon Roller
				*Screw x 25
				*Conc nail x 75
				*Lawanit 6mm x 1.20 x 2.40
				*Marine plywood 6mm x 1.20 x 2.40
				*Lumber 50 x 50 x 3.60
				*Lumber 25 x 50 x 3.60
				*CW Nail x 50
				*CW nail x 25
				*Chalkboard slating paint
				*Paint brush x 50
				*QDE choco brown
				*Sand Paper
				*Paint thinner
				*lumber 25 x 250x 3.60
				*Flat White
	B. PLATFORM			-covers items @ fourth floor rooms
				-specs are as follows:
				*Marine Plywood 10mm x 1.20 x 2.40
				*Lumber 50 x 75 x 3.60
				*Lumber 50 x 50 x 3.60
				*Lumber 25 x 50 x 3.60
				*CW Nail x 75
				*CW Nail x 50
				*CW Nail x 25
				*Boysen QDE Choco brown
				*Paint Thinner
	C. TEACHER'S TABLE			-covers items @ fourth floor rooms
				-specs are as follows:
				*Marine Plywood 10mm x 1.20 x 2.40
				*Lumber 50 x 50 x 3.60
				*Lumber 25 x 50 x 3.60
				*Finishing Nail assorted
				*Sandpaper
				*Boysen QDE Choco brown
				*Paint Thinner
SPL-2	KSU LOGO	3.14	sq.m	-covers logo @ front specified in the plan
				-specs are as follows:
				*Plain GI Sheet # 22
				*Marine Plywood 1.2m x 2.4m x 18.75mm thk.
				*Expansion bolt 5/8 x 4 "
				*2m dia. KSU logo sticker
B.2	PROJECT BILLBOARD	1.00	piece	-covers project signboard of the building construction
1007	ANODIZED GLASS PARTITION			
		23.44	sq.m.	-covers grid A-B and 11-12 at ground floor specified in the plan
				-specs are as follows:
				*Anodized Glass on Aluminum frame 6mm thick
				*Door closer
B1	PROVISION FOR SAFETY AND HEALTH			
		1.00	lot	-covers safety equipments to be used during the construction until the project is done



13. Construction of Rizal Campus Library Building – Phase V:

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
802	STRUCTURE EXCAVATION	38.13	cu. m.	-covers items @ grid A to H & 1 to 5 specified in the plan includes septic tank excavation
804	EMBANKMENT (Selected Fill Materials above Grade)			
		211.23	cu. m.	-covers items @ excavated area
1000	TERMITE CONTROL	203.75	sq. m.	-application of termite poisoning before pouring of concrete @ ground slab
900	CONCRETE WORKS			-all concrete shall be class A - $f_c' \geq 21$ MPa
	a. columns	12.37	cu. m.	-covers items @ grid A to H & 1 to 5 specified in the plan includes planted columns @ parapet walls
	b. roof, corbel & penthouse beams	9.08	cu. m.	-covers items @ grid A to H & 1 to 5 specified in the plan
	c. two way deck slabs	2.28	cu. m.	-covers items @ grid 2 to 5 & G to H @ third floor specified in the plan
	d. slab on fill	20.38	cu. m.	-covers items @ grid 1 to 5 & A to H specified in the plan
	e. wall footing	1.34	cu. m.	-covers items @ grid 1 to 5 & A and H specified in the plan
	f. ramp @ back	1.82	cu. m.	-covers items @ grid 1 to 2 & G to H specified in the plan
	g. concrete gutter	3.29	cu. m.	-covers items @ grid 1 to 2 & A to G specified in the plan
	h. Planted Columns @ Parapet Walls (Front Building)	0.94	cu. m.	-covers items @ grid 5 to 8 & A to E specified in the plan
	i. Suspended Stairs	6.86	cu. m.	-covers items @ grid 3 to 4, G to H & 5 to 6, C to E specified in the plan includes stair footing of stair going to front building
	j. canopy	6.54	cu. m.	-covers items @ grid 1 to 8 & A to H specified in the plan
	k. lintel beam @ ground floor	0.855	cu. m.	-covers items @ grid A-H & 1-4 specified in the plan
	l. counter slabs	1.44	cu. m.	-covers items @ grid 1 to 8 & A to H specified in the plan
	m. retaining walls	17.39	cu. m.	-covers items @ grid 1 to 2 & A to H specified in the plan
	n. septic tank	3.56	cu. m.	-covers items @ septic tank specified in the plan
	o. forms and scaffoldings	591.37	cu. m.	- it is suggested that the staging and scaffoldings should be lumbers - all forms and scaffoldings should be turned over to KSU upon completion of the project
404	REINFORCING STEEL BARS	11,679.59	kgs.	-all reinforcing bars shall be grade 60 fy \geq 414 Mpa
506	MASONRY WORKS (CHB walls)	921.30	sq.m.	-covers items @ grid 1 to 8 & A to H specified in the plan -ground partitions should be 4" thick -Exterior Walls should be 4" thick -Partitions and other CHB walls are 4" thick
506	CEMENT PLASTER FINISH	2,299.44	sq.m.	-covers items @ grid 1 to 8 & A to H specified in the plan (interior and exterior face) includes partition walls, columns, beams, parapet walls and pent house walls
403	METAL STRUCTURES (Steel Truss)			
		168.00	sq.m.	-covers item @ Grid A-G & 1-5 specified in the plan -specs are as follows: *Angle Bar 2" x 2" x 6mm Thk. X 6m *Splice Block Angle Bar 2 x 2 x 6mm thk. X 6m *C-Purlins 50 x 100mm x 6m x 1.2mm thk. *Sag Rod Plain Round Bar 12mm dia. X 6m *Cross Bracing Plain Round Bar 16mm dia. X 6m *HD Turnbuckle 16mm dia. *Welding Rod *Purlin Connector Angle Bar 50mm x 50mm x 4mm thk. X 6m *Epoxy Primer Red Paint *Paint Brush x 100mm *Paint Thinner *Anchor Bolt x 16mm dia. *Gusset Plate 6mm x 150 x 300
1013	TINNERY WORKS	168.00	sq. m.	-covers item @ Grid A-G & 1-5 specified in the plan -specs are as follows: *Ribbtype Longspan Prepainted Roofing 1.2 x 10.8m x .4 thk. *Ribbtype Longspan Prepainted Roofing 1.2 x 8.8m x .4 thk. *Teckscrew x 55 *Fed Seal/Vulcaseal 1 lit *Wall Flashing .438 x 2.4m *End/Side Flashing .438 x 2.4m *blind Rivets



ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1007-8	DOORS and WINDOWS	170.30	sq. m.	
	a. doors			-covers Items @ grid 1 to 8 & A to H specified in the plan -specs are as follows: *D-1 1 Sets Anodized Butterfly Door (1.4 x 2.1m) *D-2 3 sets Butterfly Panel Door (1.2 x 2.1m) *D-3 1 set Panel Door (1 x 2.1m) *D-4 6 sets Panel Door (.9 x 2.1m) *D-5 10 sets Panel Door (.8 x 2.1m) *D-6 1 sets PVC Door (.6 x 2.1m) *D-7 8 sets PVC Door (.7 x 2.1m) *D-9 3 sets Cubicle Door (.6 x 1.2m) *Door Jamb 1.2 x 2.1 (3sets) *Door Jamb 1 x 2.1 (1set) *Door Jamb .9 x 2.1 (6sets) *Door Jamb .8 x 2.1 (10sets) *Door Jamb .6 x 1.2 (3sets) *Barrel Bolt B/S *Cubicle Barrel Bolt *Kwikset Cylindrical Door Knob *Door Handle *Hinges 4" x 4" *Hinges 3" x 3" *Sanding Sealer *Sand Paper *QDE Choco brown *Paint Brush
	b. windows			-covers Items @ grid 1 to 8 & A to H specified in the plan -specs are as follows: *Anolock Window w/ fixed glass *Steel Casement Window w/ 6mm fixed glass & Grills
1100	ELECTRICAL WORKS	130.00	outlets	-covers unfinished Items @ grid 1-8 & A-H specified in the plan -specs are as follows: *2.0 mm ² THHN Cu. Wire stranded (SYCWN Brand, ISO Certified) *3.5mm ² THHN Str. Cu. Wire (SYCWN Brand, ISO Certified) *5.5 mm ² THHN Str. Cu. Wire (SYCWN Brand, ISO Certified) *38 mm ² THHN Stranded Copper Wire (ISO Certified) *PVC Conduit (20mm. dia) *Corrugated Plastic Conduit (40mm. dia) *PVC Fittings & Connectors *Utility Box (2 x 4) *Junction Box Octagonal *Lead Light (5W) *Flourescent Fixture, 2 x 40W Surface Type w/ Aluminum Protector *Ceiling Receptacle *Three-Gang Switch with Reflector (Wide-Series, ROYU Brand) *Two-Gang Switch with Reflector(Wide-Series, ROYU Brand) *Single Pole Switch with Reflector(Wide-Series, ROYU Brand) *Break the Glass Switch *Round Bell/Buzzer *Two Gang Outlet Set (ROYU Brand) *Aircon Outlet Set Wide Series (ROYU Brand) *Airconditioning Unit (1.5HP Aircon Unit) w/ casing *Standard Orbit Fan (Metal Blade) *Electrical Tape B/S
1002	PLUMBING WORKS	165.00	l.m.	-covers item @ Grid 1 to 8 and A to H specified in the plan -specs are as follows: *Moldex PVC Pipe S-1000 x 100mm dia. *Moldex PVC Pipe S-1000 x 50mm dia. *Fittings: PVC Elbow 90 deg. X 100 dia. PVC Elbow 90 deg. X 50mm dia. PVC Sanitary Tee 100mm dia.

NOTE: All the branded products stated above are used as "preference" for accuracy and quality-based output of the project. /// Page 2 of 3



ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				PVC Sanitary Tee Reducer 100mm x 50mm dia.
				PVC Sanitary Tee 50mm dia.
				Sanitary Tee 87.50 deg. X 100mm dia.
				PVC Sanitary wye 100mm dia.
				PVC Reducing Sanitary Wye 100 x 50mm dia.
				PVC Sanitary wye 50mm dia.
				*Solvent Cement 1/4 lit.
				*PVC Clean Out 100mm dia. w/ cap
				*PVC Clean Out 50mm dia. w/ cap
				*P-Trap Seal 50mm dia.
1002.2.5	PLUMBING FIXTURES AND FITTINGS			
		83.00	sets	-covers item @ Grid 1 to 8 and A to H specified in the plan
				-specs are as follows:
				*Water Closet w/ Complete Assembly & Accessories
				*Counter Top Lavatory w/ Complete Assembly & Accessories
				*Urinals w/ Complete Assembly & Accessories
				*Stainless Double tray Kitchen Sink w/ Complete Assembly
				*Gooseneck Faucet
				*Floor Drain 100x 100
				*Soap Holder
				*Tissue Holder
				*Faucet
1002.2.8	DOWNSPOUT	126.00	l.m.	-covers Item @ Grid A-H & 6-7 specified in the plan
				-specs are as follows:
				*Moldex PVC Pipe S-1000 x 75mm dia.
				*PVC Elbow S-1000 90 deg. X 75 dia.
				*PVC Elbow S-1000 45 deg. X 75 dia.
				*PVC Sanitary Tee S-1000 x 75mm dia.
				*Solvent Cement 1/4 lit.
				*Floor Drain 100x 100
1002.2.2	WATER SUPPLY PIPES AND FITTINGS			
		348.00	l.m.	-covers item @ Grid 1 to 8 and A to H specified in the plan
				-specs are as follows:
				*1" dia. GI Pipe Sched. 40 x 6.0m
				*1" dia. Gate Valve
				*GI Pipe Elbow 1" dia.
				*GI Pipe Coupling 1" dia.
				*Teflon Tape
				*PPR-Pipe 1/2" dia. X 3m
				*PPR-Pipe Coupling Threaded Reducer 1" X 1/2" dia.
				*PPR-Pipe Elbow 1/2" dia.
				*PPR-Pipe TEE 1/2" dia.
				*PPR-Pipe End Cap 1/2" dia.
				*1/2" dia GI Gate valve
				*Solvent Cement 1/4 lits
SPL IV	STAINLESS STEEL RAILINGS	229.00	Ln.m	-covers item @ Grid 1 to 8 and A to H specified in the plan
				-specs are as follows:
				*Stainless Steel Pipes 2 1/2" x 6m
				*Stainless Steel Pipes 2" x 6m
				*Welding Rod for Stainless Pipes
1018	TILEWORKS	159.53	sq.m.	-covers item @ Grid 1 to 8 and A to H specified in the plan
				-specs are as follows:
				*Mariwasa Floor Tiles/ Wall Tiles Paper finish (200 x 200mm)
				*Portland Cement
				*Sand
				*Bostik Tile Grout Fix All
				*PVC Tile Trim x 3m
				*Tile Cutter Disk
B1	PROJECT BILLBOARD	1.00	piece	-covers project signboard of the building construction
SPL V	PROVISION FOR SAFETY & HEALTH			
		1.00	LOT	-covers safety equipments to be used during the construction
				until the project is complete



14. Construction of HRM Building – Phase IV:

ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
B.2	Project Billboard	1.00	pc	-covers project signboard of the building construction
SPL-1	Fixtures	2.00	set	-covers fixtures specified in the plan *Front Office Counter (Customized) *Open shelves rack (8 layers)
801(6)	Chiselling of Concrete Structures	1.10	cu.m.	-covers chiselling below counter slabs, Culinary Arts Area and downspout of gutter 1st floor level
900(1)	Reinforced Concrete Class A (Laundry Counter)			
		0.31	cu.m.	-covers items @ laundry area specified in the plan -all concrete shall be class A - fc' ≥ 21 MPa -specs are as follows: *Portland Cement *Sand (S -1) *Gravel (1") *Good Lumber (4 uses) *Asstd. CW Nails *10mm thk Marine Plywood (4uses)
404(1)a	Reinforcing Steel (Laundry Counter)	168.60	kg	-covers items @ laundry area specified in the plan -all reinforcing bars shall be grade 33 fy≥276 Mpa -specs are as follows: *RSB 10 mmØ x 6.0 *GI Tiewire # 16 *Hacksaw Blade
506(1)a	CHB Non Load Bearing 4"	69.64	sqm	-covers item @ Paraphet Wall 1st Floor, partition @ culinary arts area and laundry area specified in the plan -Paraphet Walls should be 4" thick -specs are as follows: *Portland Cement *Sand(s-1) *CHB 4" *RSB 10mm dia. X 6.0 *Tiewire #16
1027	Cement plaster finish	145.76	sq.m.	-covers item @ Paraphet Wall 1st Floor, partition @ culinary arts area and laundry area specified in the plan
406	Prefabricated Concrete Cornice	217.35	ln.m.	-covers item @ Paraphet Walls and canopy @ terrace area specified in the plan -specs are as follows: *Portland Cement *Sand *Tiewire #16 *Concrete Nail 2" *Prefabricated concrete cornice x 75 x 100
1046	Masonry Works (stone Cladding)	96.11	sq.m.	-covers item @ Entrance, Porch & Window specified in the plan -specs are as follows: *Portland Cement *Sand *EZ Rocks *Polymer *Paint Brush 4"
1008(1)d	Aluminum Glass Window (Fixed Type)	15.48	sq.m.	-covers item @ Laundry Area and Grand Lobby Area specified in the plan -specs are as follows: *Full Glass Façade Partition Wall 12mm thk fixed glass (Anolock) *6mm thick Glass on aluminum frame anolock
1007(1)b	Aluminum Glass Door	2.52	sq.m.	-covers item @ Grand Lobby Area specified in the plan -specs are as follows: *Butterfly Glass 12mm thk glass door commercial type frameless(D-1a)
1010(2)b	Wooden Doors	1.89	sq.m.	-covers item @ Laundry Area specified in the plan -specs are as follows: *Panel Door w/ louver (Ordinary Lumber Fully Painted) (.9 x 2.1m) *Door Jamb .9 x 2.1 Varnish Finish *Cylindrical Door Lockset (kwikset) *Loose Pin Hinges x 100

NOTE: All the branded products stated above are used as "preference" for accuracy and quality output of the project. /// Page 1 of 3



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Sanding Sealer
				*Sand Paper #200
				*Valspar Varnish
				*Paint Brush x 75mm
1003(1)c2	Ceiling-Carpentry and Joinery Works	251.43	sq.m.	-covers item @ grid A-D and 1-6 at 1st floor specified in the plan -specs are as follows: *Marine Plywood 1.2m x 2.4m x 1/4 thk. *Lumber 50mm x 50mm x 3.6m *Lumber 50mm x 100mm x 3.6m *Wood Mouldings/Cornice 3 1/2" x 1" x 3m *Wood Mouldings/Cornice 2 1/2" x 1" x 3m *CW Nail 4" *CW Nail 3" *CW Nail 1" *Concrete Nail 4"
1003(3)a1	Kitchen Cabinets @ Lower Counter	6.40	sqm	-covers Item @ Kitchen Area below slabs specified in the plan -specs are as follows: *Good Lumber 2" x 4" x 12' (for jamb) *Good Lumber 1 1/2" x 2" x 12' (door frame) *Good Lumber 1" x 12" x 12' *Good Lumber 1" x 2" x 12' (louver) *CW Nail x 3" *CW Nail x 4" *Concrete Nail x 4" *Finishing Nail x 2" *Finishing Nail x 1" *Hinges 2" x 2" *Lock Catches *Door Handle (Modern) *Sand Paper #200 *Sand Paper #100 *Valspar Varnish *Paint Brush x 4" *Wood Glue (Stickwell)
1003(3)e2	Ceiling Prepainted Metal Panel	24.47	sq.m.	-covers Item @ Gutter 1st Floor specified in the plan -specs are as follows: *Spandrel x 4" (100 X 0.675) pre-painted *Perforated Spandrel 100 *Spandrel Side Moulding x 2.40 *Angle Bar 4mm x 37 x 37 x 6.0 *Conc. Drill Bit x 4mmØ *Conc. Nail x 50 *Welding Electrodes *Blind Rivet x 12mmØ *Steel Drill Bit x 4mmØ
1032	Painting Works	791.64	sq.m.	
	A. Enamel Painting (Ceiling @ Ground)			-covers Item @ Ceiling and Drop Boxes 1st Floor specified in the plan -specs are as follows: *QDE Flat White *QDE Gloss White *Sand Paper *Plasolux Glazing Putty *Oil Based Tinting Color 1/4 lit. *Paint Thinner *Roller Brush Medium Size faom *Roller Paint Brush M/S w/ pan *Paint Brush x 100 *Paint Brush x 75 *Paint Brush x 50 *Boysen Choco Brown * Note: 3 Coats
	B. Latex Painting			-covers Item @ exterior part of the building, Laundry Area and Partition @ Culinary Arts Room specified in the plan -specs are as follows:

NOTE: All the branded products stated above are used as "preference" for accuracy and quality output of the project. // Page 2 of 3



ITEM NO.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				*Latex Flat White
				*Latex Gloss White
				*Masonry Neutralizer
				*Masonry Putty
				*Acrytint Color 1/4 Lit.
				*Sand Paper # 200
				*Grinding Disk or Stone
				*Roller Brush Medium Size foam
				*Roller Paint Brush M/S w/ pan
				*Paint Brush x 100
				*Paint Brush x 75
				*Paint Thinner
				* Note: 3 Coats
1018	Tileworks	55.54	sq.m.	-covers Item @ Stairs @ Front, Laundry Area and Porch Area @ Second Floor Front Section specified in the plan -specs are as follows: *Exterior Floor Tiles (400 x 400mm) *Mariwasa Wall Tiles Paper finish (200 x 200mm) *Mariwasa Wall Tiles None Skid (200 x 200mm) *Portland Cement *Sand *Bostik Tile Grout Fix All *Tile Cutter Disk *PVC Tile Trim x 3m
1002	Plumbing (Rough-in)	3.00	pcs	-covers Item @ Laundry Area specified in the plan -specs are as follows: *Moldex PVC Pipe S-1000 2" dia. X 3m *PVC Elbow 2" dia. *Solvent Cement 1/4 lits. *P-Trap Seal 2" *Floor Drain 100x 100
1002	Roof Drain	10.00	sets	-covers Item @ Gutter 1st Floor specified in the plan -specs are as follows: *Moldex PVC Pipe S-1000 3" dia. X 3m *PVC Elbow 3" dia. *PVC Strap *Solvent Cement
1002	Plumbing (Water System)	3.00	pcs	-covers Item @ Laundry Area specified in the plan -specs are as follows: *PVC Blue Pipe 1/2" dia. X 3m *PVC Elbow 1/2" dia. *PVC TEE 1/2" dia. *Coupling w/ thread 1/2" dia. *Faucet *Solvent Cement 1/4 lits.
1100	Conduits, Boxes & Fittings	60.00	l.m.	-covers Item @ Laundry Area specified in the plan -specs are as follows: *PVC conduit, 20mm x 3.0m *PVC Fittings & Connectors *Utility Box (50 x 100 Moldflex) *Junction Box (Octagonal) *Ceiling Receptacles x 4 1/4"
1101	Wires & wiring Device	130.00	l.m.	-covers Item @ Laundry Area specified in the plan -specs are as follows: *2.0 mm ² THHN Stranded Wire (ISO Certified) *5.5 mm ² THHN Stranded Wire (ISO Certified) *Single Pole Switch (Wide Series, Koten Brand) *Outlet set, Koten Brand *Electrical Tape B/S
1102	Power Load Center, switches & Panel Boards	7.00	sets	-covers Item @ Laundry Area specified in the plan -specs are as follows: *Bolt-on Circuit Breaker, Industrial Type 2-30 Amp. Ckt. Breaker *Led Lamp (12W) *LED 2-18 W Fluorescent on Powder Coated Reflector

NOTE: All the branded products stated above are used as "preference" for accuracy and quality output of the project. /// Page 3 of 3

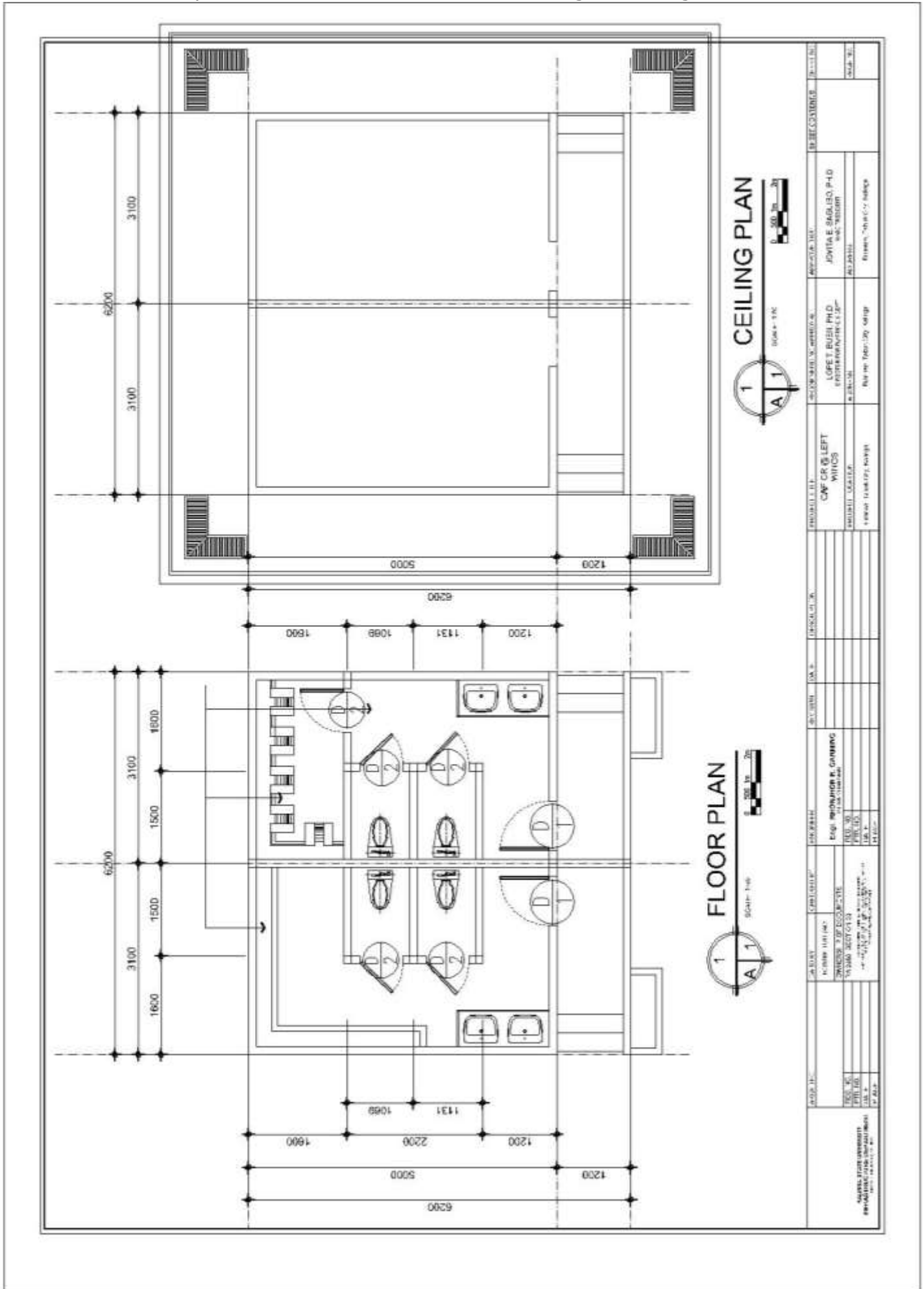


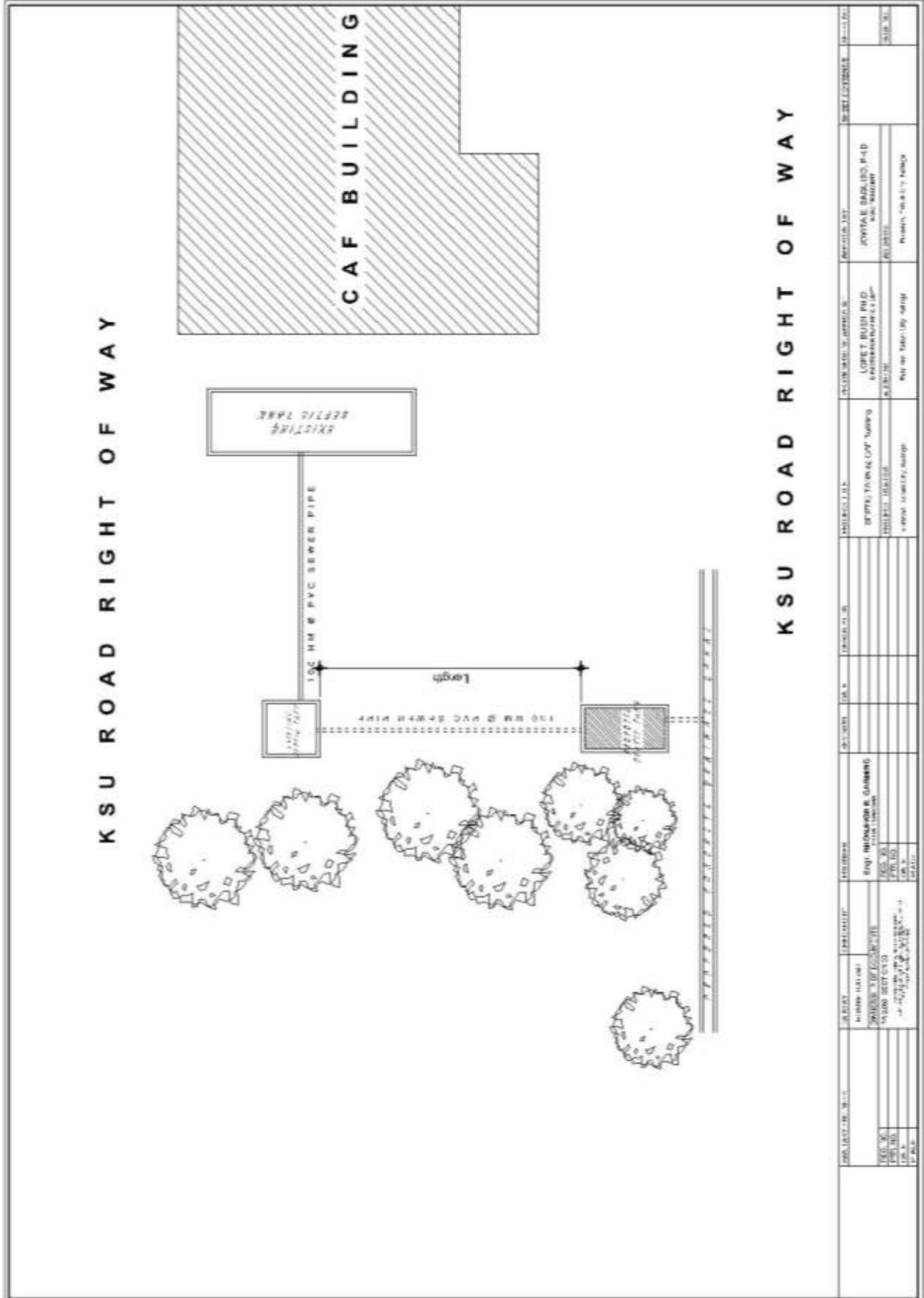
Section VII. Drawings



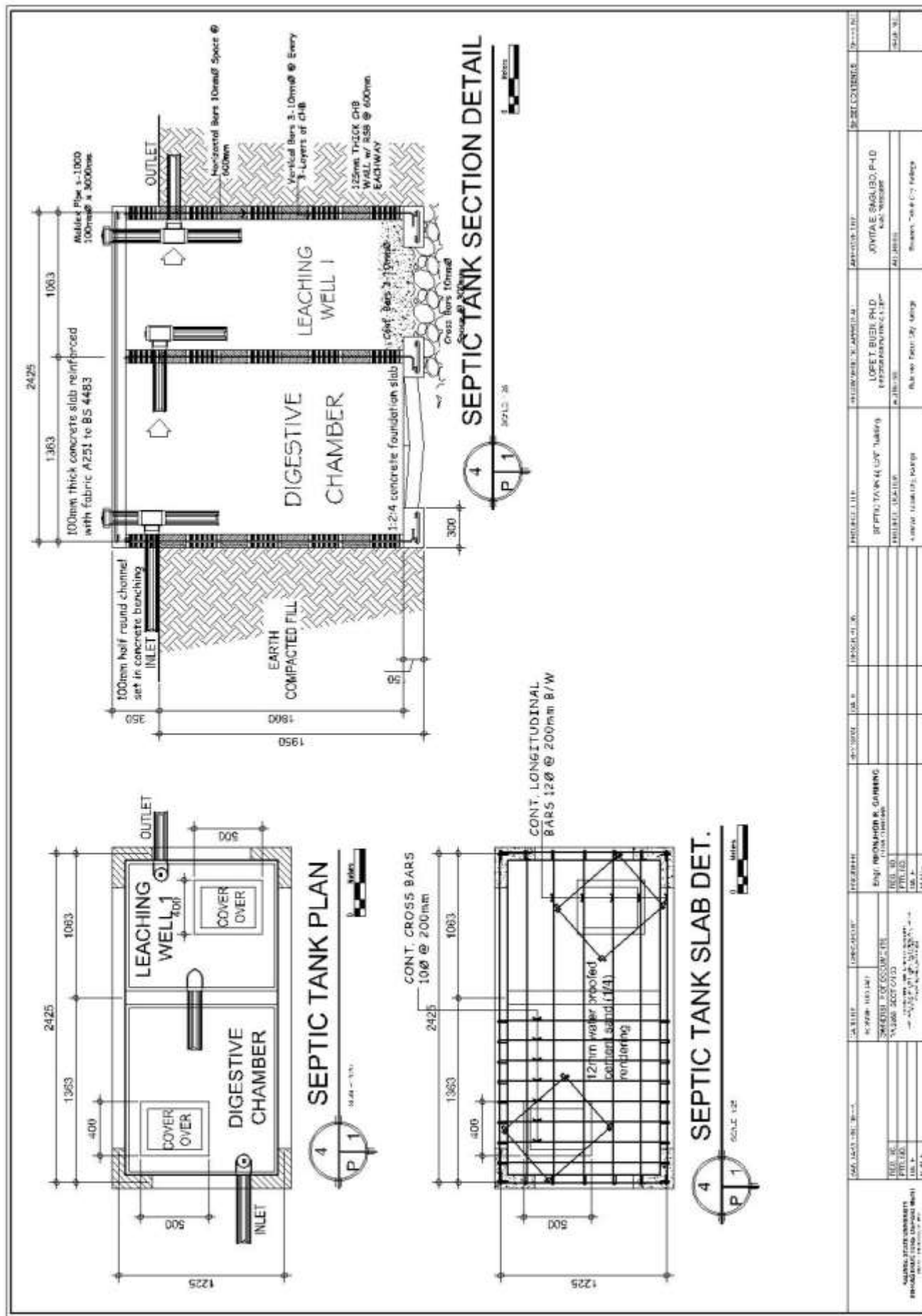
Perspective View/ Blueprint/ Technical Plan:

1. Repair of Comfort Room at CAF Building Left Wing:





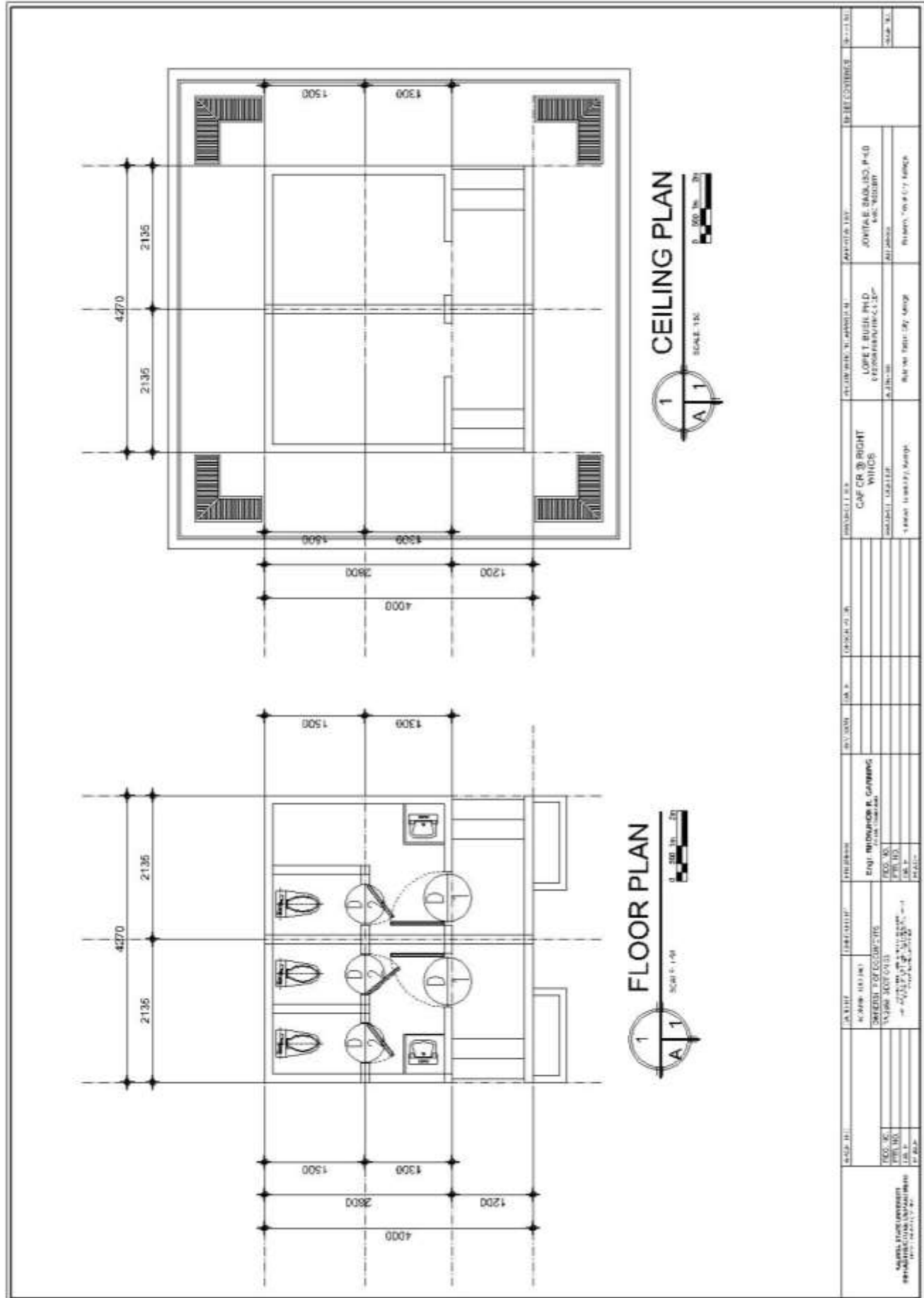
NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT	REMARKS
1	150 MM Ø PVC SEWER PIPE	M				
2	NEW SEPTIC TANK	NO.				
3	EXISTING SEPTIC TANK	NO.				
4	CAF BUILDING	SQ. M				
5	TREES	NO.				
6	ROAD RIGHT OF WAY	M				
GRAND TOTAL						

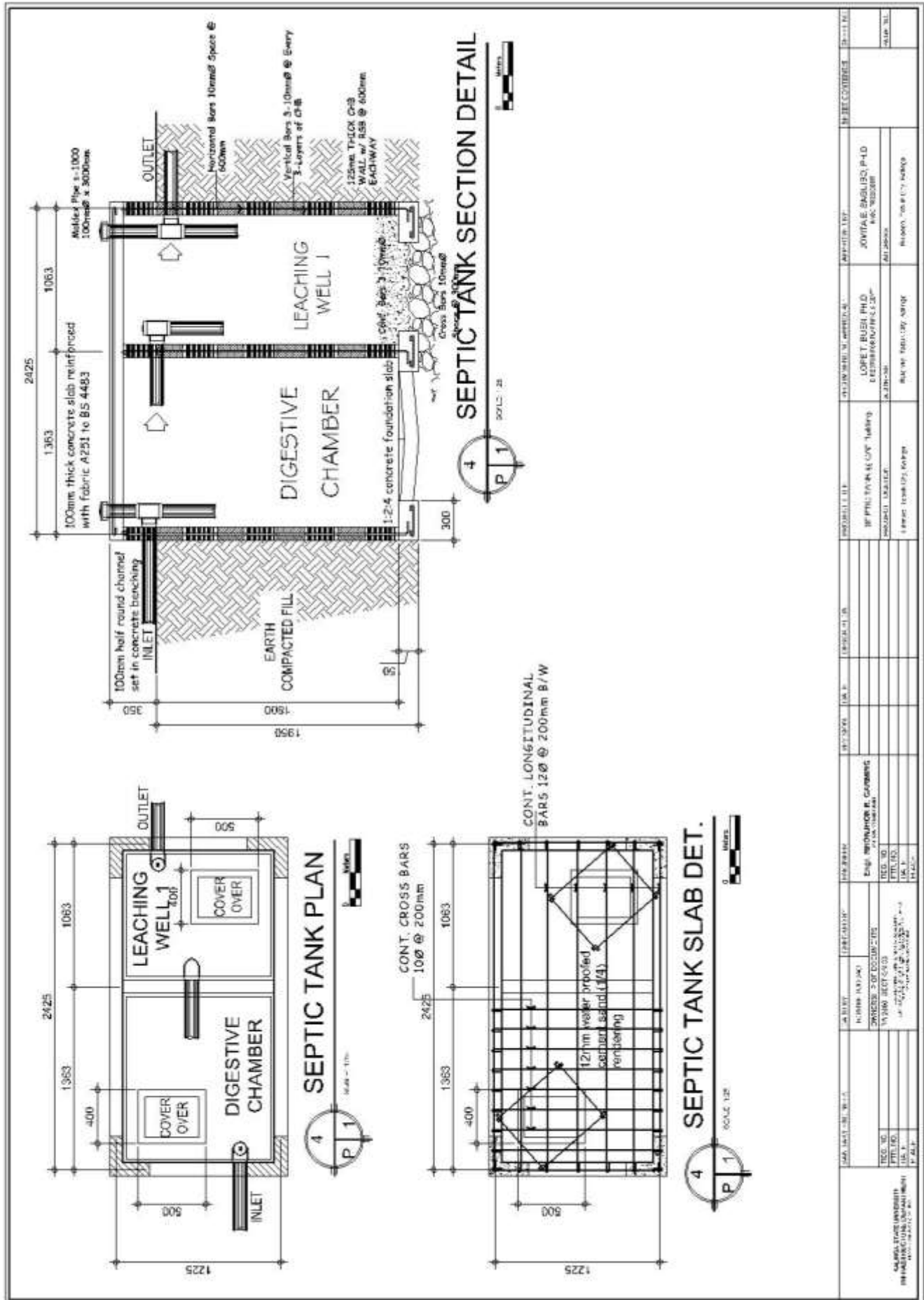


NO.	REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION
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2. Repair of Comfort Room at CAF Building Right Wing:

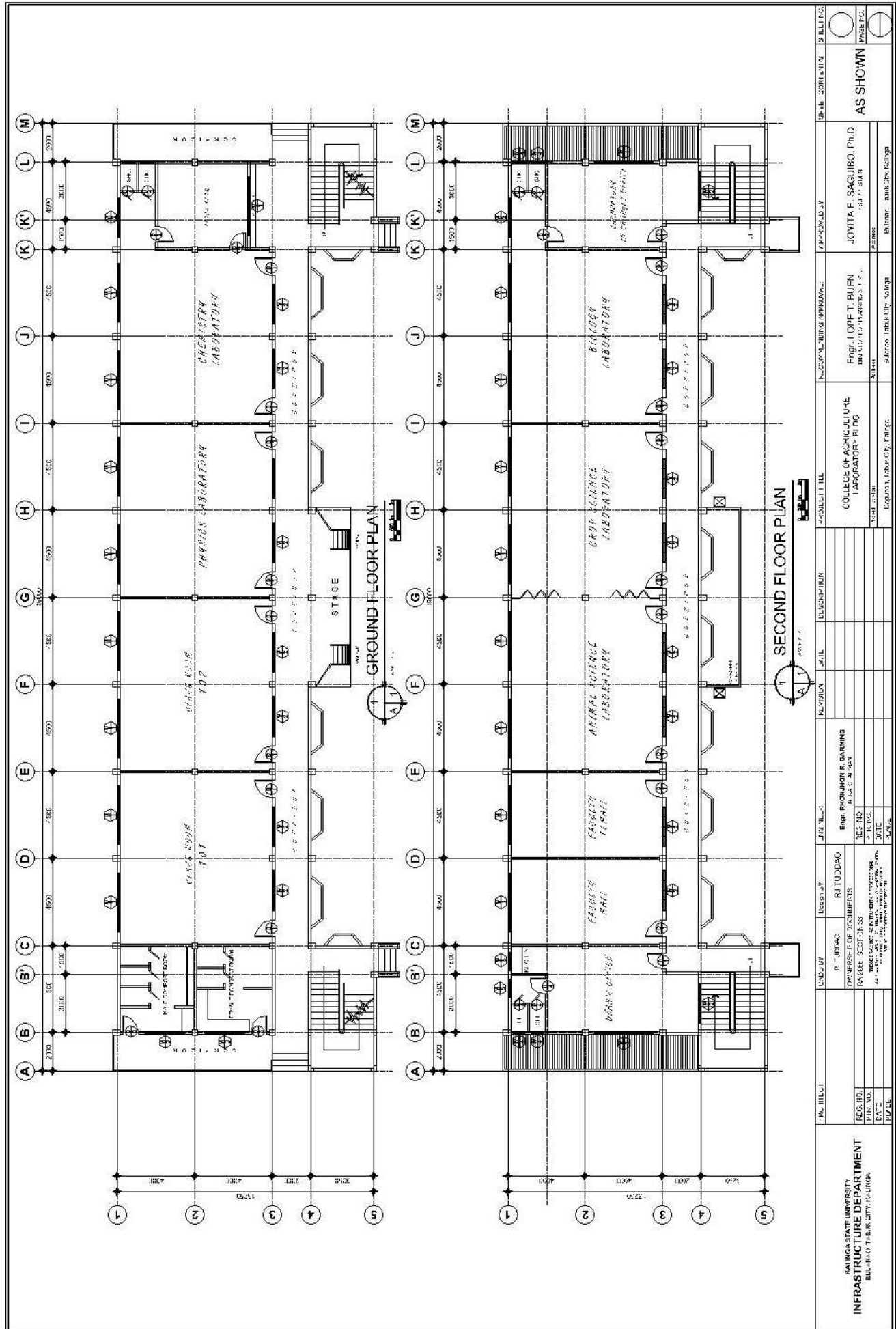




DESIGNER	ENGR. REYNOLDO B. CARMING	REGISTERED	1977-2000	100%	REGISTERED	1977-2000	100%	REGISTERED	1977-2000	100%	
CLIENT	KALINGA STATE UNIVERSITY	PROJECT NO.	IB 2016-01-06	DATE	2016-01-06	SCALE	1/25	PROJECT	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA
DATE	2016-01-06	PROJECT NO.	IB 2016-01-06	SCALE	1/25	PROJECT	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA	DESIGNER	ENGR. REYNOLDO B. CARMING
DESIGNER	ENGR. REYNOLDO B. CARMING	REGISTERED	1977-2000	100%	REGISTERED	1977-2000	100%	REGISTERED	1977-2000	100%	
CLIENT	KALINGA STATE UNIVERSITY	PROJECT NO.	IB 2016-01-06	DATE	2016-01-06	SCALE	1/25	PROJECT	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA



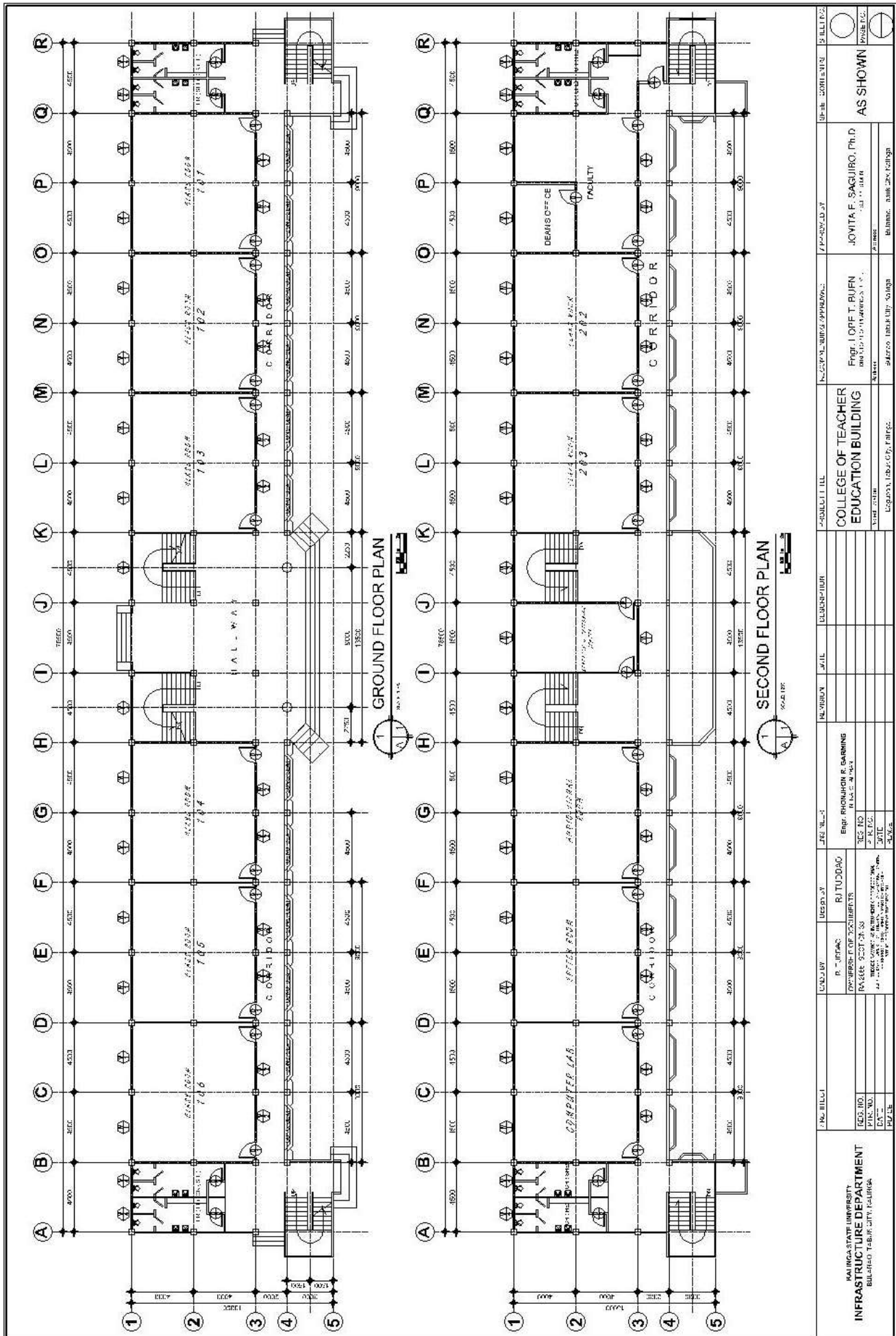
4. Various Repairs of Agricultural Technology Building:



KALINGA STATE UNIVERSITY INFRASTRUCTURE DEPARTMENT BULANAO T.B.M. CITY, KALINGA		PROJECT TITLE COLLEGE OF AGRICULTURE LABORATORY BLDG		PROJECT NO. 10000000000000000000		DATE 10/10/2016		SCALE AS SHOWN	
DESIGNED BY R. T. JEFFAC REGISTERED ARCHITECT NO. 10000000000000000000	CHECKED BY R. T. JEFFAC REGISTERED ARCHITECT NO. 10000000000000000000	DATE 10/10/2016	PROJECT NO. 10000000000000000000	PROJECT TITLE COLLEGE OF AGRICULTURE LABORATORY BLDG	PROJECT NO. 10000000000000000000	DATE 10/10/2016	SCALE AS SHOWN	APPROVED BY JOVITA F. SAGUIRO, Ph.D. Dean Bulanao, Tabuk City, Kalinga	
DESIGNED BY R. T. JEFFAC REGISTERED ARCHITECT NO. 10000000000000000000	CHECKED BY R. T. JEFFAC REGISTERED ARCHITECT NO. 10000000000000000000	DATE 10/10/2016	PROJECT NO. 10000000000000000000	PROJECT TITLE COLLEGE OF AGRICULTURE LABORATORY BLDG	PROJECT NO. 10000000000000000000	DATE 10/10/2016	SCALE AS SHOWN	APPROVED BY JOVITA F. SAGUIRO, Ph.D. Dean Bulanao, Tabuk City, Kalinga	



5. Repair of CTE Building:

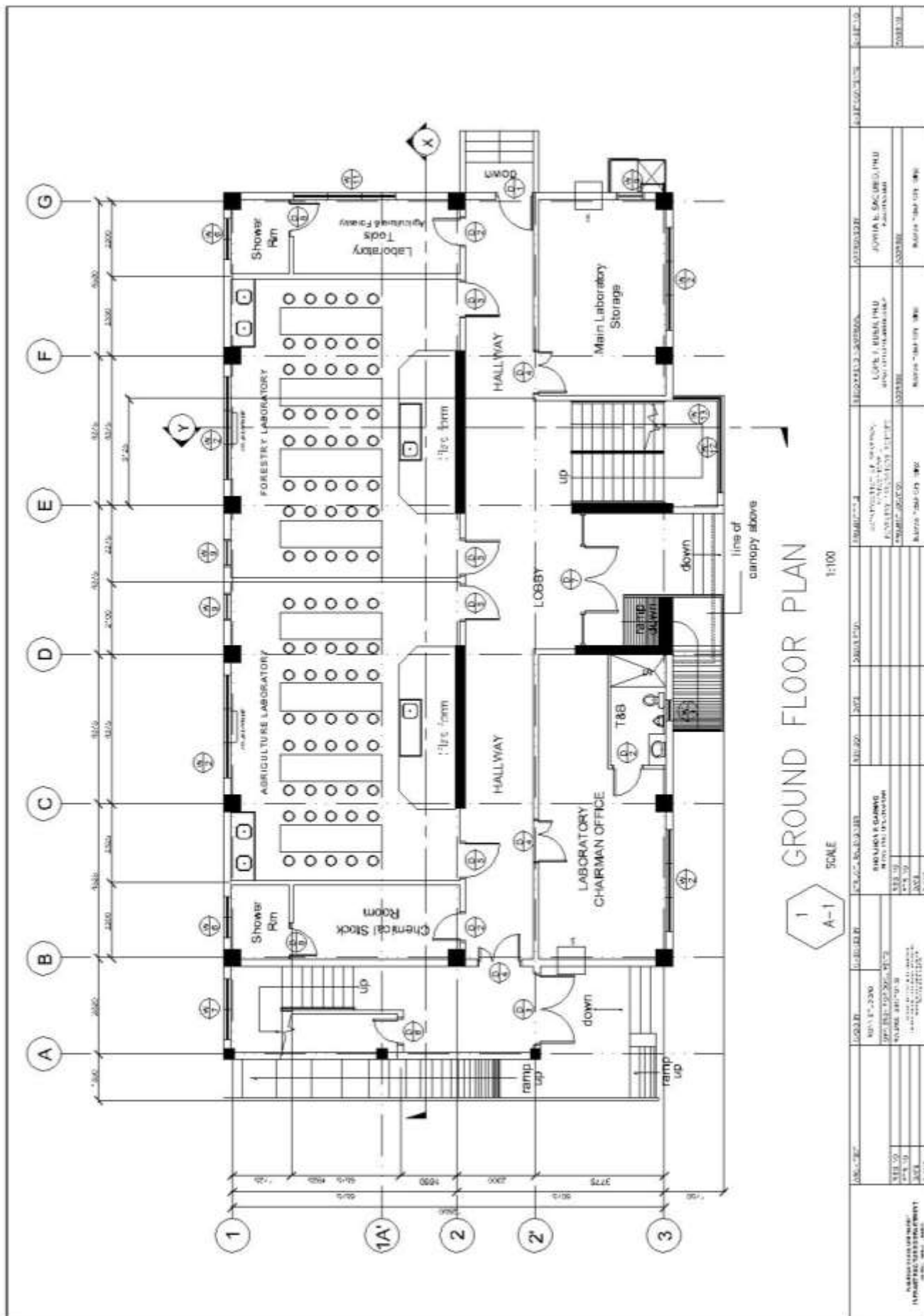


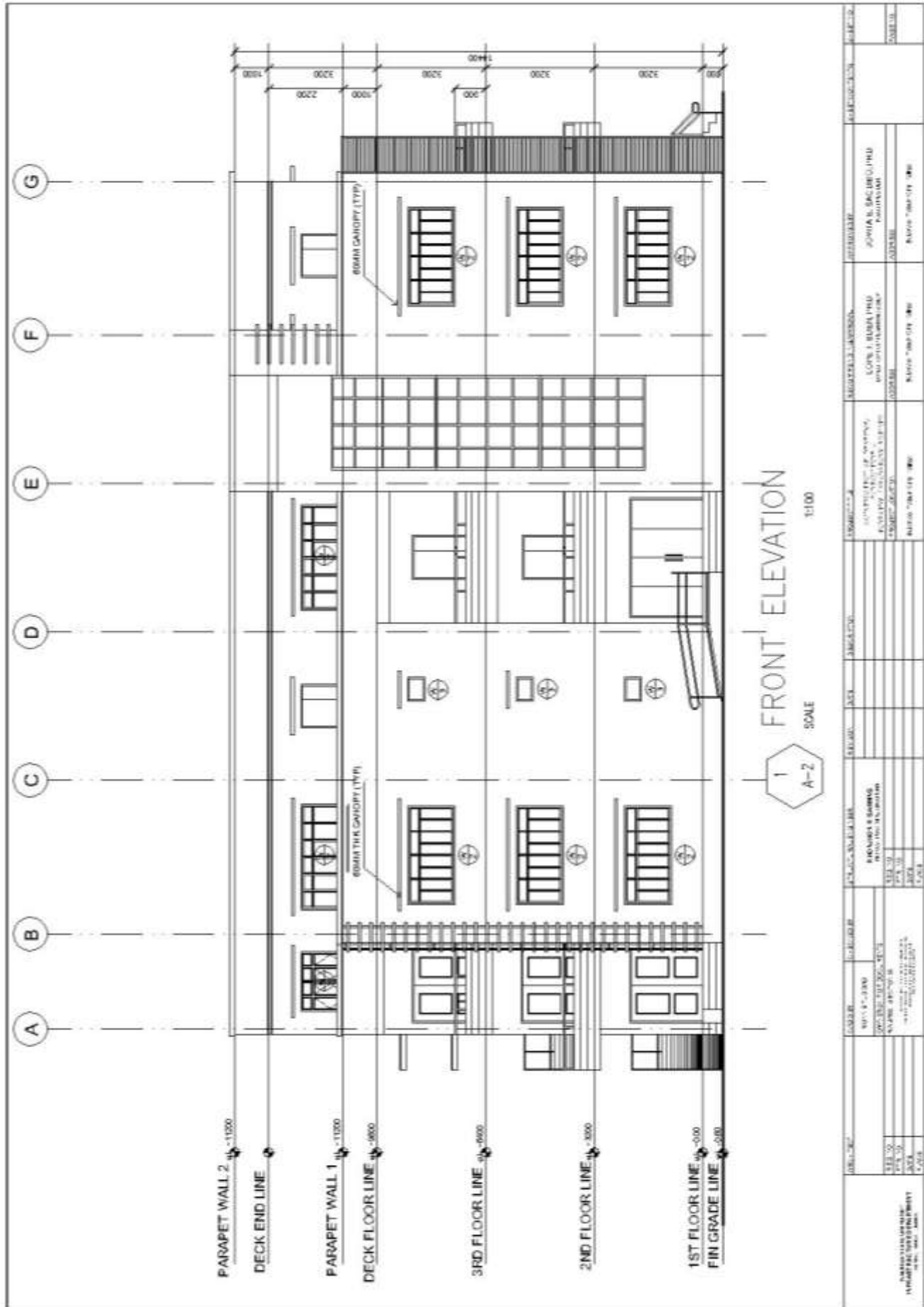
KALINGA STATE UNIVERSITY INFRASTRUCTURE DEPARTMENT BULANAO, TABUK CITY, KALINGA	DESIGNER	Engr. RICHARDON R. BARRING R.I.C. No. 10124	APPROVER	Engr. JONITA F. SAGUIRO, Ph.D. R.I.C. No. 10124	DATE	10/10/16	
	DESIGNER	Engr. RICHARDON R. BARRING R.I.C. No. 10124	APPROVER	Engr. JONITA F. SAGUIRO, Ph.D. R.I.C. No. 10124	DATE	10/10/16	
PROJECT NO.	IB 2016-01-06	PROJECT NAME	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	PROJECT LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA	PROJECT PHASE	AS SHOWN
PROJECT NO.	IB 2016-01-06	PROJECT NAME	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	PROJECT LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA	PROJECT PHASE	AS SHOWN
PROJECT NO.	IB 2016-01-06	PROJECT NAME	CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS	PROJECT LOCATION	KSU CAMPUS IN BULANAO AND DAGUPAN IN THE CITY OF TABUK AND RIZAL CAMPUS IN THE MUNICIPALITY OF RIZAL KALINGA	PROJECT PHASE	AS SHOWN

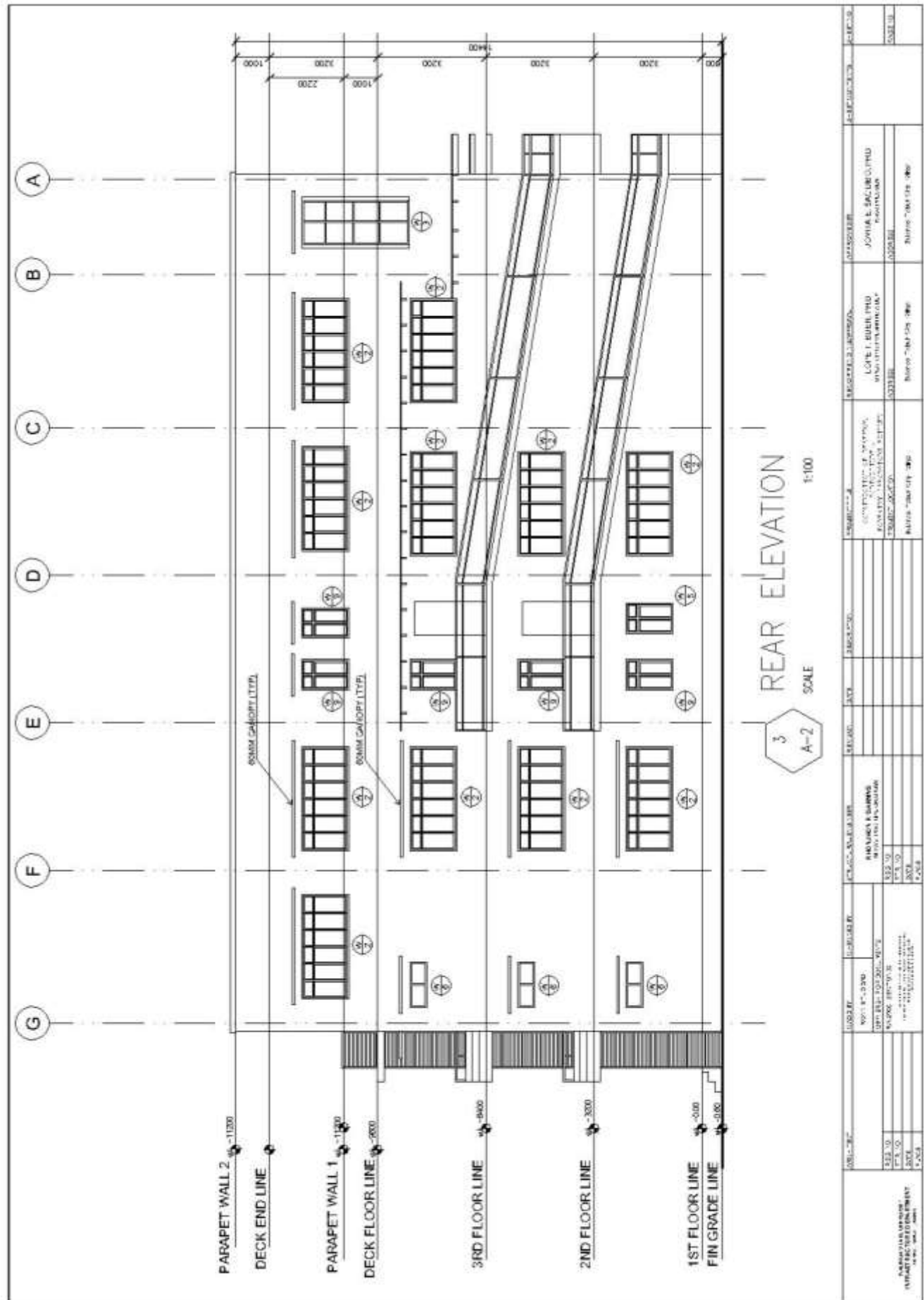


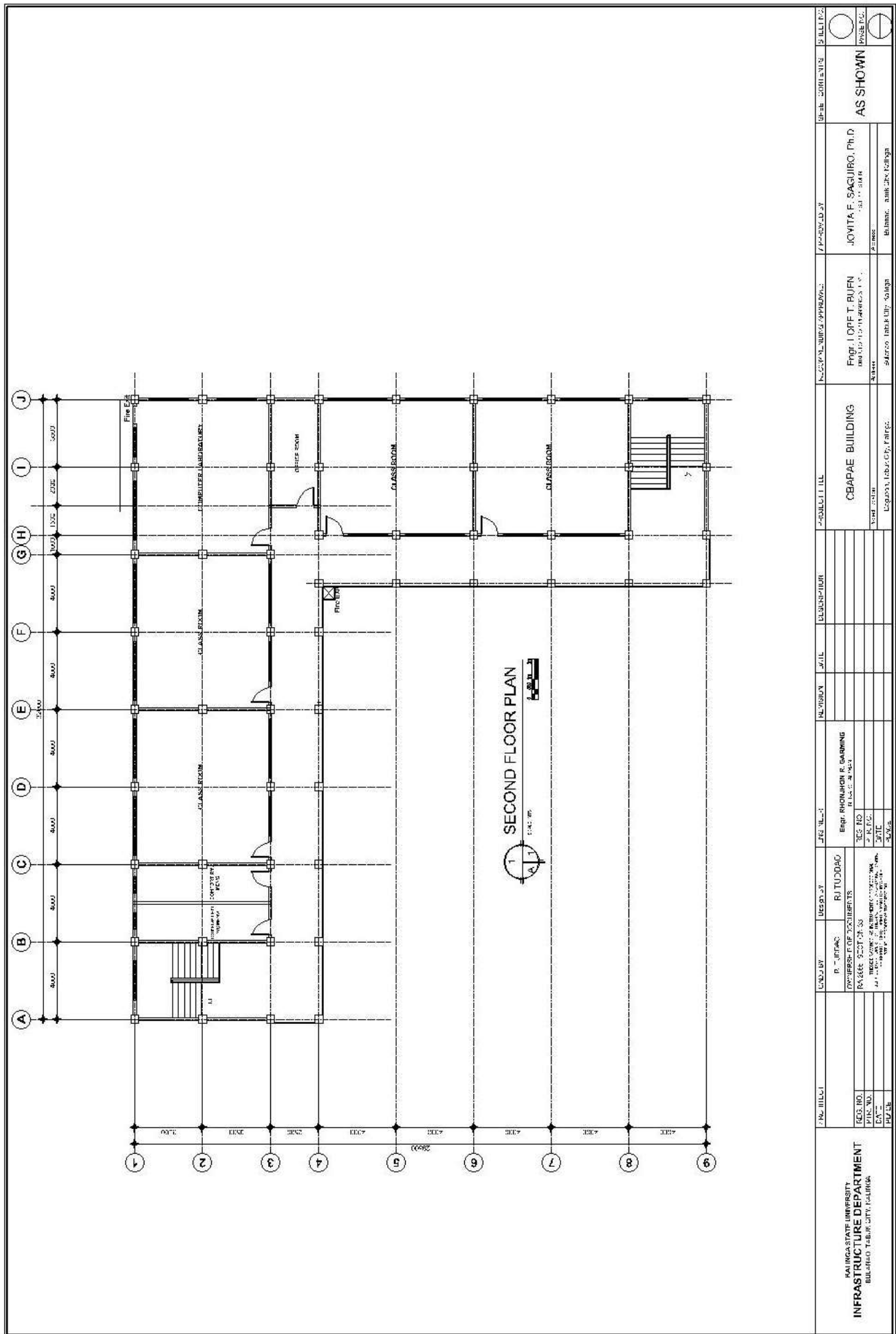
6. Various Repairs of CAF Laboratory Building:



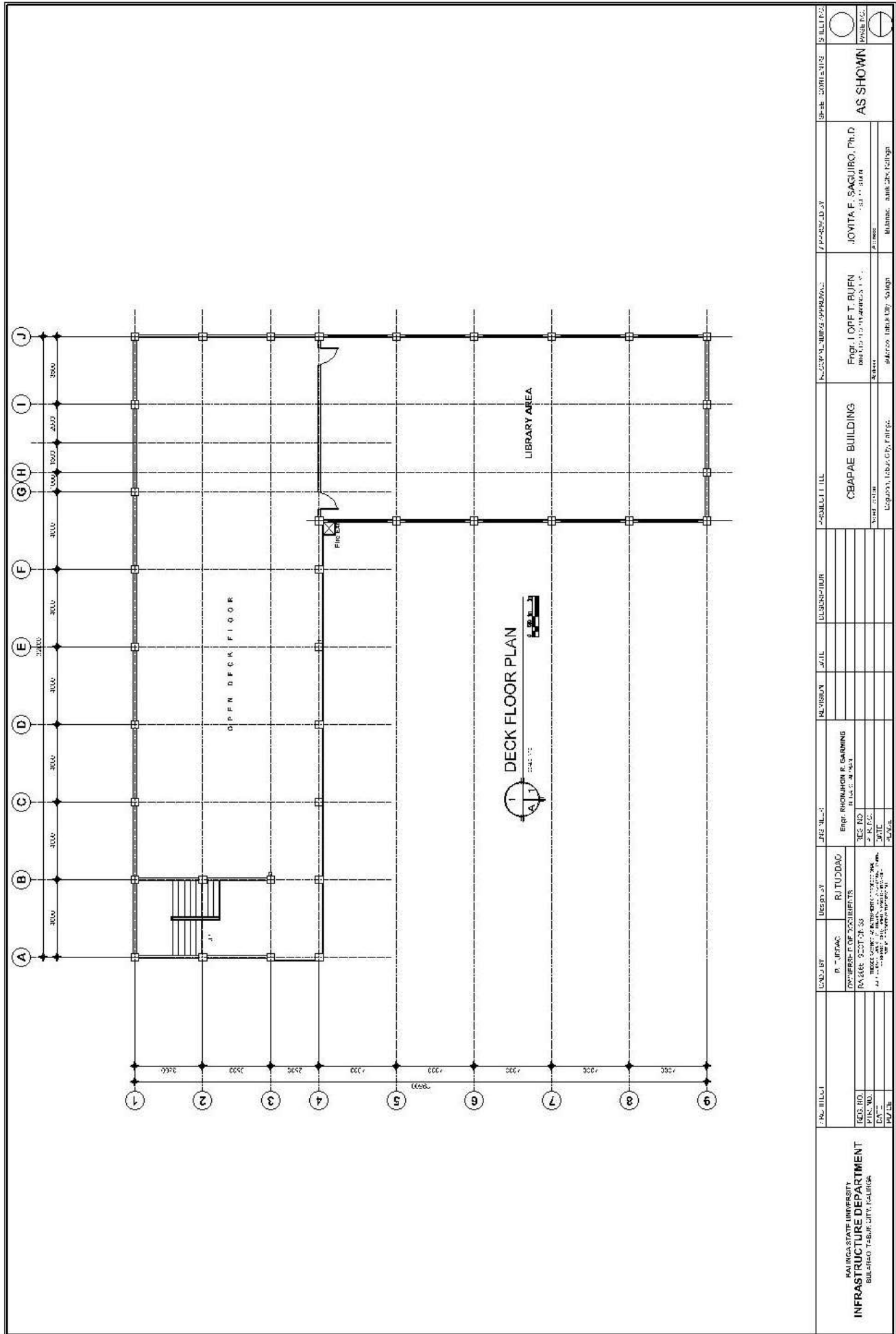








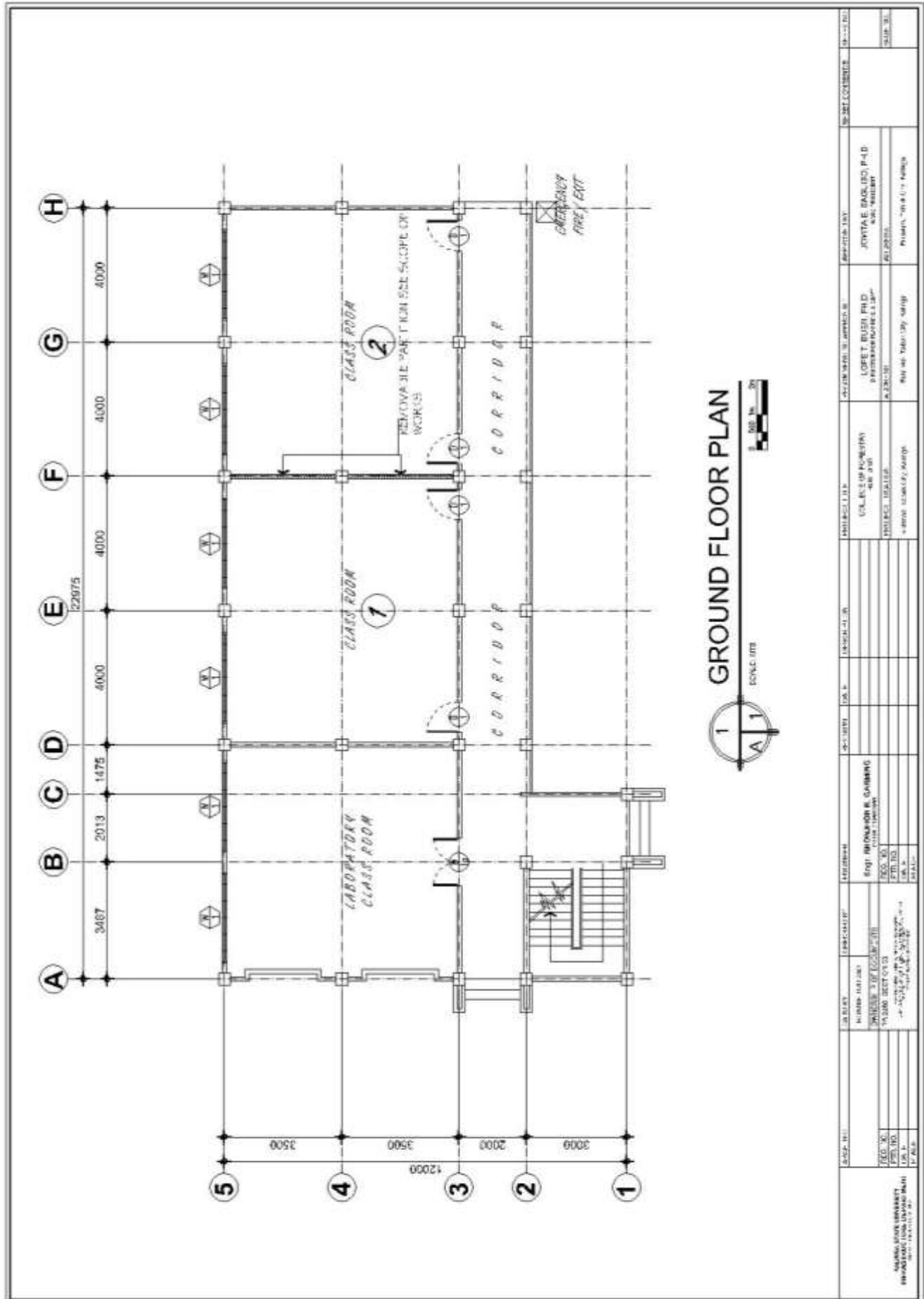
KALINGA STATE UNIVERSITY INFRASTRUCTURE DEPARTMENT BUILDING TABUK CITY, KALINGA	PROJ. NO. DES. NO. PERS. NO. DATE SCALE	DESIGNED BY CHECKED BY DATE	DRAWN BY DATE	TITLE DESCRIPTION DATE	PROJECT TITLE LOCATION DATE	APPROVED BY NAME POSITION DATE	PROJECT NO. DATE	SHEET NO. TOTAL SHEETS
	KALINGA STATE UNIVERSITY INFRASTRUCTURE DEPARTMENT BUILDING TABUK CITY, KALINGA	PROJ. NO. DES. NO. PERS. NO. DATE SCALE	DESIGNED BY CHECKED BY DATE	DRAWN BY DATE	TITLE DESCRIPTION DATE	PROJECT TITLE LOCATION DATE	APPROVED BY NAME POSITION DATE	PROJECT NO. DATE



KALINGA STATE UNIVERSITY INFRASTRUCTURE DEPARTMENT BULANAO, TABUK CITY, KALINGA	PROJ. NO. DES. NO. DATE	LANDLORD R. T. POCAC ENGINEER FOR EXHIBITS RAFAEL S. TORRES	DESIGNER RJ TUDDAG ENGINEER FOR EXHIBITS	CHECKER ENGR. RICHARD R. BARRING R.L.C.E.	APPROVED BY ENGR. JOYNT T. PUEN R.L.C.E.	PROJECT APPROVAL ENGR. JOYNT T. PUEN R.L.C.E.	PROJECT NO. AS SHOWN	SHEET NO. AS SHOWN
	PROJECT TITLE CBAPAE BUILDING	PROJECT LOCATION Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan	PROJECT NO. Logos, Tabuk City, Pangasinan

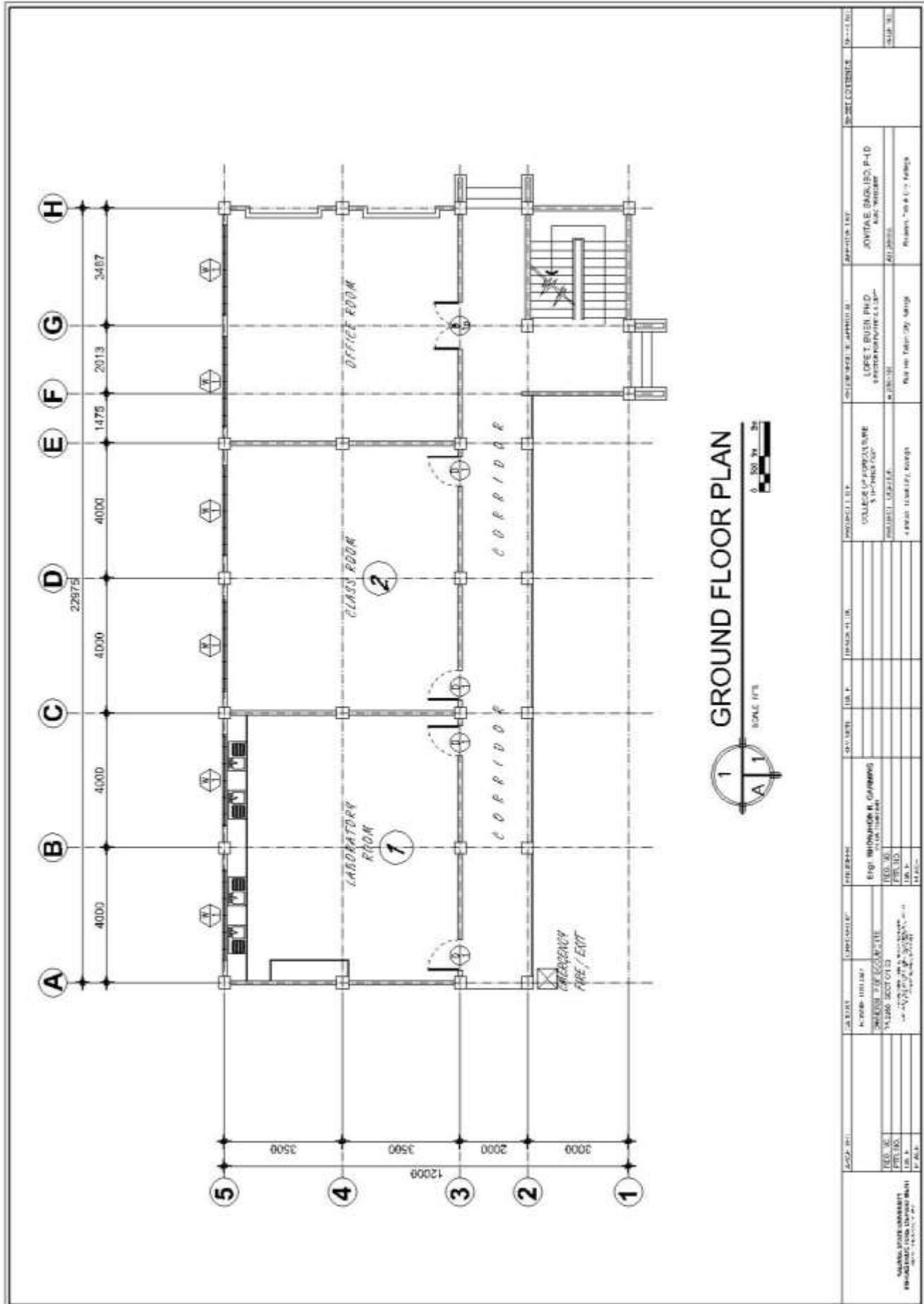


9. Various Repairs of Forestry Building:



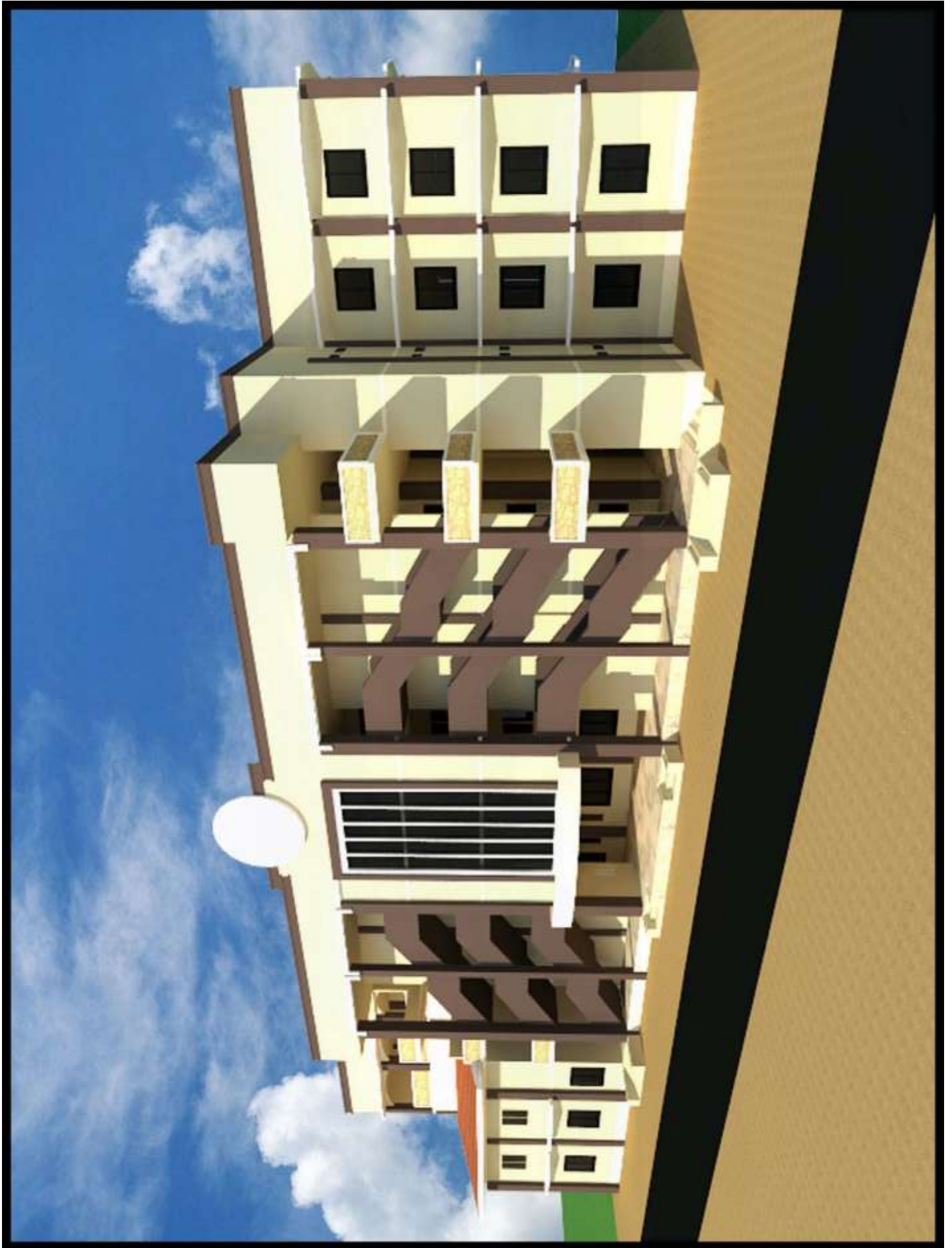


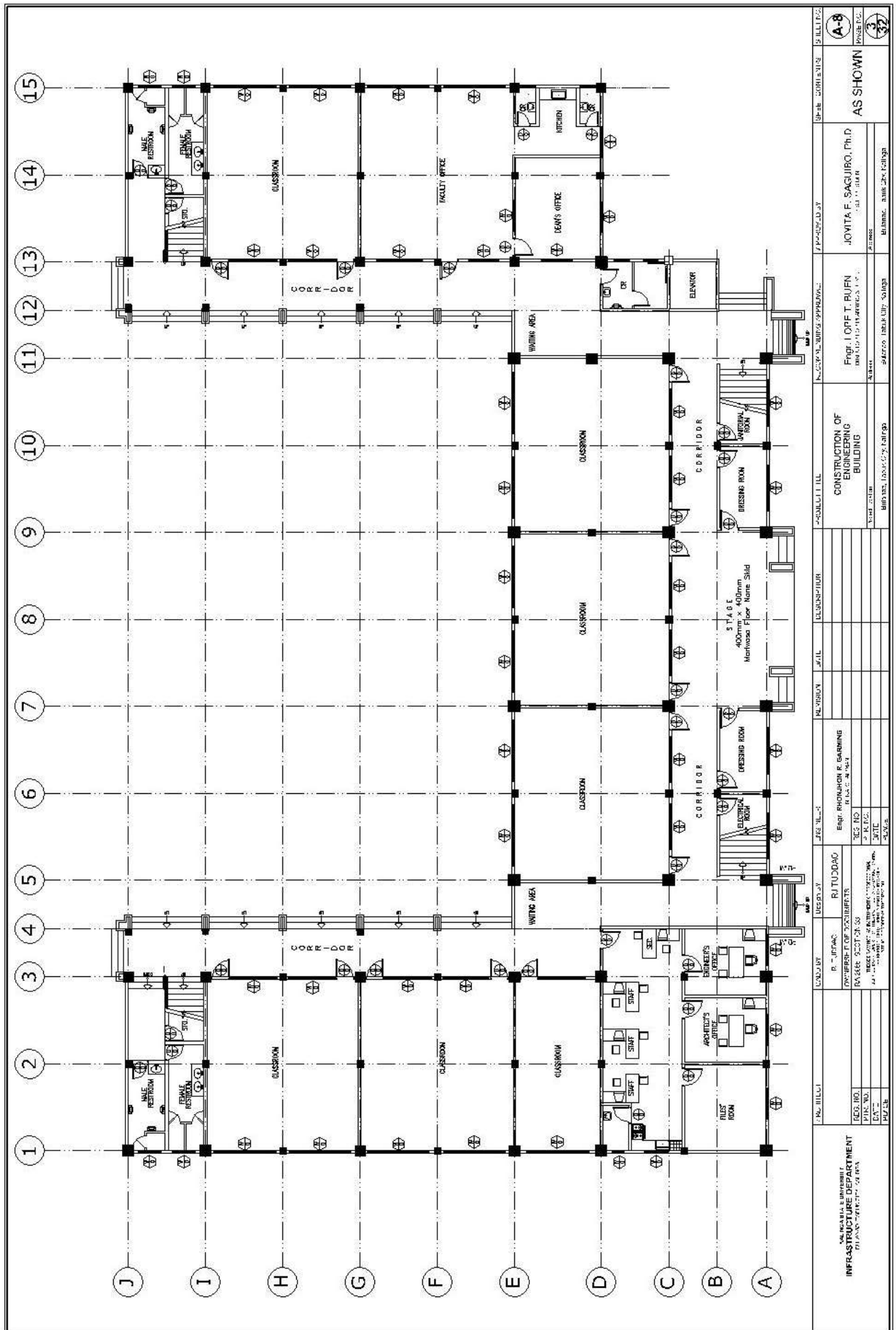
10. Various Repairs at TECHVOC 1 Building:

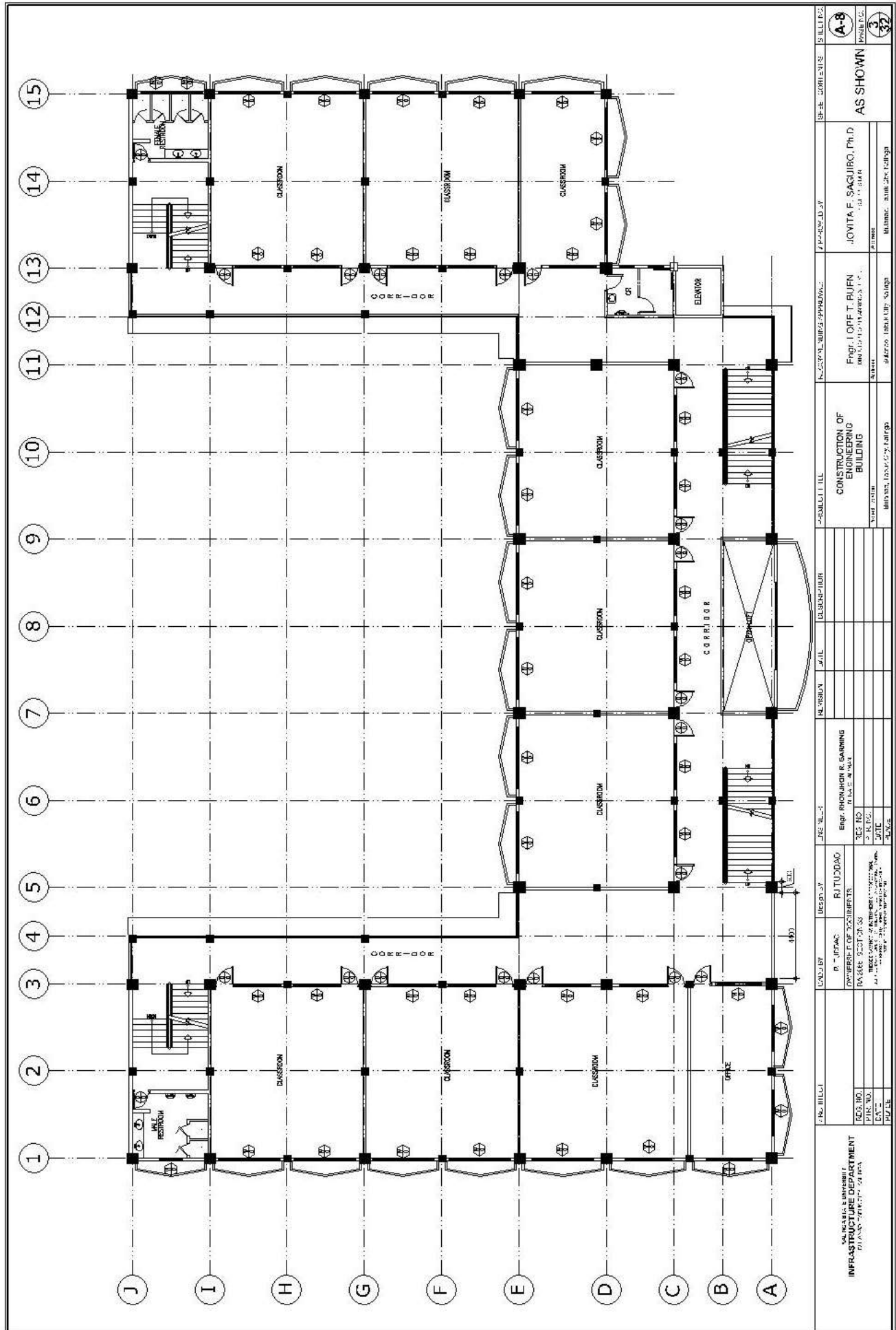


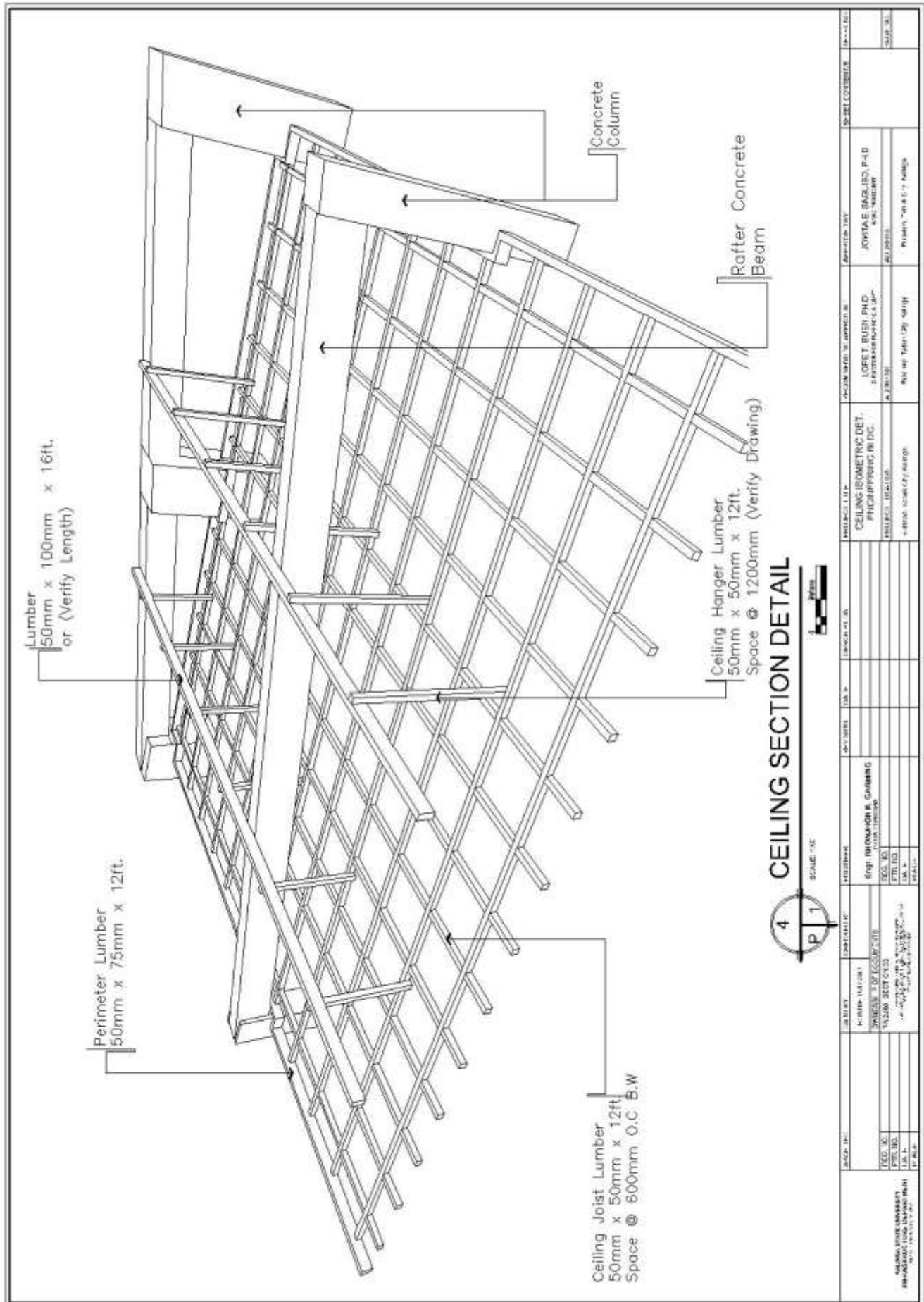


12. Construction of Engineering Building – Phase IV:









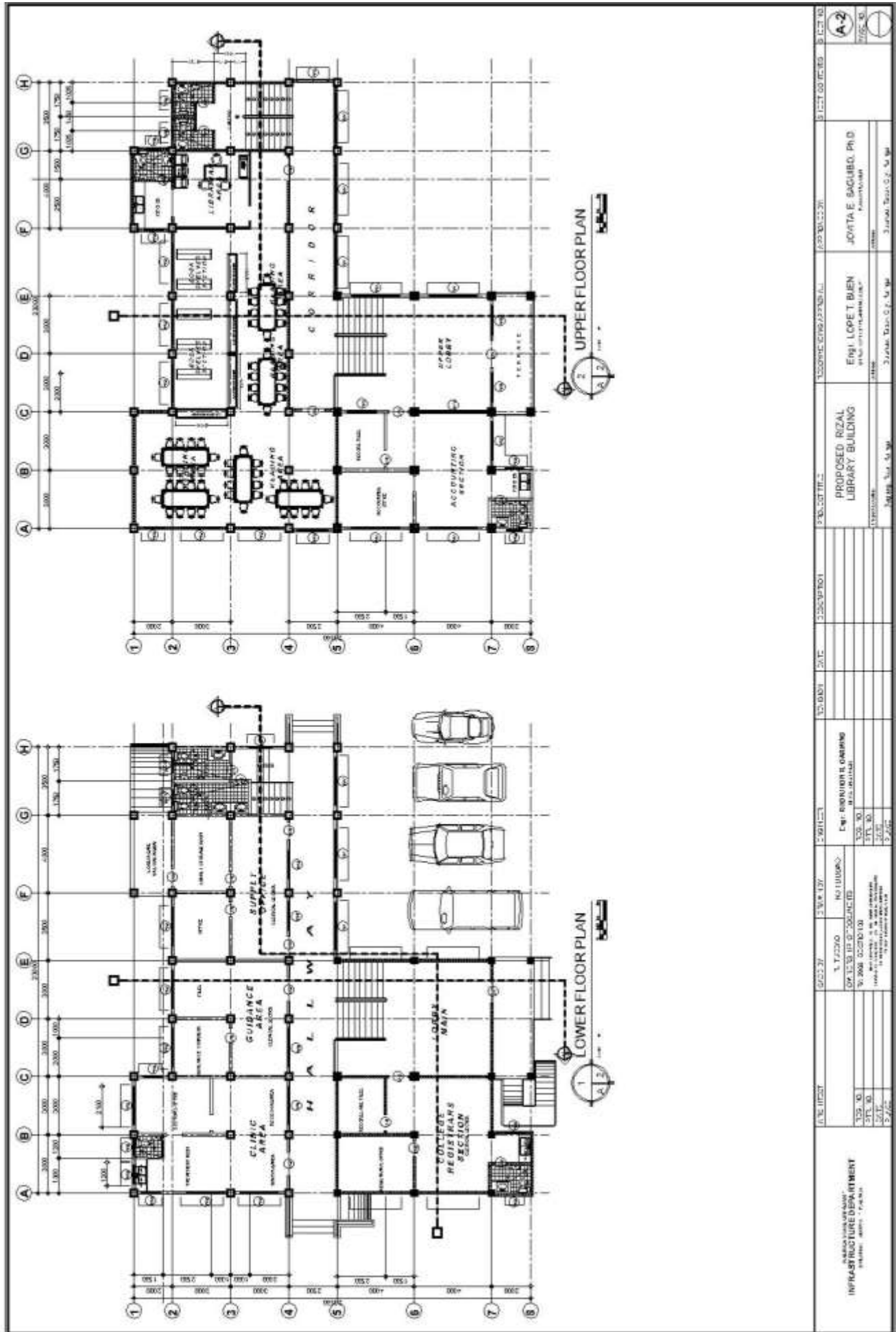
4 P.1 SCALE 1/8
 CEILING SECTION DETAIL

KALINGA STATE UNIVERSITY ENGINEERING DEPARTMENT		DATE: 10/20/16 DRAWN BY: J. B. B.	CHECKED BY: J. B. B.	APPROVED BY: J. B. B.	PROJECT: KALINGA STATE UNIVERSITY BUILDING: BULANAO CAMPUS	DESIGNER: J. B. B.	DATE: 10/20/16	DRAWN BY: J. B. B.	CHECKED BY: J. B. B.	APPROVED BY: J. B. B.	PROJECT: KALINGA STATE UNIVERSITY BUILDING: BULANAO CAMPUS	DESIGNER: J. B. B.	DATE: 10/20/16
KALINGA STATE UNIVERSITY ENGINEERING DEPARTMENT		DATE: 10/20/16 DRAWN BY: J. B. B.	CHECKED BY: J. B. B.	APPROVED BY: J. B. B.	PROJECT: KALINGA STATE UNIVERSITY BUILDING: BULANAO CAMPUS	DESIGNER: J. B. B.	DATE: 10/20/16	DRAWN BY: J. B. B.	CHECKED BY: J. B. B.	APPROVED BY: J. B. B.	PROJECT: KALINGA STATE UNIVERSITY BUILDING: BULANAO CAMPUS	DESIGNER: J. B. B.	DATE: 10/20/16



13. Construction of Rizal Campus Library Building – Phase V:



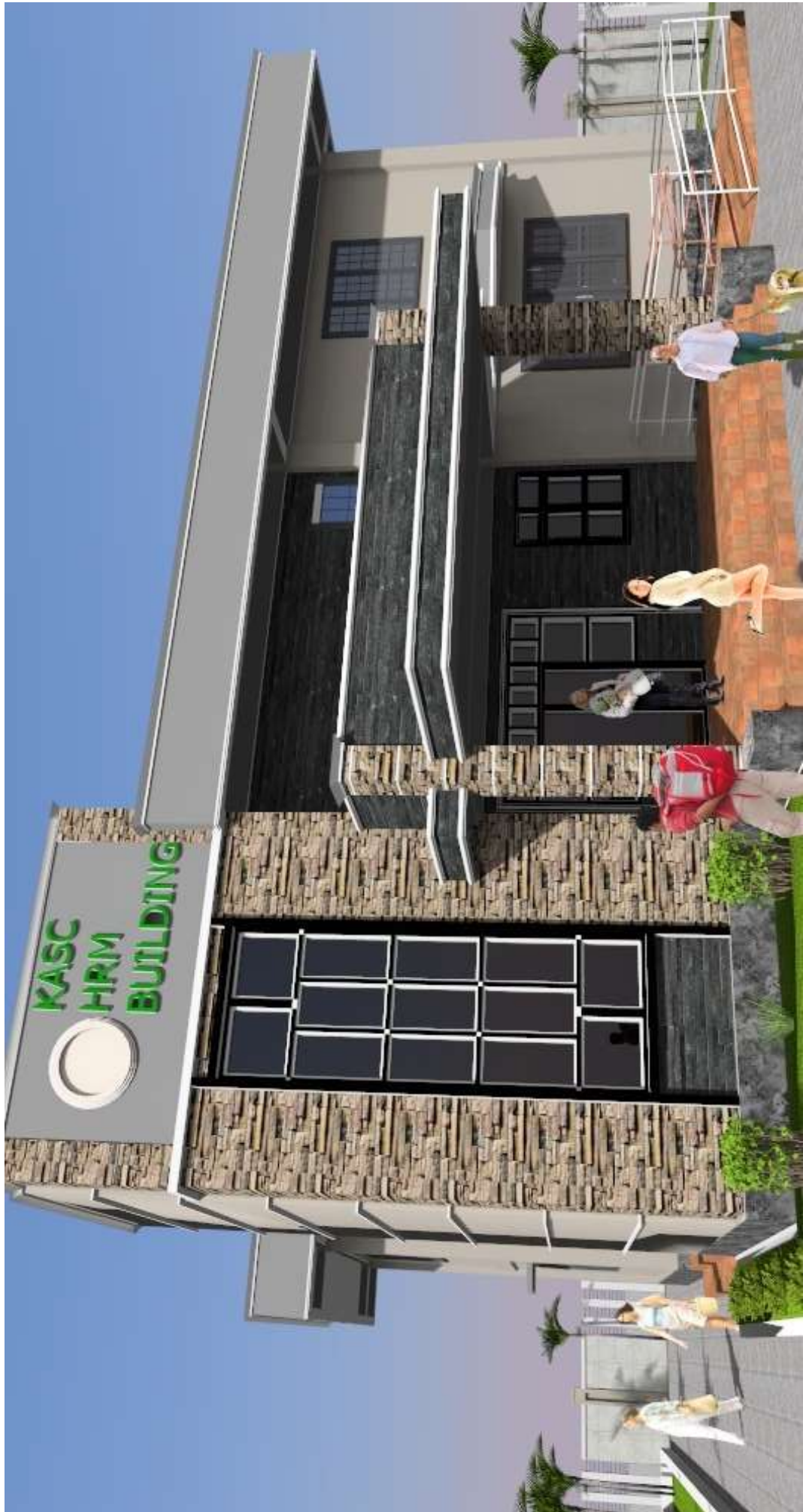


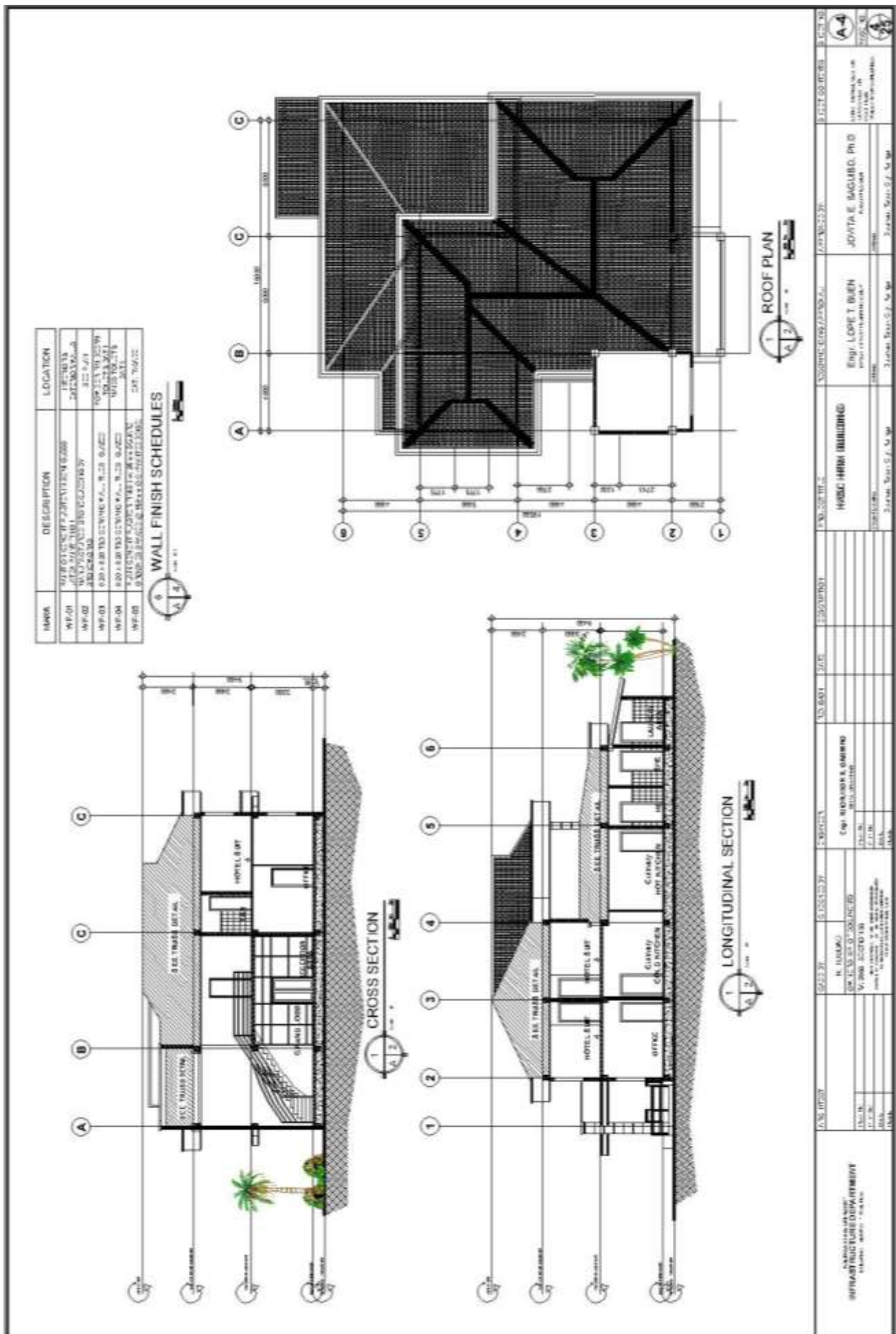
INFRASTRUCTURE DEPARTMENT Tabuk, Kalinga	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06	DATE: 05/05/2017 DRAWN BY: J. T. 22200 CHECKED BY: J. T. 22200 PROJECT NO.: 16-01-06-01-06
	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200	ENGINEER: ENGR. RICHARD S. DAWING ARCHITECT: ARCH. J. T. 22200

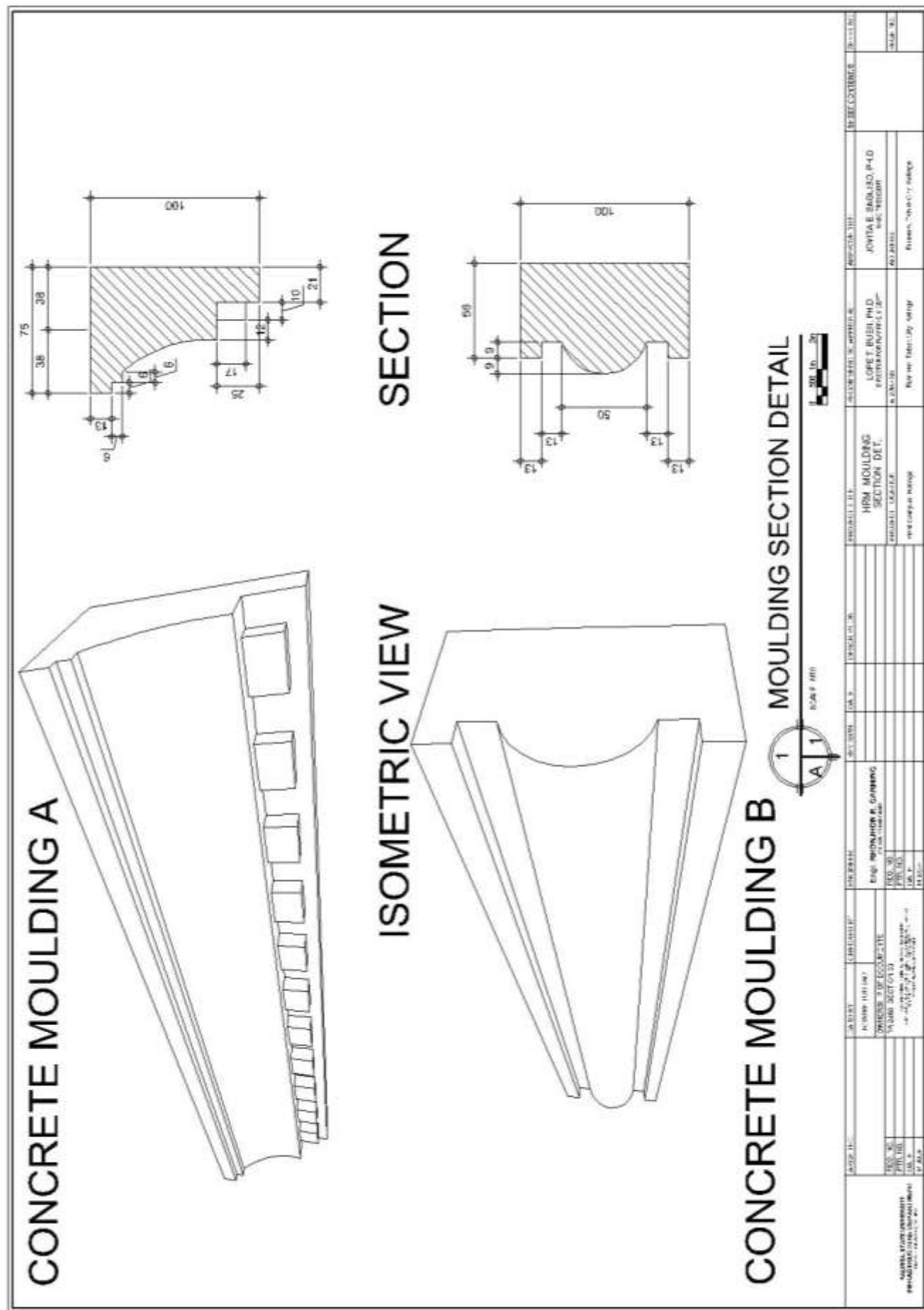




14. Construction of HRM Building – Phase IV:





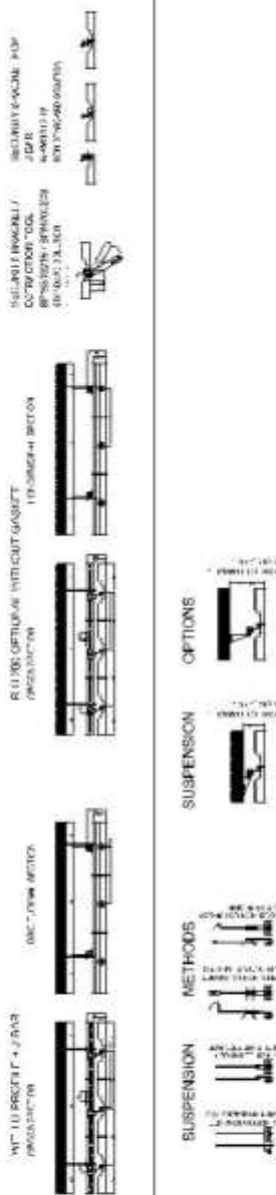




SPANDREL CEILING DET.

R-H 200

SECTIONS & DETAILS



TRANSITIONS



PERIMETER TRIM



PARAMETERS

STANDARD / SEMI-STANDARD COLOURS



STANDARD PATTERNS




NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL	REMARKS								
1	R-H 200 SPANDREL CEILING	SQ. M												
2	PERIMETER TRIM	M												
3	TRANSITION	M												
4	STANDARD PATTERNS	EA												
5	STANDARD / SEMI-STANDARD COLOURS	EA												
<p>APPROVED BY:</p> <table border="0"> <tr> <td>PROJECT MGR:</td> <td>MR. SPANDREL</td> </tr> <tr> <td>PROJ. ENGR. IN CHARGE:</td> <td>MR. SPANDREL</td> </tr> <tr> <td>PROJ. ENGR.:</td> <td>MR. SPANDREL</td> </tr> <tr> <td>PROJ. ENGR. SUPERVISOR:</td> <td>MR. SPANDREL</td> </tr> </table>							PROJECT MGR:	MR. SPANDREL	PROJ. ENGR. IN CHARGE:	MR. SPANDREL	PROJ. ENGR.:	MR. SPANDREL	PROJ. ENGR. SUPERVISOR:	MR. SPANDREL
PROJECT MGR:	MR. SPANDREL													
PROJ. ENGR. IN CHARGE:	MR. SPANDREL													
PROJ. ENGR.:	MR. SPANDREL													
PROJ. ENGR. SUPERVISOR:	MR. SPANDREL													




MODULES

MODULE F 1800 x 450 MM



SP-18456 18x45
SP-18456 18x45
SP-18510 PD 1832
SP-18456 PD 1832


MODULE F 2100 x 400 MM




SP-21406 21x40
SP-21406 21x40
SP-21510 PD 1832
SP-21406 PD 1832

CONFIGURABLE


CONFIGURABLE SIZE




CONFIGURABLE SIZE - LONG SIDE SUSPENDED



STANDARD LAYOUTS REFLECTED CEILING PLAN







TYPICAL GRID LAYOUT







PANEL INSERTION / EXTRACTION

INSERTION

EXTRACTION

PROJECT NO.		CLIENT		DESIGNER		PROJECT TITLE		DATE COVERED	
CLIENT	KALINGA STATE UNIVERSITY DAGUPAN CAMPUS	DESIGNER	ENR. REYNOLDO B. GARDING 1800 301 15,000 SCOTCRD DAGUPAN, KALINGA	PROJECT TITLE	HRM SP ANDREEL CEILING EXTERIOR REPAIR	DATE COVERED	19-11-2016		
PROJECT NO.		CLIENT		DESIGNER		PROJECT TITLE		DATE COVERED	
PROJECT NO.		CLIENT		DESIGNER		PROJECT TITLE		DATE COVERED	

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Section VIII. Bill of Quantities

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BILL OF QUANTITIES

1. Repair of Comfort Room at CAF Building Left Wing:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
802	Structure Excavation	2.10	cu.m
101(6)	Removal of structure & Obstruction(Chiselling Works)	1.73	cu. m.
900(1)c2	Structural Concrete (Slab on fill)	1.73	cu.m.
1018	Tiling	20.35	sq.m
1003(1) c2	Ceiling	58.50	sq.m
1010(2) a	Doors	9.36	sq. m.
1032(1)	Painting	216.25	sq.m.
1002	Plumbing	36.00	l.m.

2. Repair of Comfort Room at CAF Building Right Wing:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
802	Structure Excavation	0.45	cu.m
101(6)	Removal of structure & Obstruction(Chiselling Works)	0.11	cu. m.
900(1)c2	Structural Concrete (Slab on fill)	0.11	cu.m
1018	Tiling	9.60	sq.m
1010(2) a	Doors	4.76	sqm.
1032(1)	Painting	113.98	sq.m.
1002	Plumbing	6.00	l.m.

3. Repair of KSU High School Laboratory Building:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
1032(1)a1	Painting (Masonry/Concrete)	1830.22	sq.m
1032(1)a3	Painting (Roofing & Grills)	1179.07	sq.m
1003.00	Carpentry Works	396.26	SQ.M.
1009.00	Repair of Jalousie window, Glass	195.16	sq.m
1010.00	Doors & Door Jambs	2.10	sq.m.
1102.00	Power Load Center, switches & Panel Boards	21.00	sets
903(1)	Scaffoldings	1.00	lot
SPL	Project Billboard	1.00	piece



BILL OF QUANTITIES

4. Various repair of Agricultural Technology Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	338.25	sq.m
1032(1)a1	Painting (Masonry/Concrete)	1320.86	sq.m
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	432.25	sq.m
1009	Repair of Jalousie windows	0.39	sq.m
1005	Repair of Steel Casement Window	5.36	sq.m
1010	Doors & Door Jambs	2.10	sq.m.
1102(a1)	Lighting Fixtures	33.00	set
1003	Ceiling	28.40	sq.m.
903(1)	Scaffoldings	1.00	lot
1021	Plain Cement Finish (Patching of concrete)	0.36	sq.m
1013(2) a	Repair Ridge Cap	31.88	ln.m
SPL	Project Billboard	1.00	pc

5. Repair of CTE Building:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	1163.88	sq.m
1032(1)a1	Painting (Masonry/Concrete)	2181.98	sq.m
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	1158.28	sq.m
1009	Repair of Jalousie windows	41.602	sq.m
1005	Repair of Steel Casement Window	5.36	sq.m
1010 (a)	Doors & Door Frames (jambs, sills, head, transoms and mullions)	7	set
1102(a1)	Electrical works (lighting and Appliance outlets)	28	set
1003	Ceiling	15.84	sq.m.
903(1)	Scaffoldings	1	lot
1002	Plumbing	6	l.m.
SPL	Masonry Works (stone Cladding)	18.30	sq.m.
	Tileworks	59.86	sq.m.

6. Various Repairs of CAF Laboratory Building:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	757.80	sq.m
1032(1)a1	Painting (Masonry/Concrete)	2,202.42	sq.m
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	923.62	sq.m
1009	Repair of Jalousie windows	2.95	sq.m
1005	Repair of Steel Casement Window	5.36	sq.m
1010	Doors & Door Jambs	12.53	sq.m.
1102(a1)	Lighting Fixtures	13.00	set
903(1)	Scaffoldings	1.00	lot
1002	Plumbing	24.00	l.m.
SPL1	Construction of Septic Tank	1.00	unit
1016(1)	Water Proofing	40.30	sq.m



7. Various Repairs of CBAE Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1009	Repair of Jalousie windows	3.07	sq.m
1005	Repair of Steel Casement Window	0.83	sq.m
1010 (a)	Doors & Door Jambs	3.00	sets
1102(a1)	Electrical works (lighting and Appliance outlets)	12.00	sets
1003	Movable Partition	19.20	sq.m

8. Various Repair of CLA Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1009	Repair of Jalousie windows	3.07	sq.m
1005	Repair of Steel Casement Window	5.36	sq.m
1010	Doors & Door Jambs	2.10	sq.m.
1102(a1)	Electrical works (lighting and Appliance outlet)	26.00	set
1044(2)	Door Partition	19.20	sq.m
1002	Plumbing	3.00	l.m
1002(2)	Water Line	18.00	l.m.
1016(1)	Water Proofing	165.38	sq.m

9. Various Repairs of Forestry Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	434.25	sq.m
1032(1)a1	Painting (Masonry/Concrete)	1320.86	sq.m
1032(1)a3	Painting Roofing, window Frames, Grills, Steel Doors & Fire exit	322.01	sq.m
1009	Repair of Jalousie windows	0.17	sq.m
1005	Repair of Steel Casement Window	5.36	sq.m
1010	Doors & Door Jambs	2.1	sq.m.
1102(a1)	Lighting Fixtures	33	set
1003	Ceiling & Partition	59.13	sq.m.
903(1)	Scaffoldings	1	lot
1021	Plain Cement Finish (Patching of concrete)	0.36	sq.m
1013(2) a	Repair Ridge Cap	31.88	ln.m

10. Various Repairs at TECHVOC 1 Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	328.08	sq.m
1032(1)a1	Painting (Masonry/Concrete)	501.01	sq.m
1032(1)a3	Painting Roofing, window Frames, Steel Doors	353.42	sq.m
1005	Repair of Steel Casement Window	0.76	sq.m
1102(a1)	Lighting Fixtures	10.00	set
1003	Ceiling	120.66	sq.m.
903(1)	Scaffoldings	1.00	lot



11. Various Repairs at TECHVOC 2 Building:

ITEM NO.	ITEM AND DESCRIPTION	QUANTITY	UNIT
1032(1)a2	Painting (Wood)	210.51	sq.m
1032(1)a1	Painting (Masonry/Concrete)	555.96	sq.m
1032(1)a3	Painting Roofing, window Frames, Steel Doors	464.53	sq.m
1005	Repair of Steel Casement Window	0.76	sq.m
1010 (a)	Doors & Door Jambs	2.00	set
1003	Ceiling	17.28	sq.m.
1102	Power Load Center, switches & Panel Boards	5.00	sets
903(1)	Scaffoldings	1.00	lot

12. Construction of Engineering Building – Phase IV:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
1003(1)c2	CEILING-CARPENTRY AND JOINERY WORKS	575.99	sq.m
1010(2)	DOORS	10.26	sq.m
1003(2)d2	WALL-CARPENTRY AND JOINERY WORKS	24.00	sq.m
1032(1)a2	PAINTING WORKS-WOOD	575.99	sq.m
1027(1)	CEMENT PLASTER FINISH	173.81	sq.m
903(1)	FORMS AND FALSEWORKS	1.00	L.S
1002.00	PLUMBING-ROUGH INS	7.00	pc
1002(5)	PLUMBING WORKS- FIXTURES	18.00	sets
1051(1)	RAILING	6.00	m
1018.00	CERAMIC TILES	582.58	sq.m
1021(1)a	CEMENT FLOOR FINISH	23.72	sq.m
SPL-1	FURNISHING	8.00	sets
SPL-2	KSU LOGO	3.14	sq.m
B.2	PROJECT BILLBOARD	1.00	piece
1007	ANODIZED GLASS PARTITION	23.44	sq.m
B1	PROVISION FOR SAFETY AND HEALTH	1.00	m-days



13. Construction of Rizal Campus Library Building – Phase V:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
802	STRUCTURE EXCAVATION	38.13	cu. m.
804	EMBANKMENT (Selected Fill Materials above Grade)	211.23	cu. m.
1000	TERMITE CONTROL	203.75	sq. m.
900	CONCRETE WORKS	88.12	cu. m.
404	REINFORCING STEEL BARS	11,679.59	kgs.
506	MASONRY WORKS (CHB walls)	921.30	sq.m.
1027	CEMENT PLASTER FINISH	2,299.44	sq.m.
403	METAL STRUCTURES (Steel Truss)	168.00	sq.m.
1013	TINNERY WORKS	168.00	sq. m.
1007-8	DOORS and WINDOWS	170.30	sq. m.
1100	ELECTRICAL WORKS	130.00	outlets
1002	PLUMBING WORKS	165.00	l.m.
1002.2.5	PLUMBING FIXTURES AND FITTINGS	83.00	sets
1002.2.8	DOWNSPOUT	126.00	l.m.
1002.2.2	WATER SUPPLY PIPES AND FITTINGS	348.00	l.m.
SPL I	STAINLESS STEEL RAILINGS	229.00	Ln.m
1018	TILEWORKS	159.53	sq.m.
B.2	PROJECT BILLBOARD	1.00	piece
B1	PROVISION FOR SAFETY AND HEALTH	1.00	LOT

14. Construction of HRM Building – Phase IV:

ITEM NO.	ITEM OF WORK	QUANTITY	UNIT
B.5	Project Billboard	1.00	piece
SPL1	Fixtures	8.00	set
801(6)	Chiseling of Concrete Structures	1.10	cu.m.
900(1)	Reinforced Concrete Class A (Laundry Counter)	0.31	cu.m.
404(1)a	Reinforcing Steel (Laundry Counter)	168.60	kg
506(1)a	CHB Non Load Bearing 4"	69.64	sqm
1027(1)	Cement plaster finish	145.76	sq.m.
406	Pre-fabricated Concrete Cornice	217.35	ln.m.
1046	Masonry Works (stone Cladding)	96.11	sq.m.
1008(1)d	Aluminum Glass Window (Fixed Type)	15.48	sq.m.
1007(1)b	Aluminum Glass Door	2.52	sq.m.
1010(2)b	Wooden Doors	1.89	sq.m.
1003(1)c2	Ceiling-Carpentry and Joinery Works	251.43	sq.m.
1003(3)a1	Kitchen Cabinets @ Lower Counter	6.40	sqm
1003(3)e2	Ceiling Prepainted Metal Panel	24.47	sq.m.
1032	Painting Works	791.64	sq.m.
1018	Tiling Works	55.54	sq.m.
1002	Plumbing (Rough-in)	3.00	pcs
1017(1)	Roof Drain	10.00	sets
1002	Plumbing (Water System)	3.00	pcs
1100	Conduits, Boxes & Fittings	60.00	l.m.
1101	Wires & wiring Device	130.00	l.m.
1102	Power Load Center, switches & Panel Boards	7.00	sets



Section IX. Bidding Forms



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1) Bid Form

Date: _____

IAEB¹ No: _____

To: *[name and address of PROCURING ENTITY]*

Address: *[insert address]*

We, the undersigned, declare that:

- (a)** We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract *[insert name of contract]*;
- (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 in item (d) 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 Evaluated Bid or any other Bid that you may receive.

Name: _____

In the capacity of: _____

Signed: _____

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

Date: _____

¹ If ADB, JICA and WB funded projects, use IFB.



2) Form of Contract Agreement

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the "Entity") and *[name and address of Contractor]* (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called "the Works") and the Entity has accepted the Bid for *[insert the amount in specified currency in numbers and words]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

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 Contract hereinafter referred to.
2. The following documents shall be attached, deemed to form, and be read and construed as part of this Agreement, to wit:
 - (a) General and Special Conditions of Contract;
 - (b) Drawings/Plans;
 - (c) Specifications;
 - (d) Invitation to Apply for Eligibility and to Bid;
 - (e) Instructions to Bidders;
 - (f) Bid Data Sheet;
 - (g) Addenda and/or Supplemental/Bid Bulletins, if any;
 - (h) Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes;
 - (i) Eligibility requirements, documents and/or statements;
 - (j) Performance Security;
 - (k) Credit line issued by a licensed bank, if any;
 - (l) Notice of Award of Contract and the Bidder's conforme thereto;
 - (m) Other contract documents that may be required by existing laws and/or the Entity.
3. In consideration of the payments to be made by the Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Entity to execute and complete the Works and remedy any defects therein in conformity with the provisions of this Contract in all respects.
4. The Entity hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

Signed, sealed, delivered by _____ the _____ (for the Entity)

Signed, sealed, delivered by _____ the _____ (for the Contractor).

Binding Signature of PROCURING ENTITY

Binding Signature of Contractor

[Addendum showing the corrections, if any, made during the Bid evaluation should be attached with this agreement]



3) Omnibus Sworn Statement

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 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 of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

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 and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)]*;

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: I am 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 **implementing**/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 *[Name of the Project]*.
9. ***[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any other 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 __, 20__ at _____, Philippines.

Bidder's Representative/Authorized Signatory
[JURAT]



4) Bid Securing Declaration

Republic of the Philippines)
Province of Kalinga) S.S
City of Tabuk)

x-----x

BID SECURING DECLARATION

Invitation to Bid/ Request for Expression of Interest No. [Insert reference number]

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

I/We, the undersigned, declare that:

1. I/We undersigned 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 the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.**
3. I/we understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances.
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/ we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to shall to avail of said right;
 - (c) I/ We are declared as the bidder with the Lowest Calculated and Responsive Bid/ Highest Rated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESESS 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], Affiant/s is/ are personally known to me and was/ were Identified by me through competent evidence of Identify as defined in the 2004 Rules on Notarial Practice (A. M. No.02-8-12-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 ____.



5) Checklist for Eligibility and Technical Documents

Standard Form Number: **SF-INFR-08**

CHECKLIST FOR ELIGIBILITY AND TECHNICAL DOCUMENTS

COMPANY: _____

ITEM NO.	REQUIREMENTS	PASSED	FAILED
Eligibility and Technical Documents (First Envelope)			
A.	<u>Eligibility Documents</u>		
	Class "A" Documents		
	LEGAL DOCUMENTS		
1	Registration Certificate from the following: a. <input type="checkbox"/> Securities and Exchange Commission (SEC), <input type="checkbox"/> Department of Trade and Industry (DTI) for sole proprietorship, or <input type="checkbox"/> Cooperative Development Authority (CDA) for cooperatives. b. Updated PhilGEPS Registration Certificate		
2	<input type="checkbox"/> Current Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or <input type="checkbox"/> or the equivalent document for Exclusive Economic Zones or Areas.		
3	Tax Clearance per Executive Order 398, series of 2005, as finally reviewed and approved by the BIR, and Tax payer's Identification number or VAT registration for the type & cost of contract to be bid (SF-INFR-12) , /// TIN No. _____		
	TECHNICAL DOCUMENTS		
4	Statement of the prospective Bidder of all its ongoing and completed government and private contracts within ten (10) years from bid submission, if any, whether similar or not similar in nature and complexity to the contract to be bid (SF-INFR-15) . The statement shall include, for each contract, the following: a) name of the contract; b) date of the contract; c) contract duration; d) owner's name and address; e) nature of work; f) contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation; g) total contract value at award; h) date of completion or estimated completion time; i) total contract value at completion, if applicable; j) percentages of planned and actual accomplishments, if applicable; k) value of outstanding works, if applicable; l) the statement shall be supported by the notices of award and/or notices to proceed issued by the owners; and m) the statement shall be supported by the Owner's Certificate of Final Acceptance or the Certificate of Completion and, whenever applicable, the Contractors Performance Evaluation Summary (CPES) Final rating, which must be satisfactory.		
5	Statement identifying the bidder's Single Largest Completed Contracts (SLCC) similar to the contract to be bid (SF-INFR-16) . The statement shall include, for each contract , the following: a) name of the contract; b) date of the contract; c) contract duration;		



	<p>d) owner's name and address; e) nature of work; f) contractor's role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation; g) total contract value at award; h) date of completion or estimated completion time; i) total contract value at completion, if applicable; j) percentages of planned and actual accomplishments, if applicable; k) value of outstanding works, if applicable; l) the statement shall be supported by the notices of award and/or notices to proceed issued by the owners; and m) the statement shall be supported by the Owner's Certificate of Final Acceptance or the Certificate of Completion and, whenever applicable, the Contractors Performance Evaluation Summary (CPES) Final Rating, which must be <i>satisfactory</i>.</p>		
6	A valid Philippine Contractors Accreditation Board (PCAB) license and registration for <u>Size Range – Medium A, License Category B</u> and should be valid at the time of the deadline for the submission and opening of bids. The submission of a PCAB license with validity period after the date of the opening of the bids is a ground for the prospective bidder's disqualification (SF-INFR-09).		
	FINANCIAL DOCUMENTS		
7	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.		
8	NFCC computation of which the <i>K factor shall be fixed at 15, regardless of contract duration, and the values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR./// NFCC = Php_____</i>		
	Class "B" Documents		
9	Valid JVA if the prospective bidder is a joint venture, with the agreement containing a statement on who the joint venture/ association has constituted and appointed as the lawful attorney-in-fact to sign the contract, if awarded the project, and on who among the members is the lead representative of the joint venture (SF-INFR-22).		
B.	<u>Technical Documents</u>		
10	The BID SECURITY in ANY of the following form: [] Bid Securing Declaration (<i>see BSD Form on this Bid Document</i>), [] Cash, cashier's/manager's check, bank draft/guarantee, irrevocable letter of credit – 2% of ABC (Php _____), or [] Surety bond, it shall be accompanied by a certification coming from an authorized Insurance Commission that the surety or insurance company is authorized to issue surety bond – 5% of ABC (Php _____).		
11	Duly signed PROJECT REQUIREMENTS, which shall include the following: a) Construction schedule and S-Curve (SF-INFR-41); b) Manpower utilization schedule (SF-INFR-42); c) Construction Method (SF-INFR-43); d) Organizational chart for the contract to be bid (SF-INFR-44); e) Contractor's Letter-Certificate to Kalinga State University (SF-INFR-45); f) Key Personnel's Certificate of Employment (SF-INFR-46); g) Key Personnel's Bio-data (SF-INFR-47); h) List of Construction personnel (viz., Project Manager, Project Engineers, Materials Engineers, Safety Officers & Foremen) to be assigned to the contract to be bid, with their complete qualification & experience data (SF-INFR-48); i) Statement of Availability of Key Personnel and Equipment (SF-INFR-18);		



	j) List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by Proof of Ownership or Certification of Availability of Equipment from the equipment lessor/vendor for the duration of the project (SF-INFR-49) ;		
	k) Equipment utilization schedule (SF-INFR-50) ;		
	l) Affidavit of Site Inspection (SF-INFR-51) ;		
	m) Certificate on Construction Safety and Health program in compliance with existing labor laws & standards (SF-INFR-52) ; and		
	n) Program Evaluation and Review/Critical Path Method (PERT/CPM) or other tools of project scheduling.		
12	Duly signed statement of the prospective bidder (OMNIBUS SWORN STATEMENT , <u>see Form on this Bid Document</u>), that		
	a. he/she is a sole proprietor who has full power and authority to do, execute and perform any and all acts necessary to represent the firm in this bidding.		
	b. he/she is the duly authorized and designated representative who is granted full power, authorization and representation of the firm.		
	c. not "blacklisted" or barred from bidding		
	d. All documents submitted are authentic/original/complete copies, and all statements and information provided are true and correct		
	e. The bidder is authorizing the KSU President or its duly authorized representative(s) to verify all the documents submitted		
	f. The bidder 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 implementing/ end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree (SF-INFR-14) .		
	g. The Bidder is compliant with existing labor laws and standards		
	h. The Bidder is aware of and has undertaken the following responsibilities: i. Carefully examine all of the Bidding Documents ii. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract; iii. Made an estimate of the facilities available and needed for the contract to be bid, if any; and iv. Inquire or secure Supplemental/Bid Bulletin(s) issued		
i. The Bidder did not give or pay directly or indirectly, any commission, amount, fee, or any other 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.			
13	Affidavit of Disclosure of No Relationship (SF-INFR-14) .		
14	Authority of the signatory based on 6.2(h) on the ITB, which read as follows: <i>"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 and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture"</i> (SF-INFR-39/40) ;		

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.

CHECKED BY:

BAC MEMBER's Name and Signature: _____

REMARKS: [] Eligible

[] Non-Eligible



6) Checklist for Financial Proposal

Standard Form Number: **SF-INFR-54**

CHECKLIST FOR FINANCIAL PROPOSAL

COMPANY: _____

ITEM NO.	REQUIREMENTS	COMPLYING	NON-COMPLYING
	Financial Documents (Second Envelope)		
1	Duly signed Financial Bid Form (lump sum bid prices), which shall include the detailed engineering cost , in accordance with the form prescribed in Section IX. Bidding Form. (see Bid Form on this Bid Document) .		
2	Duly signed Bid Prices in the Bill of Quantities (SF-INFR-55) .		
3	Duly signed SUMMARY OF ESTIMATES supported by signed detailed estimates with corresponding prices.		
4	Duly signed Cash flow by Quarter and Payment Schedule (SF-INFR-56) .		

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.

CHECKED BY:

BAC MEMBER's Name and Signature: _____

DATE: _____

REMARKS:

Complying

Non-Complying



7) Contractor's License (PCAB)

Standard Form Number: **SF-INFR-09**

Republic of the Philippines
 Department of Trade and Industry
CONSTRUCTION INDUSTRY AUTHORITY OF THE PHILIPPINES
PHILIPPINE CONTRACTORS ACCREDITATION BOARD
 Makati City, Metro Manila

CONTRACTOR'S LICENSE

This certifies that

CONTRACTOR'S PARTICULARS

Authorized Managing Officer (name and signature)		NOT VALID w/o SIGNATURE
Sole Proprietorship/Partnership/Corporation	Head Officer Location (Region)	
Taxpayer Identification Number (TIN)		

having complied with all the requirements for licensure in accordance with Republic Act No. 4566, as amended, and its implementing rules and regulations, is hereby authorized to engage in the construction contracting business in the Philippines, subject to limitations of license validity period, classification and category as prescribed under License Particulars in the box to the right hereof and to the terms and conditions annotated at the back hereof.

LICENSE PARTICULARS

License First Issue Date and Number	No.
Validity Period of this License/Renewal	to
Principal Classification and Category	
Other Classification/s	

This further certifies that said licensee, subject to the limitations of the above-prescribed license validity period and registration validity period, kind/s of project and size range/s as indicated under Registration Particulars in the box to the right hereof, is a PCAB registered contractor for government projects.

REGISTRATION PARTICULARS

Registration Date and Number	No.
Validity Period of this Registration	to
Kinds of Project and Respective Size Ranges	

Given at Metro Manila, Philippines, on

FOR THE BOARD:

 Officer-in-Charge

 Board Secretary

FORM

IMPORTANT NOTICE: Filing schedule for license renewal application - <Insert Date>

One of the legal requirements to be in the Eligibility Envelope of the prospective bidder is its valid PCAB license and registration for the type and cost of contract to be bid. In the case of joint ventures, the PCAB license should be that of the JV, not of its individual partners.



PCAB Circular No. 001, Series of 2009:



Republic of the Philippines
 Department of Trade and Industry
 Construction Industry Authority of the Philippines
PHILIPPINE CONTRACTORS ACCREDITATION BOARD
 2nd Floor, Jupiter I Building, #56 Jupiter Street
 Bel-Air Village, Makati City, Philippines 1209
 Telefax. No. (632) 895-42-20
www.dti.gov.ph



**CIRCULAR NO. 001
 Series of 2009**

**Implementation of the Second Stage of Adjustment on
 Allowable Ranges of Contract Costs and
 Single Largest Project Completed / Track Record Requirements**

During the regular meeting held on 18 February 2009, the Philippine Contractors Accreditation Board (PCAB) RESOLVED to implement the following Second Stage of Adjustment on the Allowable Ranges of Contract Costs (ARCC) and the corresponding Single Largest Project completed (SLP) or Track Record requirements:

<u>Size Range</u>	<u>License Category</u>	<u>Single Largest Project / Required Track Record</u>	<u>Allowable Range of Contract Cost</u>
Large B	AAA	Above Php150 M	< or above Php300 M
Large A	AA	Above Php100 M up to Php150 M	Up to Php300 M
Medium B	A	Above Php50 M up to Php100 M	Up to Php200 M
Medium A	B	Above Php10 M up to Php50 M	Up to Php100 M
Small B	C & D	≤ Php10 M	Up to Php15 M
Small A	Trade	≤ Php500 Th	Up to Php500 Th

The second stage of ARCC adjustment shall take effect on 01 July 2009, the start of CFY 2009-2010. Accordingly, all government projects publicized for bidding starting 01 July 2009 shall apply the second stage allowable ranges.

In the implementation of the Second Stage of Adjustment, the Board further RESOLVED to adopt the following transitory guidelines:

1. The above adjustments shall be applied to all types of applications for registration for government projects (new registration, upgrading of size range, additional project kinds and applications for re-registration) filed starting 01 July 2009;
2. Registration particulars with validity dates extending beyond 01 July 2009 shall remain valid until expiration date; provided the license is valid and that the licensee possesses the license category required for the corresponding size range/s. If the contractor voluntarily applies for upgrading of registration size range, or additional classification on or after 01 July 2009, the second stage of ARCC and SLP adjustments shall apply;
3. Since there will be size ranges issued under the first stage of ARCC adjustment which will remain valid after 01 July 2009 and up to the expiration of previous registration, Size Ranges based on adjusted SLPs of the second stage are marked with asterisks for the information of tendering agencies.

SO ORDERED.

Makati City, Philippines

18 February 2009

AGERICO M. UNGSON
 Acting Member

ATTESTED BY:

RENE E. FAJARDO
 Officer-in-Charge

ELMER C. HERNANDEZ
 Undersecretary/OIC-Chairman

JOSE MA. L. CASTOR
 Acting Member

CONSOLACION C. VILLAFUERTE
 Board Secretary



8) Certificate of Registration (BIR)

Standard Form Number: **SF-INFR-12**

BIR

Form No.

Republic of the Philippines
KAGAWARAN NG PANANALAPI
KAWANIHAN NG RENTAS INTERNAS
REVENUE REGION NO.
REVENUE DISTRICT NO.
 _____ DIVISION

CERTIFICATE OF REGISTRATION

TIN	NAME	REGISTRATION DATE
REGISTERED ADDRESS		
REGISTERED ACTIVITY(IES)		
<p>I HEREBY CERTIFY THAT THE ABOVE NAMED PERSON IS REGISTERED AS INDICATED ABOVE, UNDER THE PROVISIONS OF THE NATIONAL INTERNAL REVENUE CODE, AS AMENDED.</p> <p>_____</p> <p>REVENUE DISTRICT OFFICER (signature over printed name)</p>		

THIS CERTIFICATE MUST BE EXHIBITED CONSPICUOUSLY IN THE PLACE OF BUSINESS



9) Affidavit of Disclosure of No Relationship

Standard Form Number: SF-INFR-14

AFFIDAVIT OF DISCLOSURE OF NO RELATIONSHIP

I, _____, of legal age, (civil status), residing at _____ after being sworn in accordance with law, do hereby depose and say:

1. That I am the authorized representative of (Name of Bidder) with office address at (Address of Bidder);
2. That the firm/partnership/joint venture/corporation, or any of its officers, directors, controlling stockholders and members, that I represent for the bidding of (Name of Contract), is not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity or to any of its officers or employees having direct access to information that may substantially affect the result of the bidding, such as, but not limited to, members of the BAC, TWG or Secretariat, the members of the Project Management Office and the designers of the project;
3. That I am making this statement in compliance with Section 47 of the Implementing Rules and Regulations of Republic Act No. 9184, and in accordance with the requirements of the (Procuring Entity)-BAC.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 20__, in the City of _____, Philippines.

Affiant

SUBSCRIBED AND SWORN to before me this _____ day of _____, Philippines.

Notary Public

Doc. No. _____;
Page No. _____;
Book No. _____;
Series of 20__

One of the legal documents required to be in the Eligibility Envelope of a prospective bidder is its Sworn affidavit that it is not related to the head of procuring entity, members of the BAC, TWG and Secretariat and members of the PMO, and the designers of the project, by consanguinity or affinity up to the third civil degree.



12) Statement of Availability of Key Personnel and Equipment

Standard Form Number: **SF-INFR-18**
Revised on: May 11, 2004

STATEMENT OF AVAILABILITY OF KEY PERSONNEL AND EQUIPMENT

(Date of Issuance)

DR. EDUARDO T. BAGTANG
University President
Kalinga State University
Purok 6, Bulanao, Tabuk City, Kalinga

Attention : **The Chairman**
Bids and Awards Committee

Dear Sirs:

In compliance with the requirements of the **Kalinga State University BAC** for the bidding of the (Name of the Contract) , we certify that (Name of the Bidder) has in its employ key personnel, such as project managers, project engineers, materials engineers and foremen, who may be engaged for the construction of the said contract.

Further, we likewise certify the availability of equipment that (Name of the Bidder) owns, has under lease, and/or has under purchase agreements, that may be used for the construction contracts.

Very truly yours,

(Name of Representative)
(Position)
(Name of Bidder)



13) Joint Venture Agreement

Standard Form Number: **SF-INFR-22**

JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into by and between: _____,
 of legal age, (civil status), owner/proprietor of _____ and a
 resident of _____.

-and-

_____, of legal, (civil status), owner/proprietor of _____
 a resident of _____.

That both parties agree to join together their capital, manpower, equipment, and other resources and efforts to enable the Joint Venture to participate in the Eligibility Check, Bidding and Undertaking of the hereunder stated Contract of the **Kalinga State University**.

NAME OF PROJECT

CONTRACT AMOUNT

That both parties agree to be jointly and severally liable for their participation in the Eligibility Check, Bidding and Undertaking of the said contract.

That both parties agree that _____ and /or _____ shall be the Official Representative of the Joint Venture, and are granted full power and authority to do, execute and perform any and all acts necessary and/or represent the Joint Venture in the Eligibility Check, Bidding and Undertaking of the said contract, as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation.

That the parties hereby mutually bind each other to contribute to the joint venture on a ____%-____% participation of each member as shown below, all the necessary capital, equipment, technical personnel, management supervision, and other efforts and resources for the proper prosecution or implementation of the project. Furthermore, they commit to extend to each other their respective fullest cooperation and best effort towards profitable construction of the project in accordance with the approved plans and specifications and to complete the same within the approved work schedule:

Name of the Member Firm	Percentage of Participation
_____	_____%
_____	_____%

That this Joint Venture Agreement shall remain in effect only for the above stated Contracts until terminated by both parties.

Name of the Procuring Entity : **Kalinga State University**
Contract Reference Number : **IB 2016-01-06**
Name of the Contract : **Construction/Repair/Rehabilitation of Academic Buildings**
Locations of the Contract : **KSU Campuses in Bulanog and Dagupan in the City of Tabuk
and Rizal Campus in the Municipality of Rizal Kalinga**



IN WITNESS WHEREOF, the parties hereto have their hand this ____ day of _____ at _____.

By:

By:

General Manager

President

CTC No. _____
Issued on _____
At: _____

CTC No. _____
Issued on _____
At: _____

Signed in the presence of:

REPUBLIC OF THE PHILIPPINES)
PROVINCE OF _____) S S

BEFORE ME, a NOTARY PUBLIC for and in the city/province of their Community Tax Certificate as above stated, known to me and to me known to be the same person who executed the foregoing joint venture agreement (2 pages) and acknowledgement that the same is their free and voluntary act and deed.

WITNESS MY HAND AND NOTARIAL SEAL on the place above-stated this ____ day of _____.

Doc. No.: _____
Page No.: _____
Book No.: _____
Series of 2016;

If the bidder is a joint venture, one of the requirements for Eligibility is the submission of a valid joint venture agreement.



14) Request for Clarification

Standard Form Number: SF-INFR-33

Request for Clarification

Date of Issuance

THE CHAIRMAN
Bids and Awards Committee
Name of Procuring Entity
Address of Procuring Entity
Facsimile No.:
Contact Person:

Dear Sir / Madame:

This is in relation to Section ____ of Page ____ of the Bidding Documents for (Name of the Contract), to wit:

" (quote unclear provision) "

This provision is not clear to us, particularly _____ (state detail) _____.

We would appreciate it if you could provide further explanation or clarification on the above.

Thank you very much.

Very truly yours,

Name of the Representative of the Bidder
Name of the Bidder

Received by the BAC:

Date: _____

A request for clarification made by an Eligible Bidder should be submitted to the BAC not later than ten (10) calendar days before the deadline for the submission and receipt of bids. Requests for clarification must be in writing. (IRR-A Section 22.5.1)



15) Authority of the Signatory (Special Power of Attorney)

Standard Form Number: **SF-INFR-39**

**AUTHORITY OF SIGNATORY
SPECIAL POWER OF ATTORNEY**

I, _____, President of (Name of the Bidder), a corporation incorporated under the laws of _____ with its registered office at _____ Resolution No. _____ dated _____, by virtue of Board appointed _____ true and lawful attorney, for it and its name, place and stead, to do, execute and perform any and all acts necessary and/or represent _____ in the bidding of _____ (Name of the Contract) as fully and effectively as corporation might do if personally present with full power of substitution and revocation and hereby confirming all that said representative shall lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 20____ at _____.

Signed in the Presence of.

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
 QUEZON CITY)SS.

BEFORE ME, a Notary Public for and in Quezon City, Philippines, this _____ day of _____, 20____, personally appeared:

NAME	CTC NO.	ISSUED AT/ON

known to me and known to be the same person who executed the foregoing instrument consisting of _____ () pages, including the page whereon the acknowledgments is written and acknowledged before me that the same is his free and voluntary act and deed and that of the Corporation he represents.

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

Notary Public
 Until 31 December 20____
 PTR No. _____
 Issued at: _____
 Issued on: _____
 TIN No. _____

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

The Authority of the Signatory is a requirement in the Technical Envelope. It refers to the authority of the signing official solely intended for the project: in the case of single proprietorship, there must be an affidavit of the owner or a Special Power of Attorney; for partnerships, a partnership resolution from the General Manager of President; for corporations, a board resolution with secretary's certificate; and for joint-venture, a resolution signed by all the joint-venture partners.



16) Authority of Signatory (Secretary's Certificate)

Standard Form Number: **SF-INFR-40**

**AUTHORITY OF SIGNATORY
 SECRETARY'S CERTIFICATE**

I, _____, a duly elected and qualified Corporate Secretary of _____ (Name of the Bidder), a corporation duly organized and existing under and by virtue of the law of the _____, DO HEREBY CERTIFY, that:

I am familiar with the facts herein certified and duly authorized to certify the same;

At the regular meeting of the Board of Directors of the said Corporation duly convened and held on _____ at which meeting a quorum was present and acting throughout, the following resolutions were approved, and the same have not been annulled, revoked and amended in any way whatever and are in full force and effect on the date hereof:

RESOLVED, that _____ (Name of the Bidder) be, as it hereby is, authorized to participate in the bidding of _____ (Name of the Contract) by the **Kalinga State University**; and that if awarded the Contract shall enter into a contract with the **Kalinga State University**; and in connection therewith hereby appoints _____ (Name of Representative), acting as duly authorized and designated representatives of _____ (Name of the Bidder), and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent _____ (Name of the Bidder) in the bidding as fully and effectively as the _____ (Name of the Bidder) might do if personally present with full power of substitution and revocation and hereby satisfying and confirming all that my said representative shall lawfully do or cause to be done by virtue hereof;

RESOLVED FURTHER THAT, the Board hereby authorizes its President to:

- (1) execute a waiver of jurisdiction whereby the _____ (Name of the Bidder) hereby submits itself to the jurisdiction of the Philippine government and hereby waives its right to question the jurisdiction of the Philippine courts;
- (2) execute a waiver that the _____ (Name of the Bidder) shall not seek and obtain writ of injunctions or prohibition or restraining order against the AFP or any other agency in connection with this Contract to prevent and restrain the bidding procedures related thereto, the negotiating of and award of a contract to a successful bidder, and the carrying out of the awarded contract.

WITNESS the signature of the undersigned as such officer of the said _____ this _____.

 (Corporate Secretary)

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN to before me this _____ day of _____, 20____ affiant exhibited to me his/her Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

Notary Public
 Until 31 December 20____
 PTR No. _____
 Issued at: _____
 Issued on: _____
 TIN No. _____

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

The Authority of the Signatory is a requirement in the Technical Envelope. It refers to the authority of the signing official solely intended for the project: in the case of single proprietorship, there must be an affidavit of the owner or a Special Power of Attorney; for partnerships, a resolution from the General Manager of President; for corporations, a board resolution with secretary's certificate; and for joint-venture, a resolution signed by all the joint-venture partners.



19) Design Methodology and Construction Procedures

Standard Form Number: **SF-INFR-43**

OUTLINE NARRATIVE OF DESIGN METHODOLOGY AND CONSTRUCTION PROCEDURES

1.0 INTRODUCTION

Refer to the Bidding Documents

2.0 BRIEF DESCRIPTION OF CONTRACT WORKS

State general features of contract works. Use tables as necessary.

3.0 DESIGN METHODOLOGY

3.1 Methodology or General Approach

State general approach in construction in terms of use of equipment-intensive or labor-based methods, any special techniques, methods or procedures to ensure completion on time and quality of construction financing the project, etc.

3.2 Program of Work

CPM, Progress Bar Schedule and Development Schedules submitted.

3.3 Financial Program

Cash flow schedules, provision for working capital, schedule of receipts, etc.

4.0 CONSTRUCTION PROCEDURES

4.1 Methodology or General Approach

State general approach in construction in terms of use of equipment-intensive or labor-based methods, any special techniques, methods or procedures to ensure completion on time and quality of construction financing the project, etc.

4.2 Program of Work

CPM, Progress Bar Schedule and Development Schedules submitted.

4.3 Financial Program

Cash flow schedules, provision for working capital, schedule of receipts, etc.

The narrative description of design methodology/construction procedures are required to be in the Technical Envelope of the bidder. The above is the recommended outline in the bidder's presentation of the documents.



20) Contractor's Organizational Chart for the Contract

Standard Form Number: **SF-INFR-44**

Contractor's Organizational Chart for the Contract

Submit Copy of the Organizational Chart that the Contractor intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Project Manager, Project Engineer, Bridge Engineer, Structural Engineer, Materials and Quality Control Engineer, Foreman and other Key Engineering Personnel.

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

1. This organization chart should represent the "Contractor's Organization" required for the Project, and not the organizational chart of the entire firm.
2. The Bidders shall comply with and submit sample form SF-INFR-46 for each of such key personnel.
3. Each such nominated engineer/key personnel shall comply with and submit sample forms SF-INFR-47 and SF-INFR-48.
4. All these are required to be in the Technical Envelope of the Bidder.



22) Key Personnel's Certificate of Employment

Standard Form Number: **SF-INFR-46**

KEY PERSONNEL'S CERTIFICATE OF EMPLOYMENT

Issuance Date:

DR. EDUARDO T. BAGTANG
 University President
 Kalinga State University (KSU)
 Bulanao, Tabuk City, Kalinga

Dear Sir:

I am (Name of Nominee) a Licensed _____ Engineer with Professional License No. _____ issued on (date of issuance) at (place of issuance).

I hereby certify that (Name of Bidder) has engaged my services as (Designation) for (Name of the Contract), if awarded to it.

As (Designation), I supervised the following completed projects similar to the contract under bidding):

<u>NAME OF PROJECT</u>	<u>OWNER</u>	<u>COST</u>	<u>DATE COMPLETED</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

At present, I am supervising the following projects:

<u>NAME OF PROJECT</u>	<u>OWNER</u>	<u>COST</u>	<u>DATE COMPLETED</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

In case of my separation for any reason whatsoever from the above-mentioned Contractor, I shall notify the (Name of the Procuring Entity) at least twenty one (21) days before the effective date of my separation.

As (Designation), I know I will have to stay in the job site all the time to supervise and manage the Contract works to the best of my ability, and aware that I am authorized to handle only one (1) contract at a time.

I do not allow the use of my name for the purpose of enabling the above-mentioned Contractor to qualify for the Contract without any firm commitment on my part to assume the post of (Designation) therefore, if the contract is awarded to him since I understand that to do so will be a sufficient ground for my disqualification as (Designation) in any future (Name of the Procuring Entity) bidding or employment with any Contractor doing business with the (Name of the Procuring Entity).

 (Signature of Engineer)

DRY SEAL



Republic of the Philippines)
_____) S.S.

SUBSCRIBED AND SWORN TO before me this _____ day of _____ 20__ affiant exhibiting to me his Residence Certificate No. _____ issued on _____ at _____.

Notary Public
Until December 31, 20__

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

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (vis., Project Manager, Project Engineers, Site/ Architectural Engineer, Civil/ Structural Engineer, Electrical Engineer, Sanitary Engineer/ Master Plumber and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract).



23) Key Personnel's Bio-data (Sample format)

Standard Form Number: **SF-INFR-47**

KEY PERSONNEL (FORMAT OF BIO-DATA)

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project. Fill up a form for each person.

1. Name : _____
2. Date of Birth : _____
3. Nationality : _____
4. Education and Degrees : _____
5. Specialty : _____
6. Registration : _____
7. Length of Service with the Firm : _____ Year from _____ (months) _____ (year)
 To _____ (months) _____ (year)
8. Years of Experience : _____
9. If Item 7 is less than ten (10) years, give name and length of service with previous employers for a ten (10)-year period (Attached additional sheet/s), if necessary:

Name and Address of Employer

Length of Service

_____	_____ year(s) from _____ to _____
_____	_____ year(s) from _____ to _____
_____	_____ year(s) from _____ to _____

10. Experience:

This should cover the past ten (10) years of experience. (Attached as many pages as necessary to show involvement of personnel in relevant projects)

1. Name : _____
2. Name and Address of Owner : _____
3. Name and Address of the Owner's Engineer (Consultant) : _____
4. Indicate the Features of Project (particulars of the project components and any other particular interest connected with the project) : _____
5. Contract Amount Expressed in Philippine Currency : _____
6. Position : _____
7. Structures for which the employee was responsible : _____
8. Assignment Period : from _____ (months) _____ (years)
 to _____ (months) _____ (years)

 Name and Signature of Employee

It is hereby certified that the above personnel can be assigned to this project, if the contract is awarded to our company.

 (Place and Date)

 (The Authorized Representative)

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (vis., Project Manager, Project Engineers, Materials engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience date (including the key personnel's signed written commitment to work for the project once awarded the contract)



24) Qualification of Key Personnel Proposed to be Assigned to the Contract

Standard Form Number: **SF-INFR-48**

Qualification of Key Personnel Proposed to be Assigned to the Contract

Business Name : _____
 Business Address : _____

1	Name	Project Manager/Engineer	Architect	Structural Engineer	Geotechnical Engineer/Consultant	Mechanical/Electrical Engineer/Consultant
2	Address					
3	Date of Birth					
4	Employed Since					
5	Experience					
6	Previous Employment					
7	Education					
8	PRC License					

Minimum Requirements: Project Manager / Engineer
 Architect
 Structural Engineer
 Geotechnical Engineer / Consultant
 Mechanical/Electrical Engineer / Consultant

Materials Engineer
 Foreman
 Construction Safety and Health Personnel

Note Attached individual resume, PRC License of the (professional) personnel and other valid certifications of credentials.

Submitted by _____
 Designation _____
 Date _____
 Printed Name and Signature _____

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz., Project Manager/Engineers, Architect Structural Engineer, Materials Engineers, and others), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract).



25) List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract

Standard Form Number: **SF-INFR-49**

List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract

Business Name : _____
 Business Address : _____

Description	Model/Year	Capacity/ Performance / Size	Plate No.	Motor No. / Body No.	Location	Prof of Ownership / Lessor or Vendor
A. Owned						
I.						
II.						
III.						
IV.						
V.						
B. Leased						
I.						
II.						
III.						
IV.						
V.						
C. Under Purchase Agreements						
I.						
II.						
III.						
IV.						
V.						

List of minimum equipment required for the project

Submitted by : _____
 Designation : _____
 Date : _____

One of the requirements from the bidder to be included in its Technical envelope is the list of its equipment units pledged for the contract to be bid, which are owned (supported by proofs of ownership), leased, and/or under purchase agreements (with corresponding engine numbers, chassis numbers and/or serial numbers), supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project.



27) Affidavit of Site Inspection

Standard Form Number: **SF-INFR-51**

Republic of the Philippines)
Province of Kalinga) S.S
City of Tabuk)

AFFIDAVIT OF SITE INSPECTION

I, (Representative of the Bidder) of legal age, (civil status) , Filipino and residing at (Address of the Representative) , under oath, hereby depose and say:

1. That I am the (Position in the Bidder) of the (Name of the Bidder) , with office at (Address of the Bidder) ;
2. That I have inspected the project site for (Name of the Contract) , located at (Location of the Contract) ;
3. That I am making this statement as part of the requirement for the Technical Proposal of the (Name of the Bidder) for (Name of the Contract) .

IN FAITH WHEREOF, I have hereby affix my signature this ___ day of _____ 2016, at _____, Philippines.

AFFIANT

SUBSCRIBE AND SWORN TO BEFORE ME, this ___ day of _____ 2016, affiant exhibiting to me his/her Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

(Notary Public)

Until _____
PTR No. _____
Date: _____
Place: _____
Tin No. _____

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

**By the act of submitting its bid, the bidder shall be deemed to have inspected the site and determined the general characteristics of the contract works and the conditions indicated above._____*



28) Certification as to Compliance of Existing Labor Laws and Standards

Standard Form Number: **SF-INFR-52**

CERTIFICATION AS TO COMPLIANCE OF EXISTING LABOR LAWS AND STANDARDS

(NAME OF THE CONTRACT)

(LOCATION)

Date of Opening of Bids: _____

I, (Name of the Representative of the Bidder), of legal age, with residence and address at _____, after having been duly sworn to in accordance with law, hereby depose and say:

1. That I am the (Position of the representative of the Bidder) of (Name of Bidder);
2. That our firm/company shall abide with the existing labor laws and standards, rules and regulations of the Department of Labor and Employment (DOLE) in connection with the implementation of the project.
3. That if our Firm/Company violates any rule and regulations as prescribed for by DOLE, I/we will accept sanctions that may be imposed on our form.

IN FAITH WHEREOF, I hereunto affixed my signature this ___ day of _____ 2016, at _____, Philippines.

Affiant

Republic of the Philippines)
CITY OF _____) S.S.

SUBSCRIBED AND SWORN to before me this ___ day of _____ 2016, in _____, Philippines. Affiant exhibiting to me his Community Tax Certificate No. _____ issued on _____, 2016 at _____, Philippines.

Doc.No. _____
PageNo. _____
Book No. _____
Series No. _____

One of the requirements for the Technical Envelope is a certification from the bidder under oath of its compliance with existing labor laws and standards.



30) Cash Flow by Quarter and Payment Schedule

Standard Form Number: **SF-INFR-56**

Contract Name: **CONSTRUCTION/REPAIR/REHABILITATION OF ACADEMIC BUILDINGS**
 Location: **KALINGA STATE UNIVERSITY CAMPUSES, TABUK CITY AND RIZAL, KALINGA**

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	% WT.	3RD QUARTER	4TH QUARTER	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
ACCOMPLISHMENT							
CASH FLOW							
CUMULATIVE ACCOMPLISHMENT							
CUMULATIVE CASH FLOW							

Submitted by:

Date: _____

Name of the Representative of the Bidder

Position

Name of the Bidder

*One of the requirements from the bidder to be included in its Financial Envelope is the cash flow by quarter and payment schedule.



31) Post Qualification Evaluation Report

Standard Form Number: **SF-INFR-61**

POST-QUALIFICATION EVALUATION REPORT

Name of Contract : _____
 Name of Bidder : _____
 Rank in the List of Bids : _____
 Bid Price : _____
 Period of Post Qualification : _____
 Results of Post-Qualification : _____

ITEM NO.	REQUIREMENTS	PARTIES CONSULTED	FINDINGS
A.	Eligibility Envelope		
1	PCAB License		
2	[] DTI Business Name Registration, or [] SEC Registration		
3	Updated PhilGEPS Registration Certificate		
4	[] Business Permit, or [] Equivalent document for Exclusive Economic Zones or Areas		
5	Tax Identification Number		
6	Tax Clearance		
7	Bidder's Omnibus Sworn Statement		
8	On-going and Awarded Contracts		
9	Completed Similar Contract		
10	Availability of Key Personnel		
11	Availability of Equipment		
12	Audited financial statements		
13	NFCC computation of which the <i>K factor shall be fixed at 15, regardless of contract duration, and the values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.</i>		
B.	TECHNICAL ENVELOPE		
14	Bid Security		
15	Authority of Signatory		
16	Construction Schedule and S-Curve		
17	Manpower schedule		
18	Construction Methods		
19	Organizational Chart		
20	List of Constructor's Key Personnel		
21	List of Contractor's Equipment		
22	Equipment utilization schedule		
23	Affidavit of Site Inspection		
24	Construction Safety and Health program approved by DOLE		



C.	Financial Envelope		
25	Bid Prices in Bill of Quantities		
26	SUMMARY OF ESTIMATES supported by signed detailed estimates with corresponding prices.		
27	Cash flow by Quarter and Payment Schedule		

Findings:

Responsive

Non-Responsive

Prepared by:

Submitted by:

BAC TWG

BAC Secretariat

Date

Date

Noted by:

Implementing Office

Note: The TWG shall prepare a Post-Qualification Report for submission to the BAC. The Report shall contain, among others, the activities undertaken with regard to the Post-Qualification process, including feedback from inquiries conducted.



32) Notification of Bidding Results

Standard Form Number: SF-INFR-66

Republic of the Philippines
Name of the Procuring Entity
Address of the Procuring Entity
Telephone and Fax Numbers of the Procuring Entity
Website Address of the Procuring Entity
E-mail Address of the Procuring Entity

NOTIFICATION OF BIDDING RESULTS

Date of Issuance

Name of the Losing Bidder
Address of the Losing Bidder
Fax Number of the Losing Bidder

Dear Sir / Madame:

We regret to notify you that the (Name of the Contract) has been awarded to a competing contractor, (Name of the Bidder with the LCRB) at its bid of (amount in words and numbers), which has been determined to be the Lowest Calculated Responsive Bid for the Contract.

We look forward to your participation in the bidding of our other projects.

Very truly yours,

Head of the Procuring Entity
Position

The Head of the Procuring Entity, through the Procurement Unit/Office, immediately upon approval of the recommendation for award, shall issue the Notice of Award to the bidder with the LCRB. At the same time, the BAC shall also notify all losing bidders of its decision.

Note: The BAC shall notify all other bidders, in writing, of its recommendation to HOPE of award of contract to LCRB within 3 cd from the issuance of the resolution recommending award. (Sec. 37.1.1, 2016 IRR of RA 9184)

