

CONSTRUCTION OF THREE-STOREY CEZ EMPLOYEES DORMITORY AT THE CAVITE ECONOMIC ZONE (CEZITB 2021-02-003)

February 2021

Sixth Edition



i.

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.



DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.



Section I. Invitation to Bid

Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone (CEZITB 2021-02-003)

- The PHILIPPINE ECONOMIC ZONE AUTHORITY-CAVITE ECONOMIC ZONE (PEZA-CEZ), through the Corporate Operating Budget for CY 2021 intends to apply the sum of Pesos: Ten Million Nine Hundred Ninety Nine Thousand One Hundred Eighty Six and 95/100 Only (₱10,999,186.95) being the Approved Budget for the Contract (ABC) to payments under the contract for Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone (CEZITB 2021-02-003). Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The PEZA-CEZ now invites bids for the above Procurement Project. Completion of the Works is required within <u>one hundred eighty (180) calendar days</u>. Bidders should have completed, within the last five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using nondiscretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

- 4. Interested bidders may obtain further information from *CEZ-BAC Secretariat* and inspect the Bidding Documents at the address given below from *Monday to Friday from 8:00 a.m.* to 5:00 p.m.
- 5. A complete set of Bidding Documents may be acquired by interested bidders on <u>11</u> <u>February 2021</u> from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of <u>Twenty-five Thousand Pesos Only</u> (₱25,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
- 6. The PEZA-CEZ will hold a Pre-Bid Conference on <u>19 February 2021, 2:30pm</u> at 2nd Floor, Function Room, New Administration Building, Cavite Economic Zone, Rosario, Cavite, and/or through videoconferencing / webcasting via Microsoft Teams, which shall be open to prospective bidders. For bidders who wish not to be physically present during the pre-bid conference, the BAC Secretariat shall email invite/meeting ID and password to those who signify their intent via email below.
- Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address as indicated below, on or before <u>2:00pm, 03 March 2021</u>. Late bids shall not be accepted.

- 8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
- 9. Bid opening shall be on <u>03 March 2021, 2:30pm</u> at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. In any case the above dates is declared a special non-working holiday, it will automatically be reset on the next working day.
- 11. The *PEZA-CEZ* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 12. For further information, please refer to:

Secretariat, CEZ-Bids and Awards Committee

Phil. Economic Zone Authority-Cavite Economic Zone 2/F New Administration Bldg., CEZ, Rosario, Cavite Tel. Nos. (046) 4376146 / 4376070 Tel./Fax No. (046) 437-6090 Email: cezbac@peza.gov.ph

13. You may visit the following websites:

For downloading of Bidding Documents:

- a. PEZA Website (http://www.peza.gov.ph/index.php/bid-opportunities); or
- b. Philgeps Website

08 February 2021

Sgd *LEVI D. VIZMANOS* Chairperson, CEZ-BAC

Section II. Instructions to Bidders



1. Scope of Bid

The Procuring Entity, *PEZA-Cavite Economic Zone* invites Bids for the *Construction* of *Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone*, with Project Identification Number *CEZITB 2021-02-003*.

The Procurement Project (referred to herein as "Project") is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for *Corporate Operating Budget for CY 2020* in the amount of *Pesos: Ten Million Nine Hundred Ninety Nine Thousand One Hundred Eighty Six and 95/100 Only* (₱10,999,186.95).
- 2.2. The source of funding is:
 - a. GOCC and GFIs, the Corporate Operating Budget.

3. Bidding Requirements

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

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

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

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

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

5. Eligible Bidders

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

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

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

6. Origin of Associated Goods

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

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.
 - a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address at **2F Function Room, New Admin Building, CEZ Rosario Cavite** and/or through videoconferencing/webcasting} as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

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

11. Documents Comprising the Bid: Financial Component

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

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and

specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

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

14. Bid and Payment Currencies

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

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until **23** *March* **2021**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet



Bid Data Sheet

FB Clause							
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:						
	1) Construction of Apartment, Dormitory, Residential & School						
	2) Completed within the last five (5) years prior to the deadline submission and receipt of bids.						
7.1	Subcontracting is not allow	ved.					
10.3	valid PCAB License						
10.4	a. Size Range: <u>Small</u> b. License Category: c. Allowable Range of The key personnel must m	<u>C & D</u> f Contract Cost: <u>up to 3</u>					
	below:						
	Kau Damaana l	Delevent Functioner					
	Key Personnel	General Experience (Years)	Relevant Experience (Years)				
	Project Manager	5	3				
	Project Engineer	5	3				
	Materials Engineer	3	2				
	Construction Foreperson	5	3				
	(Foreman)						
	Safety Officer	3	2				
10.5	The minimum major equip	ment requirements are t	he following: Minimum Capacity				
	Welding Machine	1	200 - 400 amp				
	Electric cut-off	1	200 - 400 amp				
	Chainsaw	1	24 - 36 inches				
	Bar cutter	1	up to 25mm Bar Diameter				
		1	(Manual)				
	Bar bender	1	up to 25mm Bar Diameter				
			(Manual)				
	Concrete vibrator	1	(Manual) 2 HP				
	Concrete vibrator Dump Truck/Truck	1 1					
			2 HP				

15.1	 The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than <u>₱219,983.74</u>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than <u>₱549,959.35</u> if bid security is in Surety Bond.
19.2	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
20	a. Bidder with the LCB shall submit income and business tax returns filed through the Electronic Filing and Payments System (EFPS). The latest income and business tax returns are those within the last six months preceding the date of bid submission.
21	 Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as: 1. Construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling. 2. Certificate of Site Inspection issued by the CEZ-Engineering & Maintenance Division.

Section IV. General Conditions of Contract



1. Scope of Contract

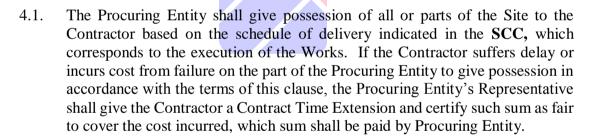
This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual,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

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

2. Sectional Completion of Works

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

3. Possession of Site



4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

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

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

5. **Performance Security**

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

6. Site Investigation Reports

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

7. Warranty

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

8. Liability of the Contractor

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

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

9. Termination for Other Causes

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

10. Dayworks

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

11. Program of Work

- 11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.
- 11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. **Progress Payments**

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

15. Operating and Maintenance Manuals

15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC.**

15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.



Section V. Special Conditions of Contract



Special Conditions of Contract

GCC Clause					
2	The Intended Completion Date is One Hundred Eighty (180) Calendar Days from receipt of Notice to Proceed.				
4.1	Upon receipt of the Notice to Proceed, the Contractors Representative shall immediately coordinate with the Engineering Maintenance Division for instruction/briefing prior to implementation.				
6	The site investigation reports are: <u>Conduct of Site Inspection is strictly</u> <u>required.</u>				
7.2 <i>The warranty against Structural Defects/Failures: <u>Five (5) years.</u></i>					
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.				
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>three</i> (3) days of delivery of the Notice of Award.				
11.2	The amount to be withheld for late submission of an updated Program of Work is [<i>insert amount</i>].				
13	The amount of the advance payment <u>shall not exceed 15% of the total</u> <u>contract price and schedule of payment.</u>				
14	Materials and equipment delivered on the site but not completely put in place shall be included for payment.				
15.1	The date by which operating and maintenance manuals are required is [date].				
	The date by which "as built" drawings are required is [date].				
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .				

Section VI. Specifications

PROJECT : PROPOSED THREE – STOREY CEZ EMPLOYEES DORMITORY

LOCATION : ROSARIO, CAVITE

A. <u>GENERAL REQUIREMENTS</u>

1. SCOPE

Furnish all materials, labor, equipment, testing and all other facilities for the satisfactory performance of all work necessary for the completion of the project.

2. MOBILIZATION / DEMOBILIZATION

Mobilization shall include transportation to the site of contractor's plant, materials, equipment, employees and furnishings and temporary facilities. Demobilization shall include dismantlement and removal from the site of contractor's plant, materials and equipment and all temporary facilities. Demobilization includes clean-up of the site after completion of the contract work.

3. TEMPORARY FACILITIES

- a) The contractor shall apply temporary connection for power and water.
- b) Install temporary fence and enclosure.
- c) The Contractor shall provide a temporary shelter but shall not be permitted to erect temporary buildings or structures inside the zone.

4. PROJECT BILLBOARD

- a) The contractor shall install one (1) billboard in projects site measuring 1200mmx2400mm.
- b) The contractor shall also install one (1) billboard as per COA circular no. 2013-004.

5. CONSTRUCTION SAFETY AND HEALTH

- a) The contractor shall submit appropriate Construction Safety and Health Program (CSHP) in accordance with DOLE D.O. no. 13, series of 1998. The proposed CSHP shall be approved by DOLE-BWC and shall submit a copy to the Authority.
- **b**) The contractor shall provide appropriate personal protective equipment shall not less than quantity indicated in POW (Program of Works). For

General Construction Work, the required PPE for all workers shall be safety helmet, safety gloves and safety shoes.

c) Provide safety and warning signages around the construction site.

B. EARTHWORKS

1. EXCAVATION

Trenches or foundation pits for structures or structure footings shall be excavated to the lines and grades or elevations shown on the approved plan or as staked by the Engineer.

2. EMBANKMENT

Backfilling and embankment for foundation using the excavated materials.

3. GRAVEL BED

Use gravel, G-3/4 as bedding, properly compact using tampering rammer.

C. TERMITE CONTROL

Application of termite solution after excavation.

D. CONCRETE WORKS

- 1. Used Ready-Mixed Concrete PCD 3000 psi at 14 days for all structures (footing, footing tie beam, column, slab on grade and suspended slab).
- 2. Reinforcing steel Shall conform to the requirements of ASTM standards for grade 40. Ensure that reinforcement are clean, of the correct dimensions, and properly placed in accordance with approved reinforcement drawing.
- 3. Paints used flat latex primer and Semi-gloss latex as final coating

E. MASONRY

- 1. Cement Portland cement shall conform to the requirements of item 700, Hydraulic cement. Type I cement shall be used unless otherwise provided for in special provision.
- 2. Concrete Hollow Blocks Check that all masonry units comply with the plans and specifications. Non-load bearing CHB, 150mm with a minimum strength of 150 psi and conform to ASTM standards.
- 3. Reinforcing steel shall conform to the requirements of ASTM standards for grade 40.

- 4. Mortar and Plastering cement mortar filler and plastering (tool finished at both sides for CHB and rough plastered for column and beam) with a mixture of 1: 3 ratio (cement: sand).
- 5. Paints used flat latex primer and Semi-gloss latex as final coating

F. STEEL WORKS

- 1. Galvanized iron angle bar shall conform to ASTM A 36 standards.
- 2. Galvanized iron pipe schedule 40 shall conform to ASTM A 120 standards.
- 3. Welding Electrodes welding electrodes shall be E60xx series.
- 4. Paints used epoxy primer and QDE paint as final coating.

G. DOORS AND WINDOWS

- 1. Glass Door for main entrance door, Flush door for dining area and main entrance door of T&B, MDF Door for bedrooms, PVC with louver door for T&B, and Hollow Metal Door with panic push bar for fire exit.
- 2. Analok Sliding Window with screen and Awning Type Window with screen.

H. FINISHING WORKS

- 1. Plain cement plastered finished for floor, wall and structures.
- 2. 600mm x 600mm Ceramic tiles for main floor finish and 300mm x 300mm Ceramic tiles for comfort room (floor and wall)
- 3. 6in x 36in x 2mm Vinyl Wood Planks finished for stairs
- 4. Quartz finish for kitchen counter top and 300mm x 300mm Ceramic tiles wall finish.

I. <u>CARPENTRY WORKS</u>

- 1. Ceiling as shown or as indicated in approved drawings.
- 2. Bedroom closet cabinet and Base and Hang Cabinet as shown or as indicated in approved drawings.

J. <u>ROOFING</u>

1. Used pre-painted long span rib type ga. 24 with ½ in. insulation for roofing, stainless inside gutter ga. 22 and pre-painted flashing ga. 24.

K. <u>PLUMBING/SANITARY</u>

- 1. Plumbing fixtures are HCG brand or approved equal and subject for approval.
- 2. Sewer pipes shall be polyvinyl chloride (PVC) series 1000, Neltex brand or approved equal.
- 3. Water lines are polypropylene random (PPR) pipe PN-10 standard.

L. <u>ELECTRICAL</u>

- 1. All electrical works shall be in accordance with the plans and specifications, the latest edition of Philippine Electrical Code (PEC).
- 2. All electrical wires shall be copper and thermoplastic insulated type THHN with minimum size of 3.5 sq.mm for feeders and TW for grounding wire or approved equal.
- 3. Conduit shall PVC, RSC pipe.

M. OTHERS

1. Removal and Hauling of Trees.

N. DURATION OF PROJECT

Completion of the project shall be for a period of <u>one hundred eighty (180) calendar</u> <u>days</u> which shall commence from the date of receipt of Notice to Proceed.



I hereby certify to comply and deliver all the above requirements.

Signature over Printed Name of Representative	:
Company/Bidder	:
Address	:
Tel No./E-mail Address	:
Date	:

Section VII. Drawings





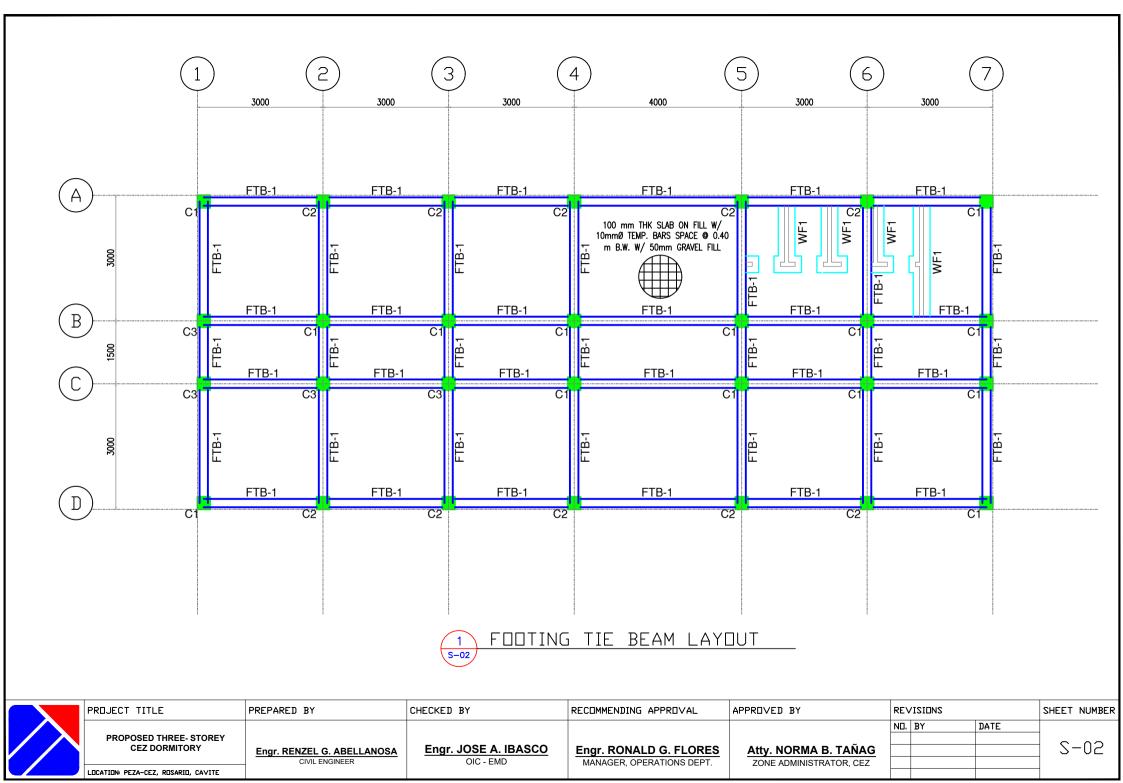
MANAGER, OPERATIONS DEPT.

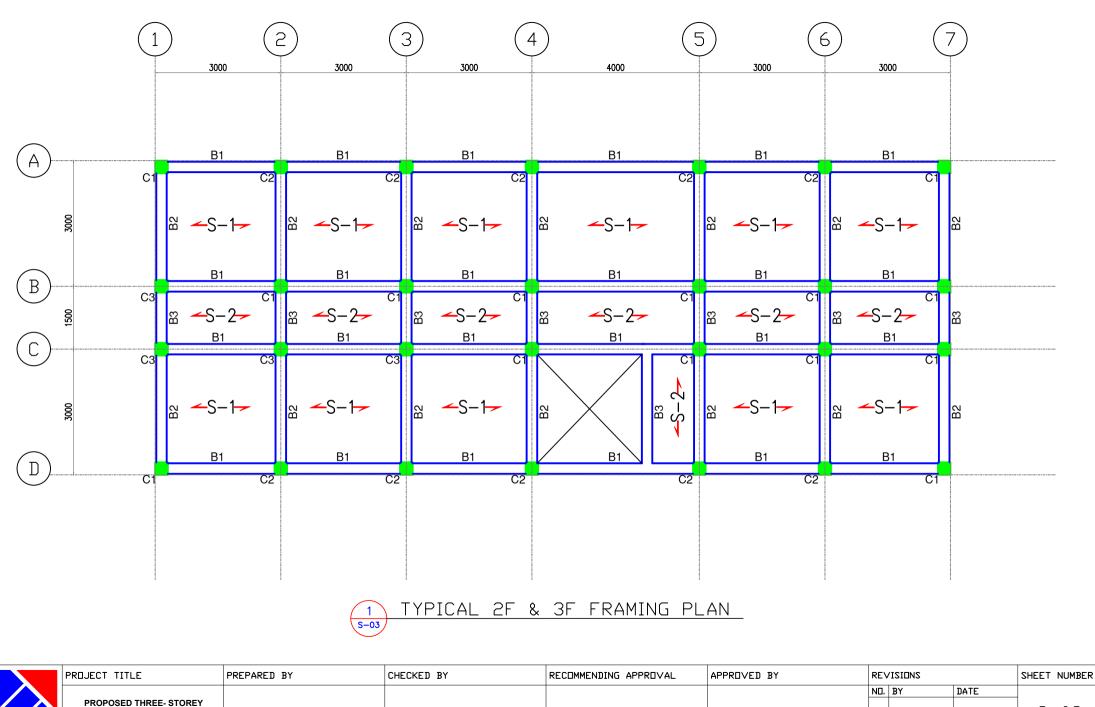
ZONE ADMINISTRATOR, CEZ

OIC - EMD

CIVIL ENGINEER

LOCATION PEZA-CEZ, ROSARIO, CAVITE





Engr. JOSE A. IBASCO

OIC - EMD

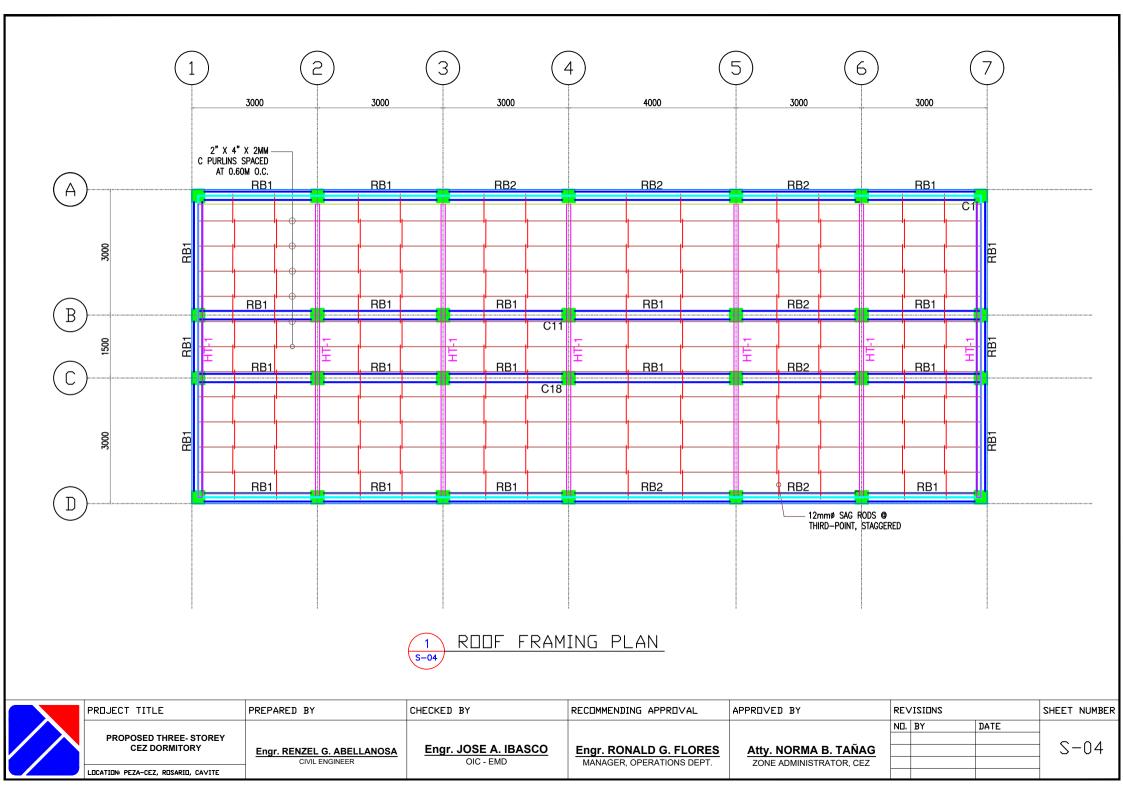
CEZ DORMITORY

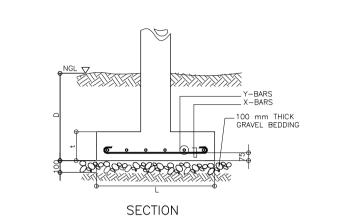
Engr. RENZEL G. ABELLANOSA

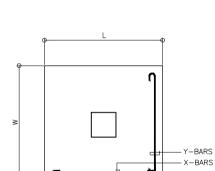
CIVIL ENGINEER

Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG
MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ



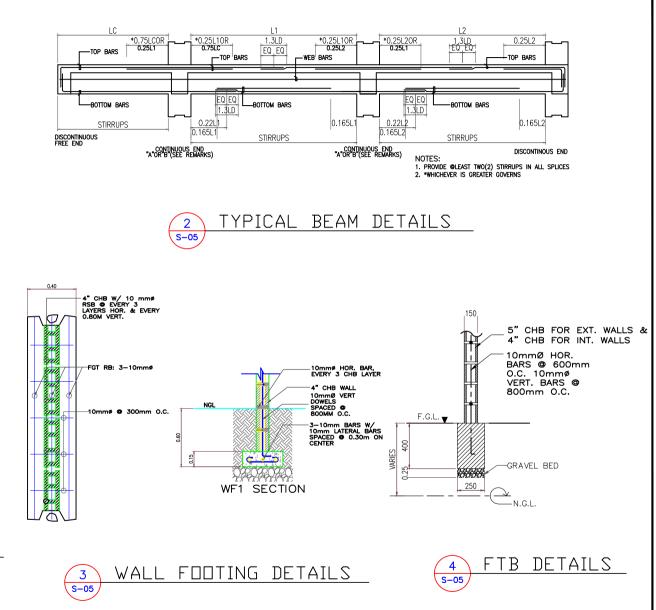






TYPICAL COLUMN & FOOTING DETAILS

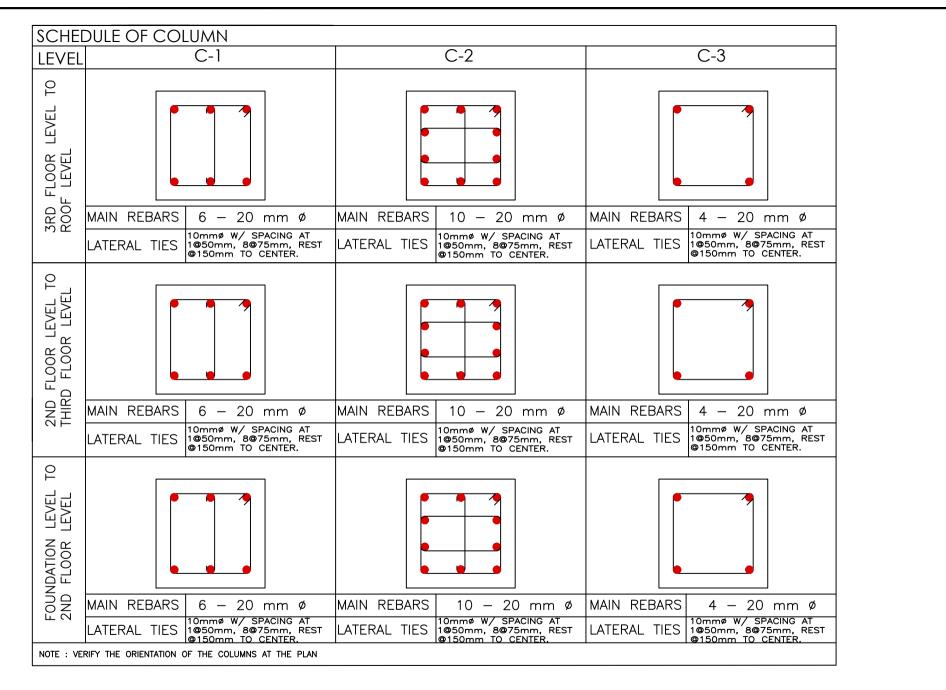
S-05



SHEET NUMBER

S-05

APPROVED BY PROJECT TITLE PREPARED BY CHECKED BY RECOMMENDING APPROVAL REVISIONS ND. BY DATE **PROPOSED THREE- STOREY** CEZ DORMITORY Engr. JOSE A. IBASCO Engr. RONALD G. FLORES Atty. NORMA B. TAÑAG Engr. RENZEL G. ABELLANOSA OIC - EMD CIVIL ENGINEER MANAGER, OPERATIONS DEPT. ZONE ADMINISTRATOR. CEZ LOCATION: PEZA-CEZ, ROSARIO, CAVITE



	PROJECT TITLE	PREPARED BY	CHECKED BY	REC⊡MMENDING APPR⊡∨AL	APPROVED BY	REVISIONS		SHEET NUMBER
	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	S-06

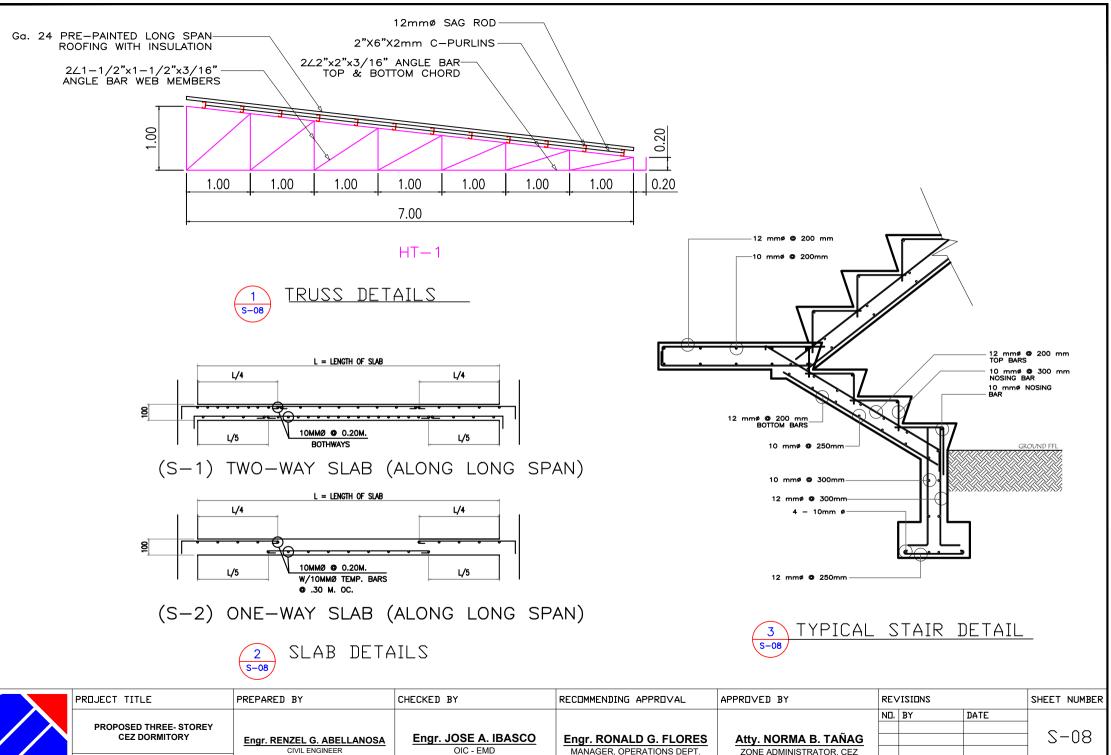
BEAM SCHEDULE

BEAM	SI	ZE	REBAR	LE	FT	м	ID	RIG	àНТ	SHEAR STIRRUPS
MARK	В	D	Ø	TOP	вот	TOP	вот	ТОР	вот	(UNLESS NOTED OTHERWISE)
ROOF BEAM										
RB1	200	300	16mmØ	2-#16	2-#16	2-#16	2-#16	2-#16	2-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.
RB2	200	300	16mmØ	3-#16	2-#16	2-#16	3-#16	3-#16	2-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.
2F & 3F BEAM		•			•			•		
B1	250	400	16mmØ	5-#16	3-#16	3-#16	5-#16	5-#16	3-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.
B2	250	400	16mmØ	6-#16	3-#16	3-#16	6-#16	6-#16	3-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.
B3	250	400	16mmØ	3-#16	3-#16	3-#16	3-#16	3-#16	3-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.
FOOTING TIE BEAM			-							
FTB1	250	400	16mmØ	3-#16	3-#16	3-#16	3-#16	3-#16	3-#16	3 @ 50, 3 @ 75 4 @ 100 REST @ 150 MM. O.C.

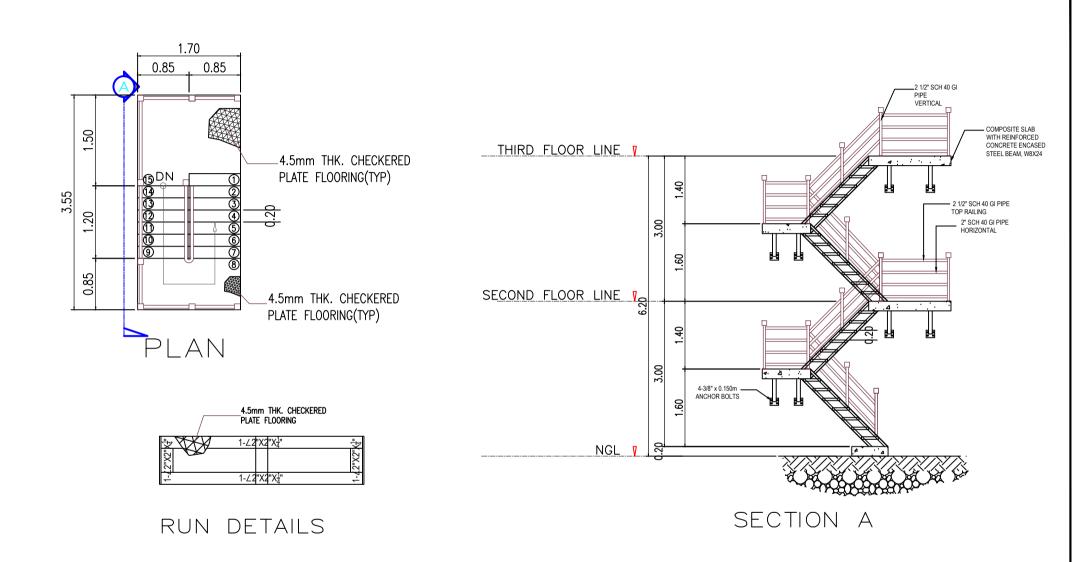
FOOTING SCHEDULE

FOOTING		FOOTING	FOOT	ING DIN	IENSION	(mm)	FOOTING REII	NFORCEMENT
MARK	COLUMN NUMBERS	TYPE	length (L)	width (W)	Thickness (t)	depth (D)	BAR X	BAR Y
F-1	As Per Lay-out	Isolated Pad	1500	1500	300	1500	10-#16@150 C/C	10-#16@280 C/C
F-2	As Per Lay-out	Isolated Pad	1600	1600	300	1500	11-#16@130 C/C	11-#16@130 C/C
F-3	As Per Lay-out	Isolated Pad	1800	1800	300	1500	12-#16@150 C/C	12-#16@150 C/C
CF-1	As Per Lay-out	Combined Pad	3000	1500	300	1500	20-#16@150 C/C	10-#16@150 C/C
CF-2	As Per Lay-out	Combined Pad	3100	1600	350	1500	21-#16@130 C/C	11-#16@130 C/C
CF-3	As Per Lay-out	Combined Pad	3300	1800	350	1500	22-#16@150 C/C	12-#16@150 C/C

	PRDJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE∖	/ISIONS		SHEET NUMBER
	PROPOSED THREE- STOREY					ND.	BY	DATE	_
	CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG				S-07
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE	CIVIL ENGINEER	OIC - EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ				_

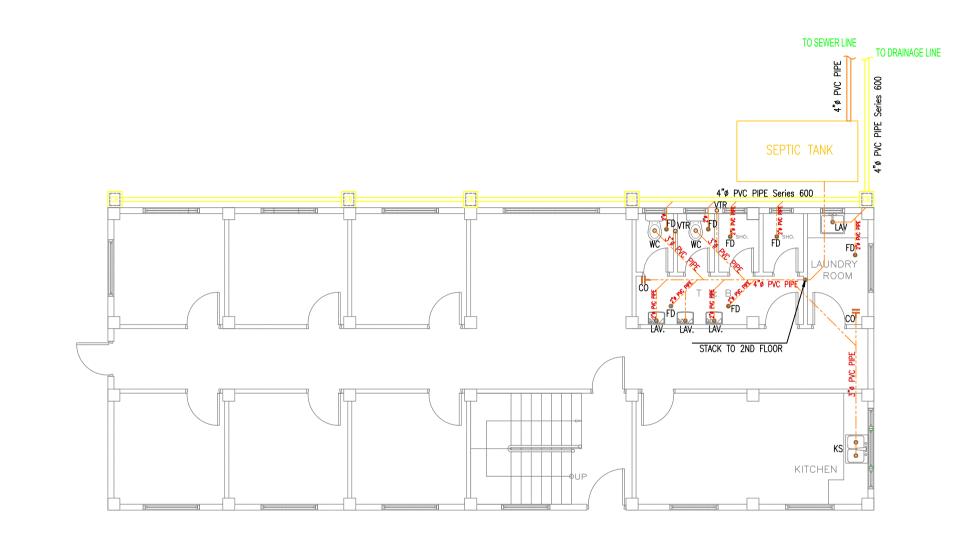


LICATION: PEZA-CEZ, ROSARID, CAVITE



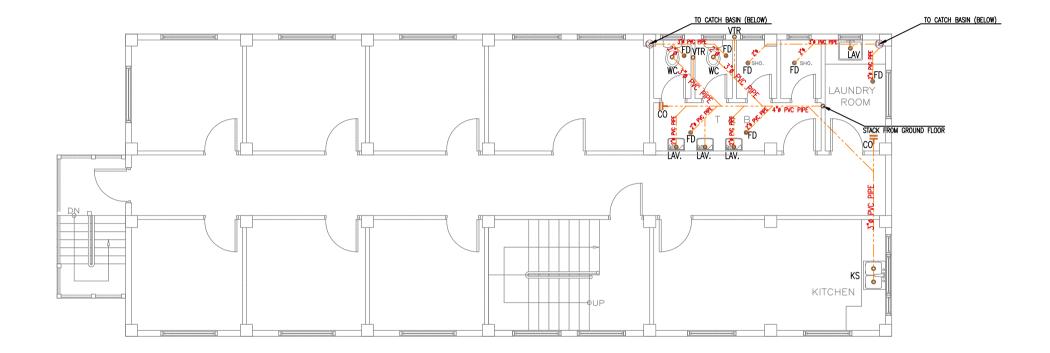


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						ND.	BY	DATE	
	PROPOSED THREE- STOREY				~				
	CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG				S-09
		CIVIL ENGINEER	OIC - EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ				
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE								



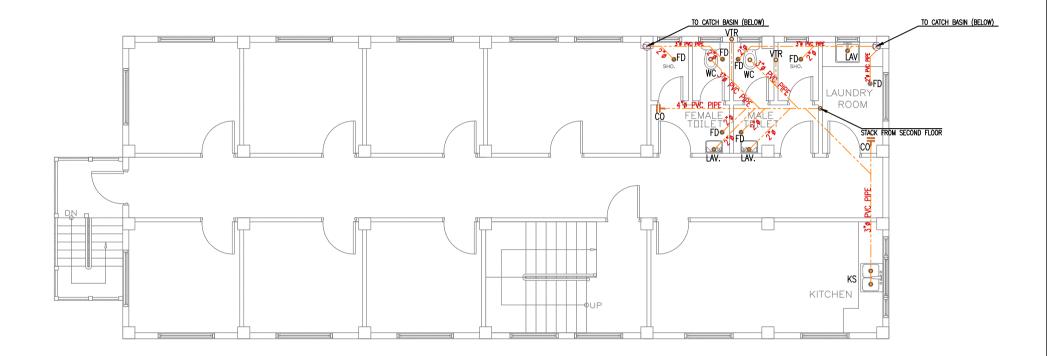
GROUND FLOOR 1 SEWERLINE LAYOUT PLAN P-01

PRDJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REVISIONS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	P-01



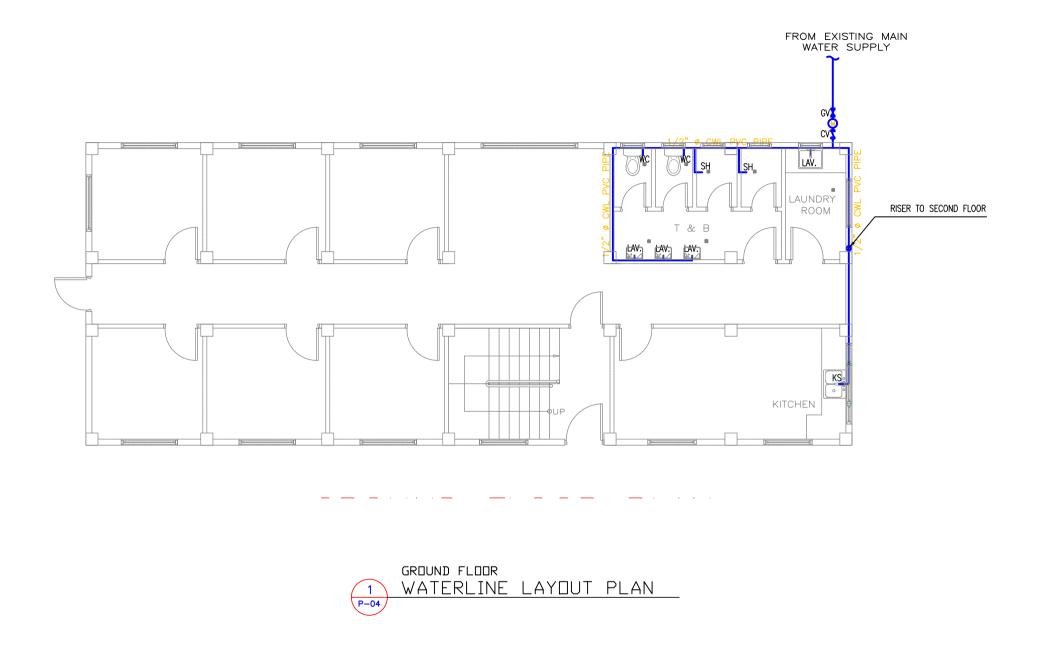


PRDJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE∨ISIONS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY LDCATION: PEZA-CEZ, RUSARID, CAVITE	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	P-02

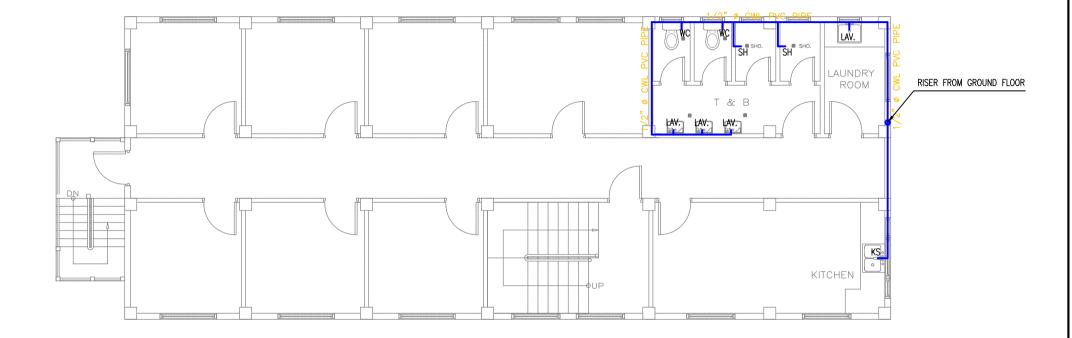




	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REVISIONS		SHEET NUMBER
\bigcirc	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	P-03

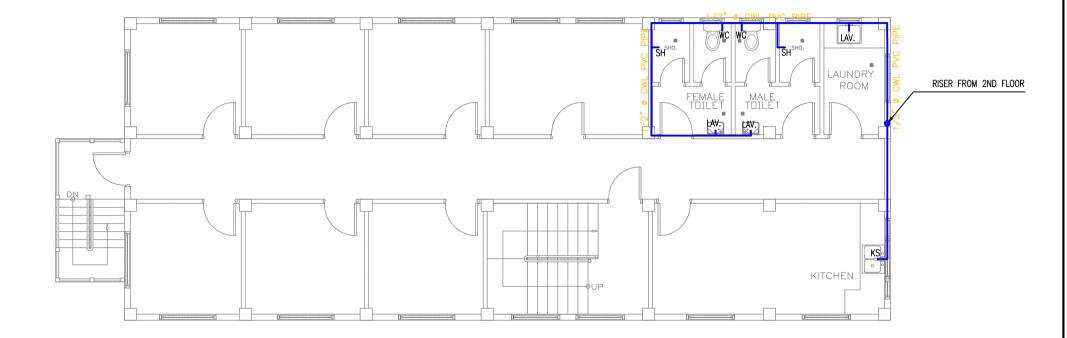


	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE۱	/ISIONS		SHEET NUMBER
						ND.	BY	DATE	
	PROPOSED THREE- STOREY								
	CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG				P-04
		CIVIL ENGINEER	OIC - EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ				
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE								



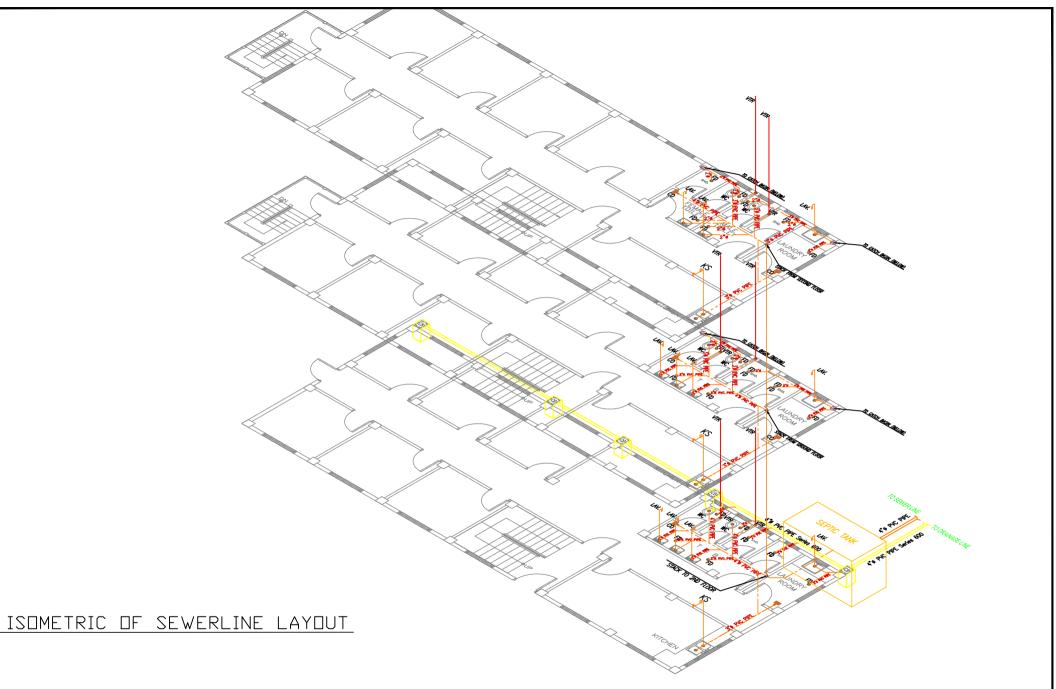


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PROPOSED THREE- STOREY CEZ DORMITORY LICATION: PEZA-CEZ, RISARID, CAVITE	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND.	BY	DATE	P-05





PRDJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE۱	∕ISI⊡NS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY LICATION: PEZA-CEZ, ROSARID, CAVITE	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND.	BY	DATE	P-06



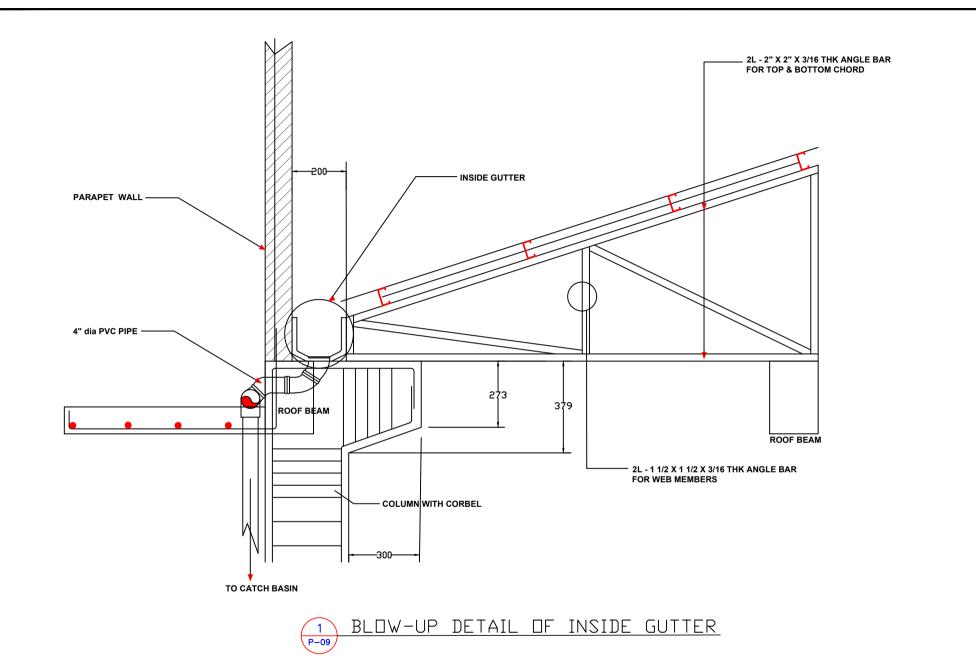
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\bigcirc	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY DATE	P-07

(1) (P-07)

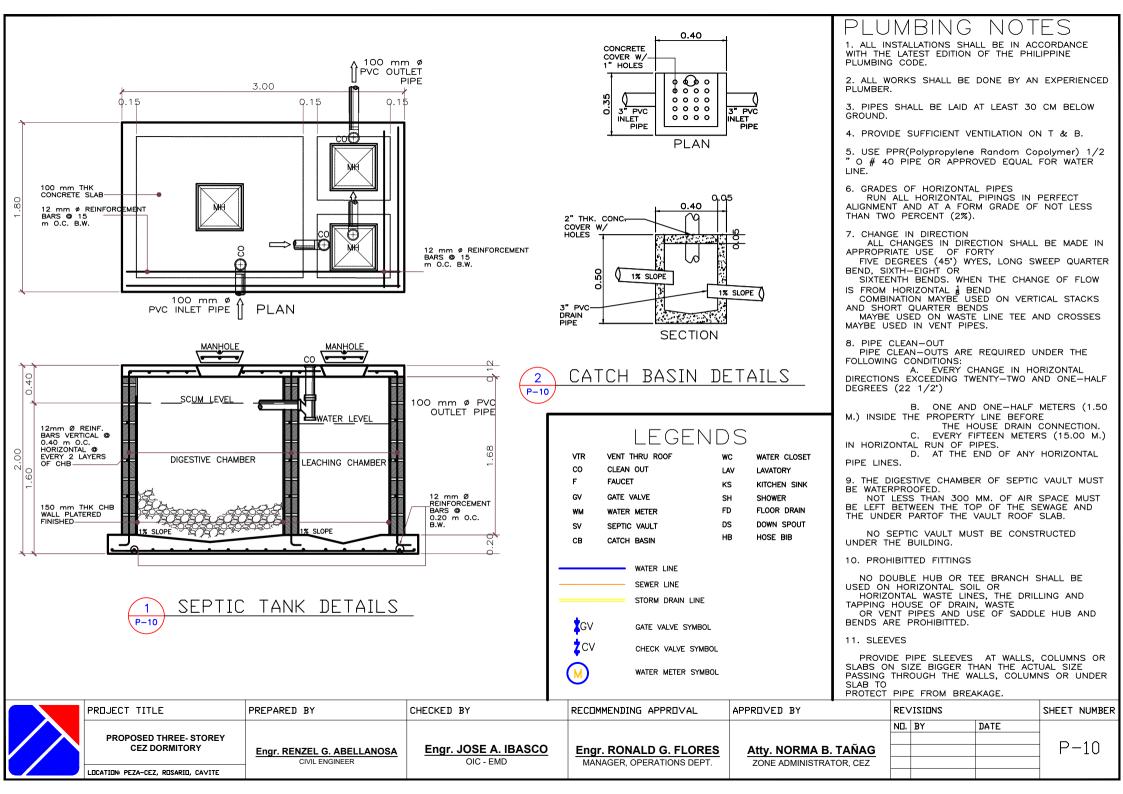


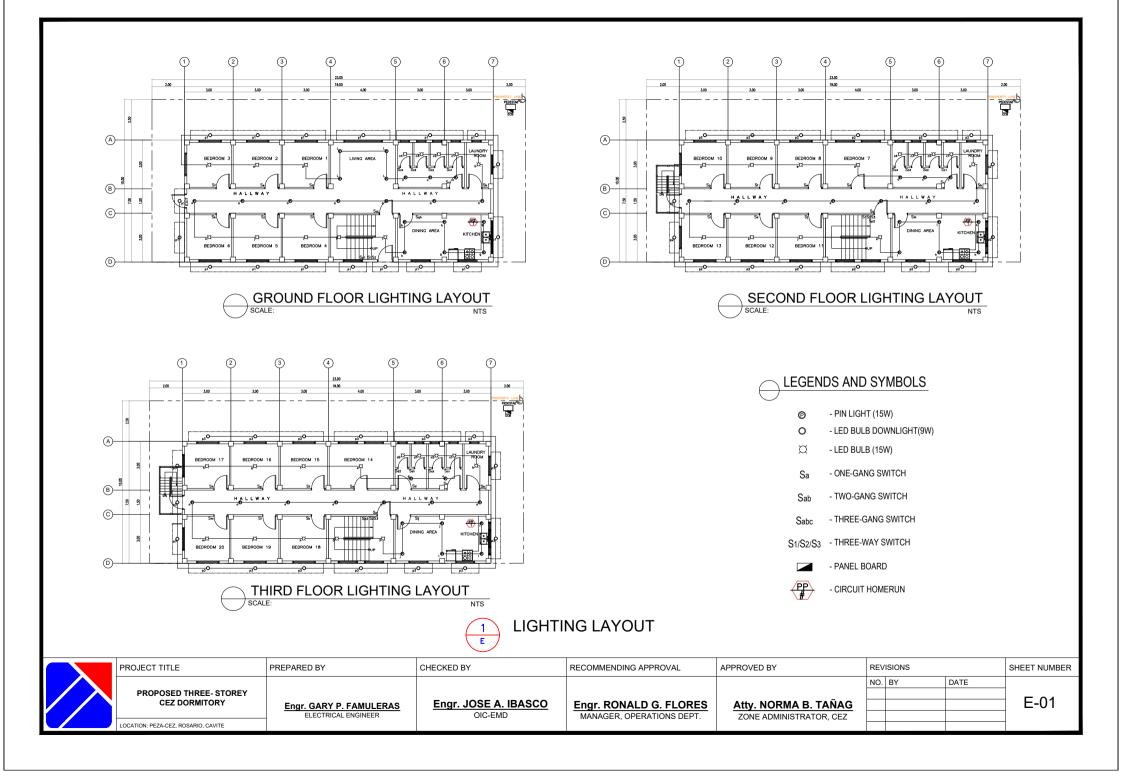
1 ISOMETRIC OF WATERLINE LAYOUT

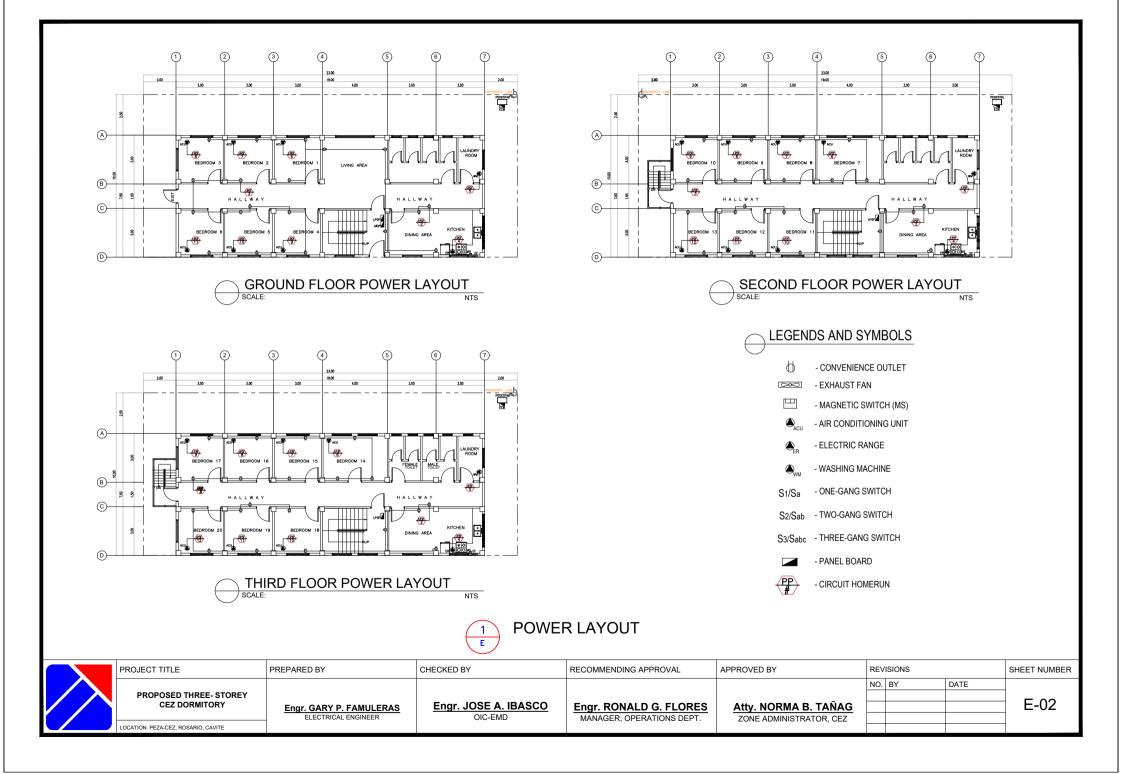
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						ND. BY	DATE	
	PROPOSED THREE- STOREY							
	CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG			P-08
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE	CIVIL ENGINEER	OIC - EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ			-



PREJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPRO∨AL	APPROVED BY	RE∨ISI⊡NS		SHEET NUMBER
PROPOSED THRE CEZ DORMIT	CORY Engr. RENZEL G. ABELLAN CIVIL ENGINEER	OSA Engr. JOSE A. IBASCO OIC - EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	P-09







CCT No.	LOAD DESCRIPTION	VA RATING	VOLT	CUR	RENTI	N AMPE	RE	POLE	CB Rating	CONDUCTOR SIZE	CONDUIT
				AB	CA	BC	3Ø				
1	Lighting Loads	648	230	2.82				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
2	Convenience Outlets	3,240	230		14.09			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
3	Convenience Outlets	3,240	230			14.09		2	20 A.T	2-3.5mm2 THHN + 3.5mm2 TW E	15mm dia PVC
4	Electric Range, Exhaust Fan	2,500	230	10.87				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
5	Washing Machine	1,500	230		6.52			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
6	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV0
7	1 HP Air Conditioning Unit	1,840	230	8.00	8.00 2		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV0	
8	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV0
9	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
10	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
11	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
12	SPARE	3,000	230	13.04				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV0
	TOTAL	25,168		34.73	36.61	38.09		3	75 A.T	3-22mm ² THHN + 8.0mm ² TW E	25mm dia PV0
									MAIN CIRC	UIT BREAKER PROTECTION:	
IT =	IT = 38.09*1.732+(10.87*25%)									, 3P, 230v 60Hz	
	68.68 AMP.								USEIJAI	, 3F, 230V 00H2	
ain F	ain Feeder Conductors:										

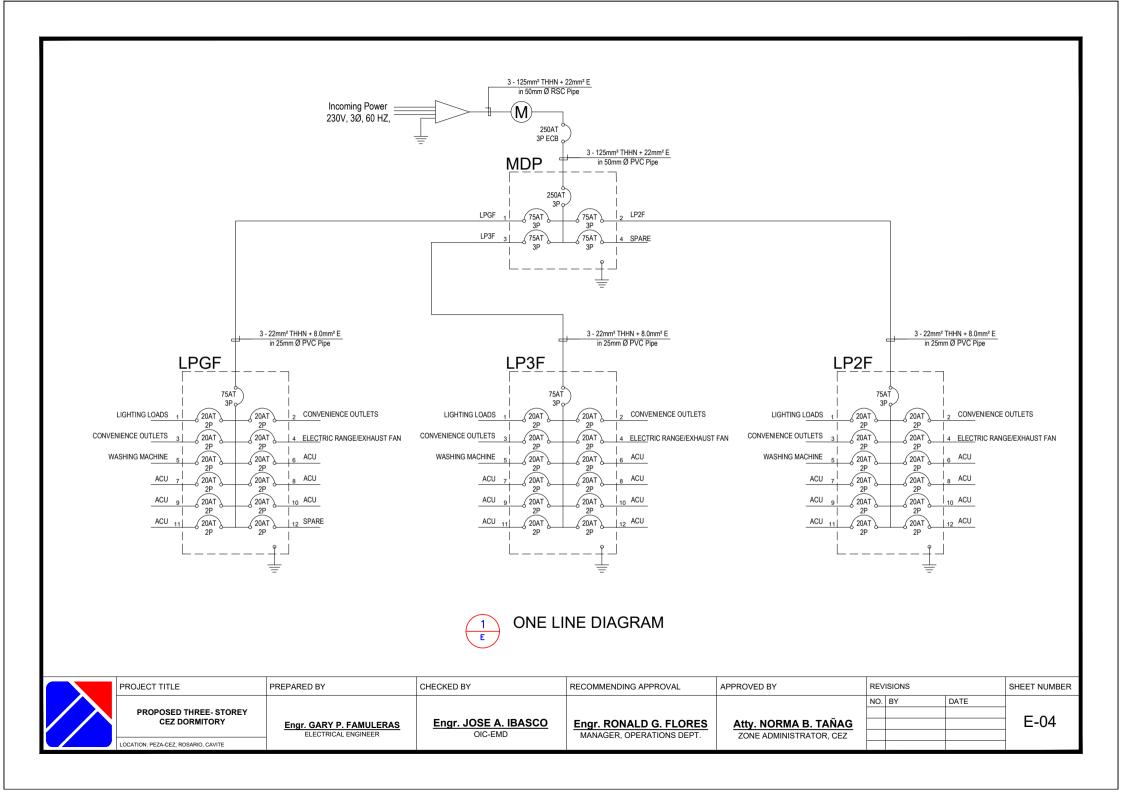
CCT No.	LOAD DESCRIPTION	VA RATING	VOLT	CUF	RENT I	N AMPE	RE	POLE	CB Rating	CONDUCTOR SIZE	CONDUIT
				AB	CA	BC	3Ø				
1	Lighting Loads	579	230		2.52			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
2	Convenience Outlets	3,600	230		15.65			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
3	Convenience Outlets	3,240	230			14.09		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
4	Electric Range, Exhaust Fan	2,500	230	10.87				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P\
5	Washing Machine	1,500	230			6.52		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P\
6	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P\
7	1 HP Air Conditioning Unit	1,840	230	8.00				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P
8	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
9	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P
10	1 HP Air Conditioning Unit	1,840	230					2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia P
11	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
12	1 HP Air Conditioning Unit	1,840	230	8.00				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PV
	TOTAL	24,270		34.87	34.20	36.61		3	75 A.T	3-22mm ² THHN + 8.0mm ² TW E	25mm dia P
									MAIN CIRC	UIT BREAKER PROTECTION:	
IT =	36.61*1.732+(10.87*25%)								1100 75 4 7	20. 220., 600-	
-	66.12 AMP.								Use / SAI	, 3P, 230v 60Hz	
lain I	eeder Conductors:										

LP3	F										
CCT No.	LOAD DESCRIPTION	VA RATING	VOLT	CUR	RENTI	n ampe	RE	POLE	CB RATING	CONDUCTOR SIZE	CONDUIT
				AB	CA	BC	3Ø				
1	Lighting Loads	588	230		2.56			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
2	Convenience Outlets	3,600	230		15.65			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
3	Convenience Outlets	3,240	230			14.09		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
4	Electric Range, Exhaust Fan	2,500	230	10.87				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
5	Washing Machine	1,500	230			6.52		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
6	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
7	1 HP Air Conditioning Unit	1,840	230	8.00				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
8	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
9	1 HP Air Conditioning Unit	1,840	230			8.00		2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
10	1 HP Air Conditioning Unit	1,840	230					2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
11	1 HP Air Conditioning Unit	1,840	230		8.00			2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
12	1 HP Air Conditioning Unit	1,840	230	8.00				2	20 A.T	2-3.5mm ² THHN + 3.5mm ² TW E	15mm dia PVC
	TOTAL	24,308		34.87	34.24	36.61		3	75 A.T	3-22mm ² THHN + 8.0mm ² TW E	25mm dia PVC
									MAIN CIRC	UIT BREAKER PROTECTION:	
IT =	36.61*1.732+(10.87*25%)								1100 7541	, 3P, 230v 60Hz	
-	= 66.12 AMP.									, JF, 230V 00112	
Main F	eeder Conductors:										
3 - 2	2mm ² THHN + 8.0mm ² TW E in 25r	nm dia PVC									

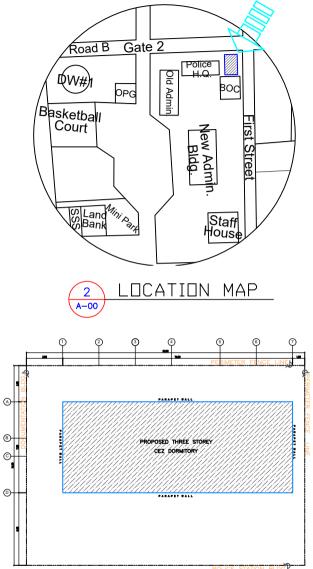
MD	P													
CCT No.	LOAD DESCRIPTION	VA RATING	VOLT			POLE	CB RATING	CONDUCTOR SIZE	CONDUIT					
			AB CA BC 3Ø				3Ø							
1	LPGF	25,036	230	34.28	36.61	38.09		3	75 A.T	2-22mm ² THHN + 8.0mm ² TW E	25mm dia EMT			
2	LP2F	24,210	230	34.87	33.94	36.61		3	75 A.T	2-22mm ² THHN + 8.0mm ² TW E	25mm dia EMT			
3	LP3F	24,254	230	34.87	34.00	36.61		3	75 A.T 2-22mm ² THHN + 8.0mm ² TW E 25mm dia E					
4	SPACE		230											
	TOTAL	73,500		104.02	105.55	111.31		3	250 A.T	3-125mm ² THHN + 22mm ² TW E	50mm dia RSC			
									MAIN CIRCUIT BREAKER PROTECTION:					
IT =	(111.31*1.732)*125%								1100 250 4	T. 3P. 230v 60Hz				
=	= 240.99 AMP.									1, 35, 2309 0012				
Main I	lain Feeder Conductors:													
3 - 1	25mm ² THHN + 22mm ² TW E in 50	nm dia RSC												



I	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REVI	ISIONS		SHEET NUMBER
L						NO.	BY	DATE	_
L	PROPOSED THREE- STOREY				~ ~ ~ ~				
	CEZ DORMITORY	Engr. GARY P. FAMULERAS	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG				E-03
		ELECTRICAL ENGINEER	OIC-EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ				
L	LOCATION: PEZA-CEZ, ROSARIO, CAVITE								



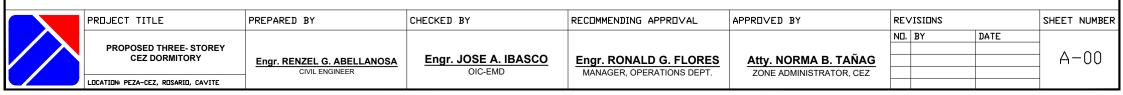
THE SITE

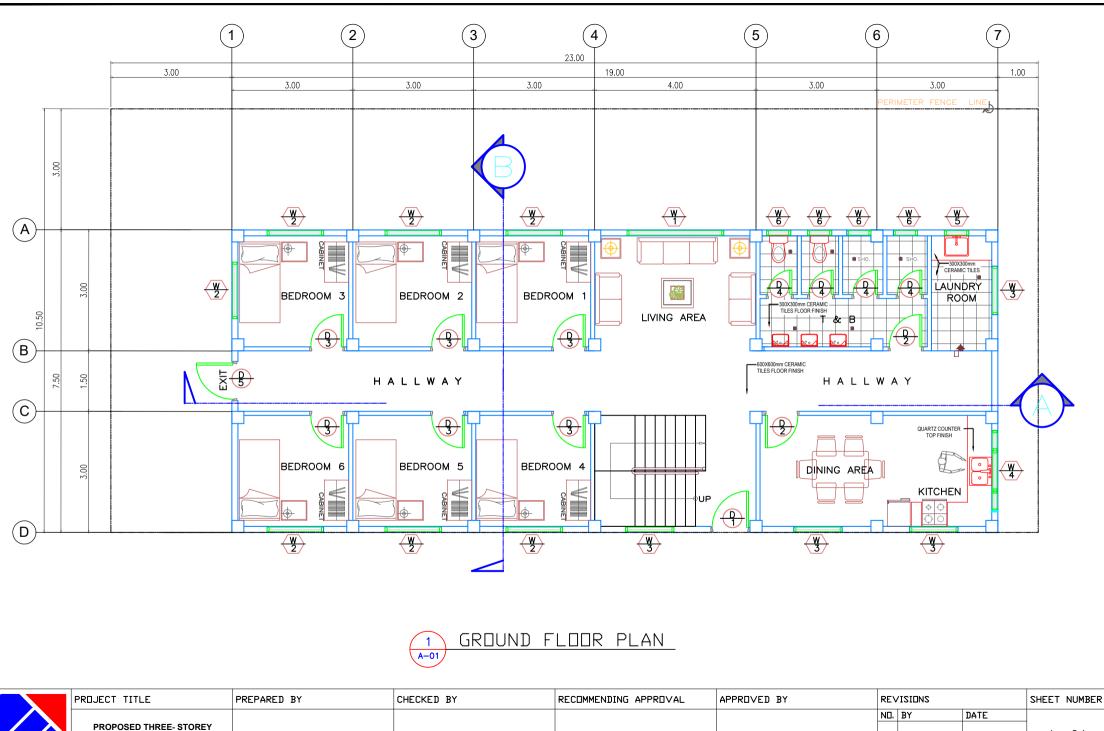


SITE DEVELOPMENT PLAN









LOCATION	PEZA-CEZ.	ROSARIO.	CAVITE

CEZ DORMITORY

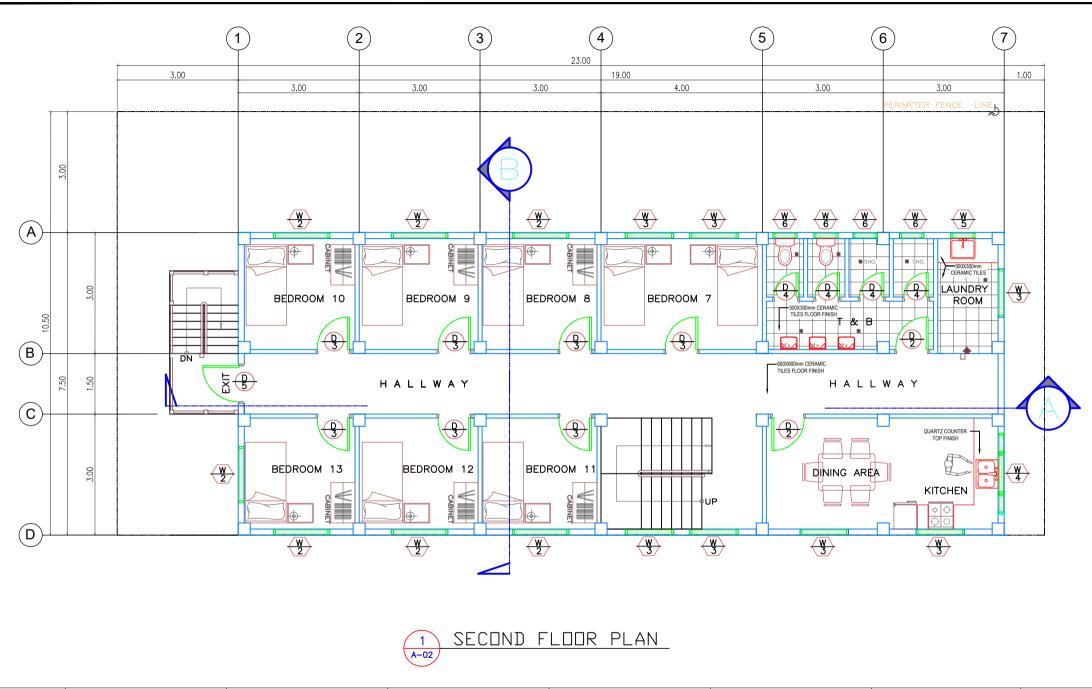
Engr. RENZEL G. ABELLANOSA

CIVIL ENGINEER

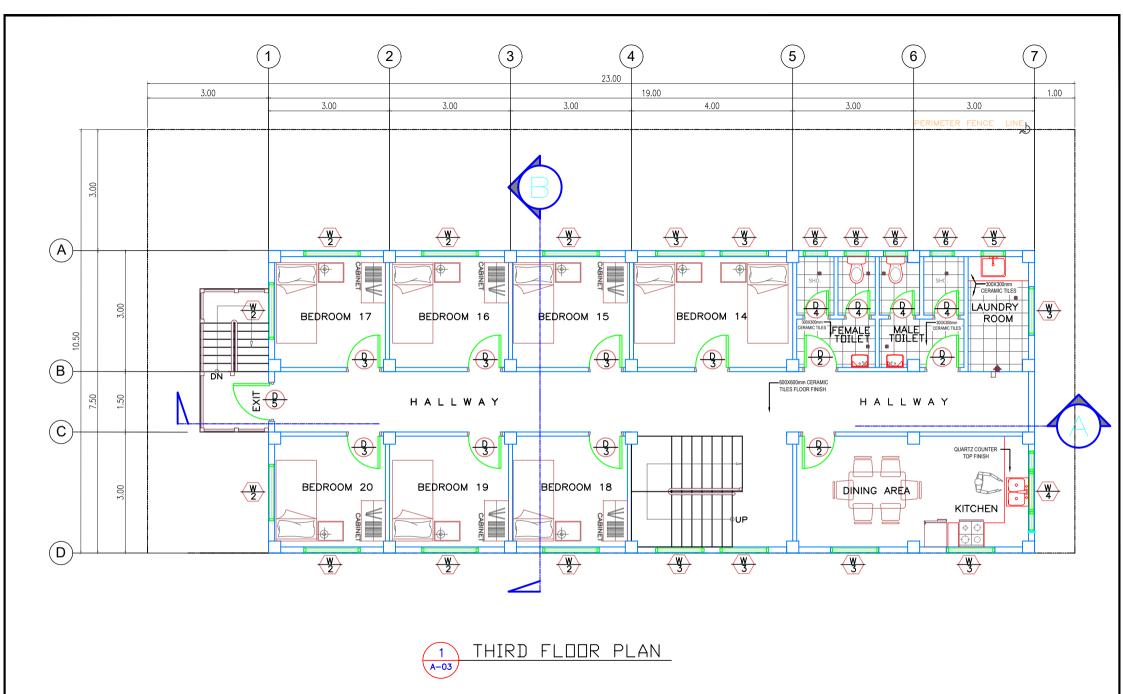
Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	
OIC-EMD	MANAGER, OPERATIONS DEPT.	

Atty. NORMA B. TAÑAG	
ZONE ADMINISTRATOR, CEZ	

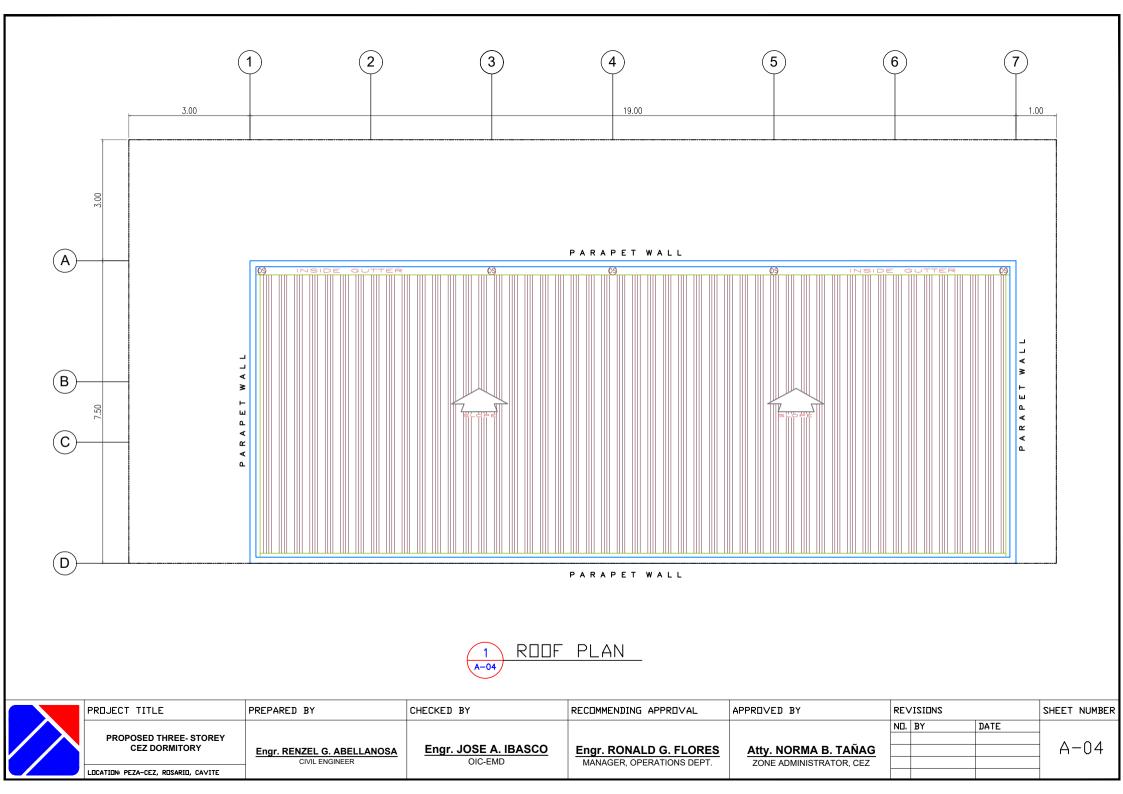


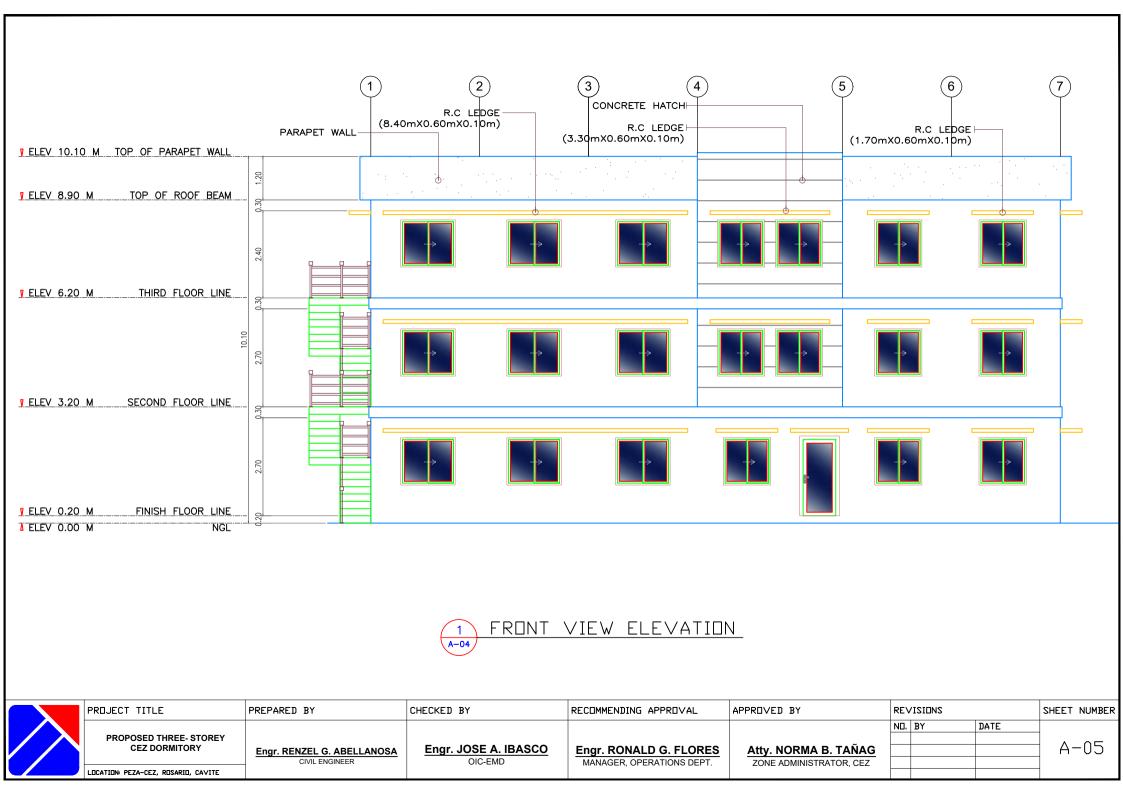


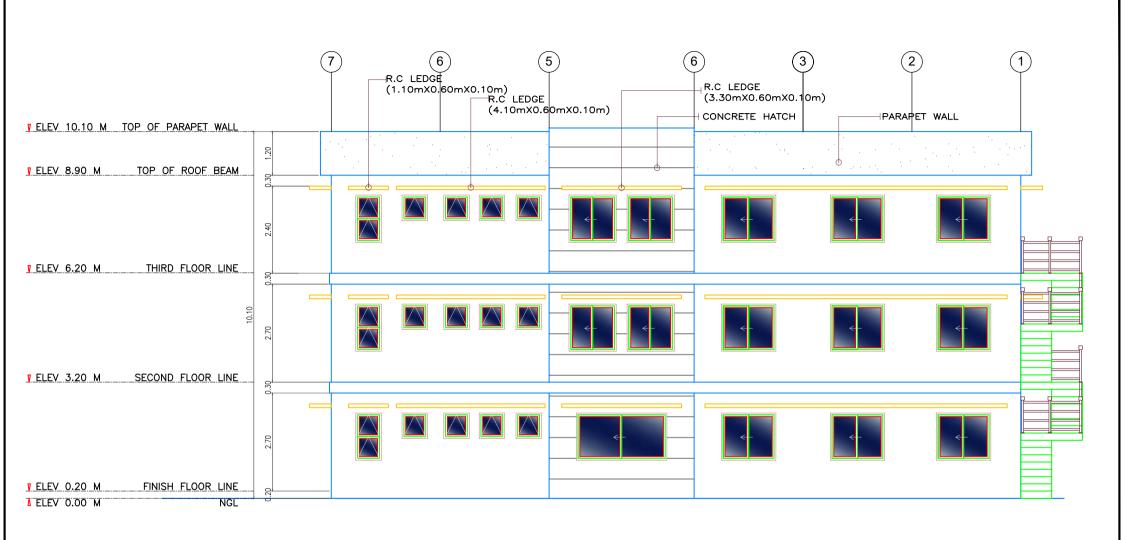
	PROJECT TITLE	PREPARED BY	CHECKED BY	REC⊡MMENDING APPR⊡∨AL	APPR⊡VED BY	RE∨ISI⊡NS		SHEET NUMBER
						ND. BY	DATE	
	PROPOSED THREE- STOREY				~			
	CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG			A-U2
		CIVIL ENGINEER	OIC-EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ			
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE							



	PRDJECT TITLE	PREPARED BY	CHECKED BY	REC⊡MMENDING APPR⊡∨AL	APPROVED BY	RE∨ISIONS		SHEET NUMBER
						ND. BY	DATE	
	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG			A-03
		CIVIL ENGINEER	OIC-EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ			
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE							

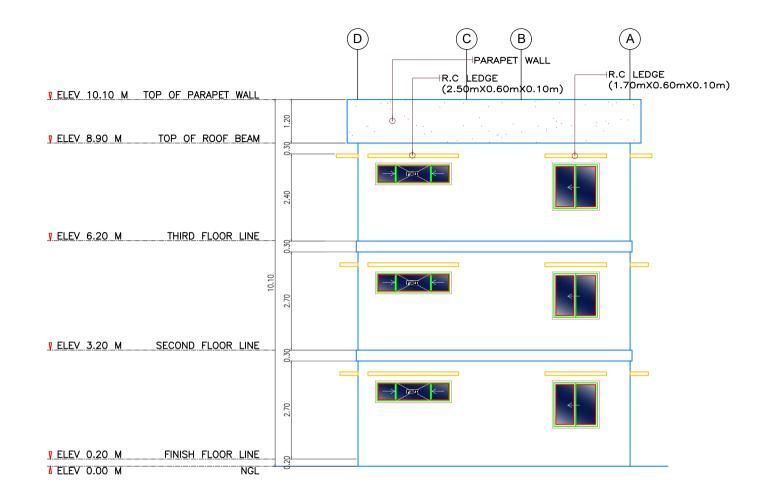






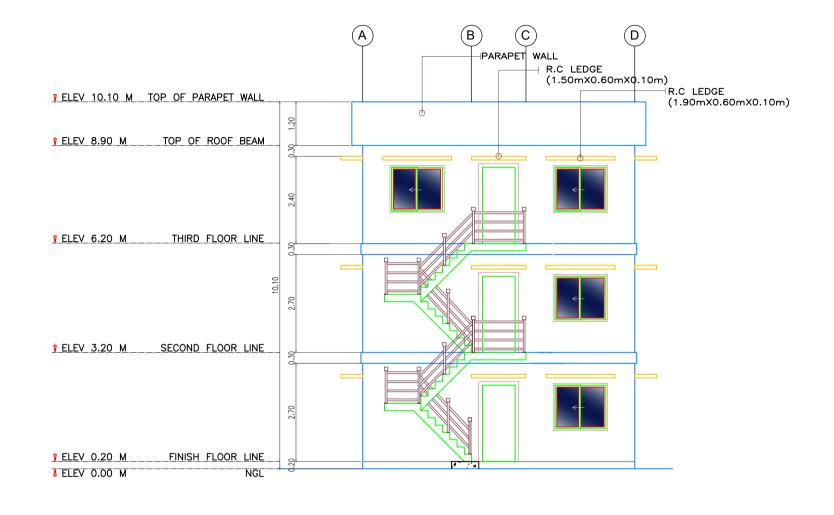
1 REAR VIEW ELEVATION

	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REN	/ISIONS		SHEET NUMBER
	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND.	BY	DATE	A-06



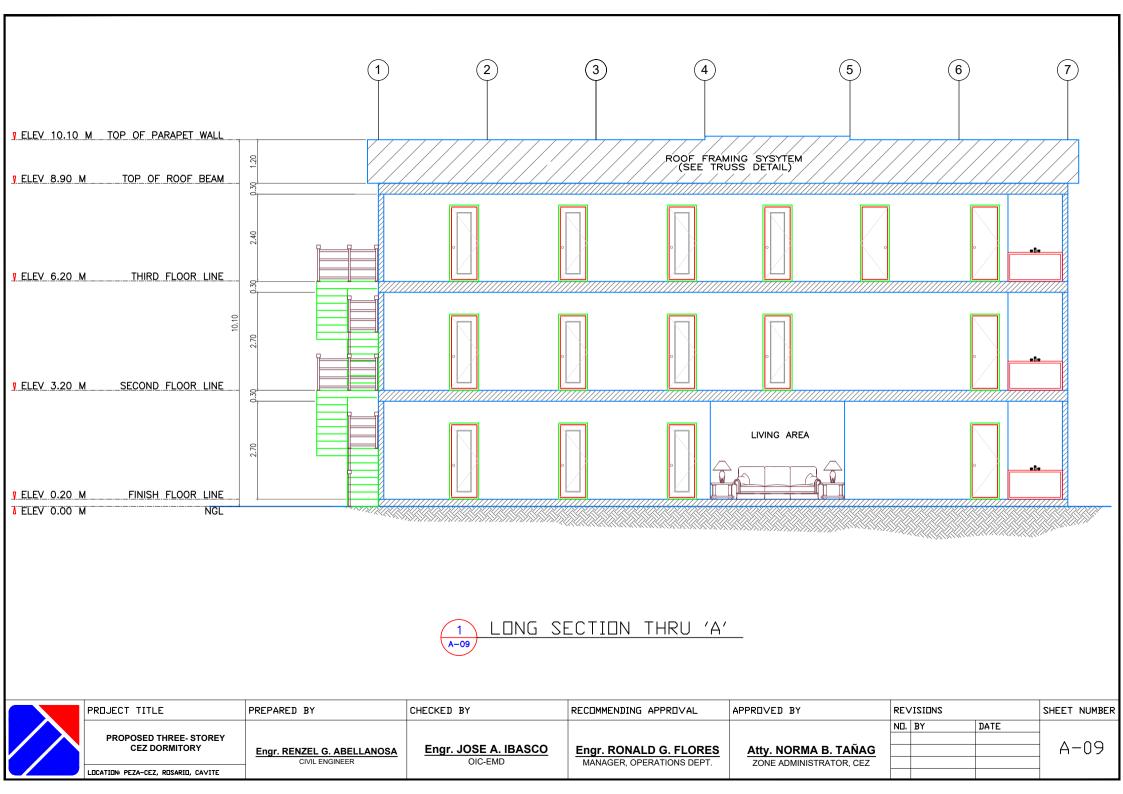
1 LEFT SIDE VIEW ELEVATION

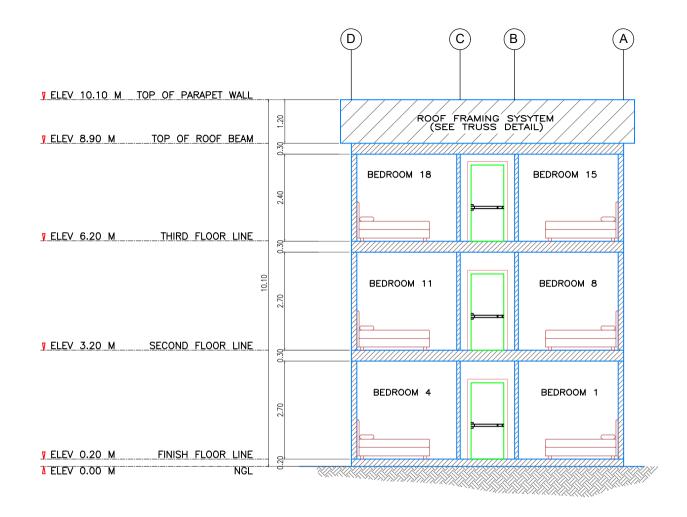
	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REVISIONS		SHEET NUMBER
	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	A-07



1 RIGHT SIDE VIEW ELEVATION

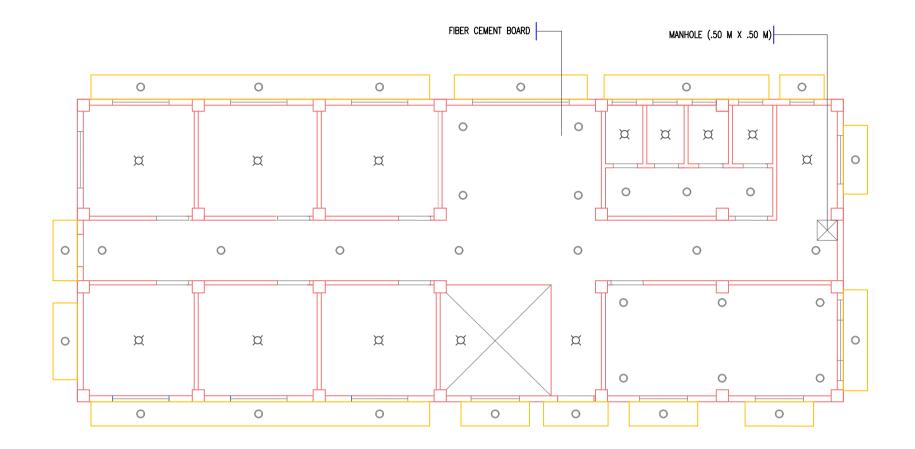
	PREJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE∨ISIONS		SHEET NUMBER
	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	A-08





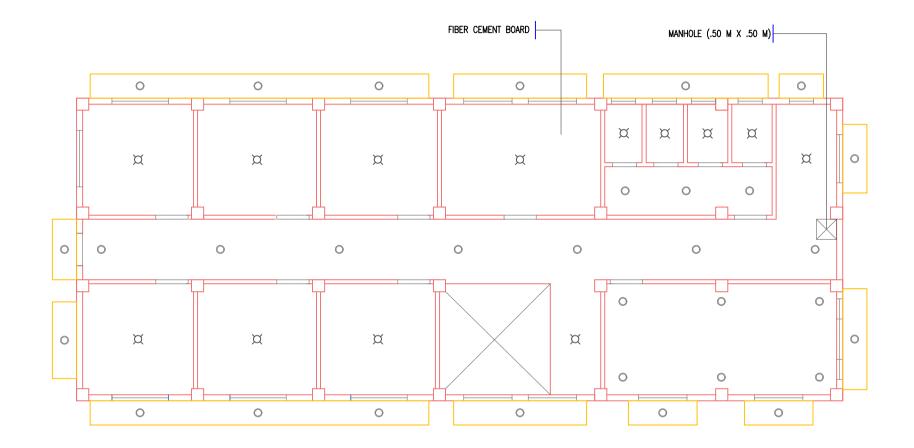


	PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE∖	/ISIONS		SHEET NUMBER
\bigcirc	PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA	Engr. JOSE A. IBASCO	Engr. RONALD G. FLORES	Atty. NORMA B. TAÑAG	ND.	BY	DATE	A-10
	LOCATION: PEZA-CEZ, ROSARIO, CAVITE	CIVIL ENGINEER	OIC-EMD	MANAGER, OPERATIONS DEPT.	ZONE ADMINISTRATOR, CEZ				



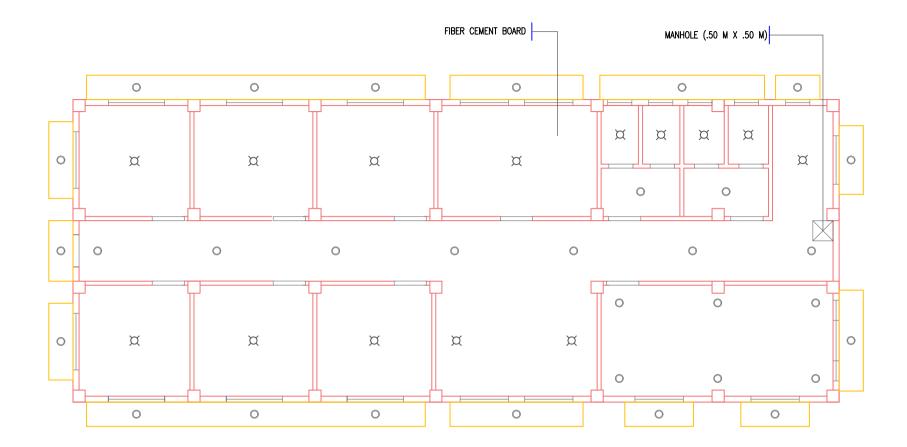


PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	REVISIONS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	A-11



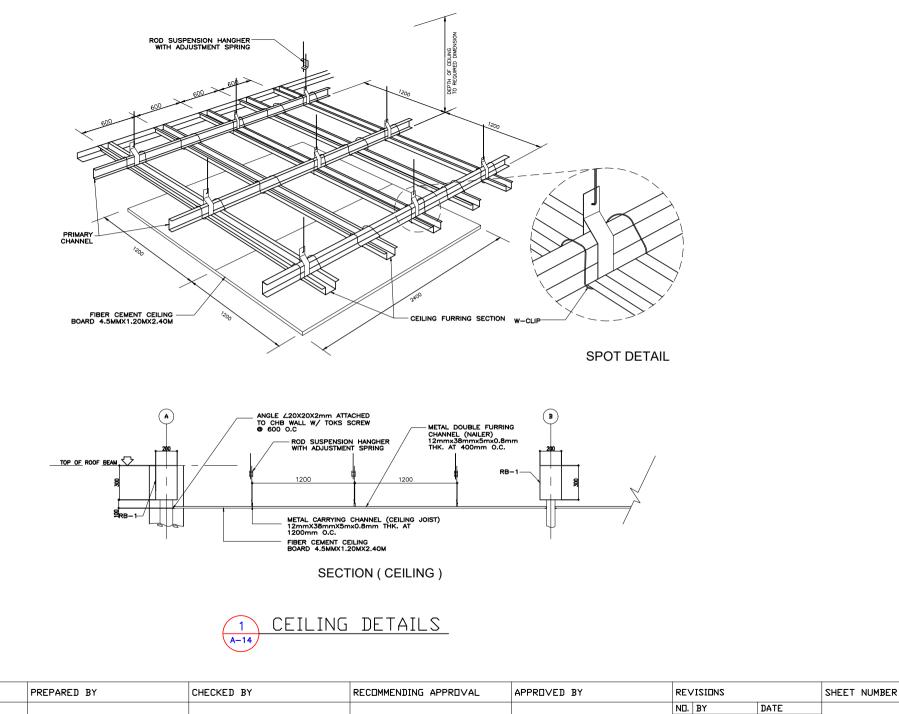


PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPROVAL	APPROVED BY	RE∨ISI⊡NS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	A-12





PROJECT TITLE	PREPARED BY	CHECKED BY	RECOMMENDING APPRO∨AL	APPROVED BY	RE∨ISI⊡NS		SHEET NUMBER
PROPOSED THREE- STOREY CEZ DORMITORY	Engr. RENZEL G. ABELLANOSA CIVIL ENGINEER	Engr. JOSE A. IBASCO OIC-EMD	Engr. RONALD G. FLORES MANAGER, OPERATIONS DEPT.	Atty. NORMA B. TAÑAG ZONE ADMINISTRATOR, CEZ	ND. BY	DATE	A-13



Engr. JOSE A. IBASCO Engr. RENZEL G. ABELLANOSA OIC-EMD CIVIL ENGINEER MANAGER, OPERATIONS DEPT. LOCATION: PEZA-CEZ, ROSARIO, CAVITE

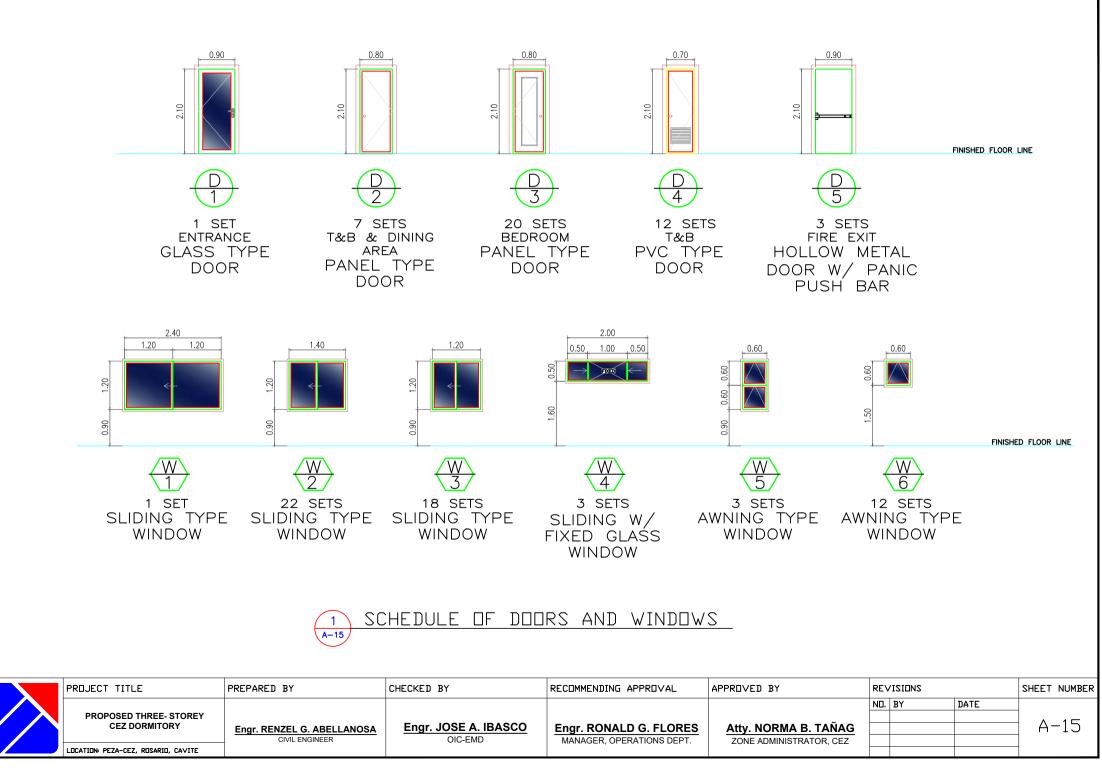
PROJECT TITLE

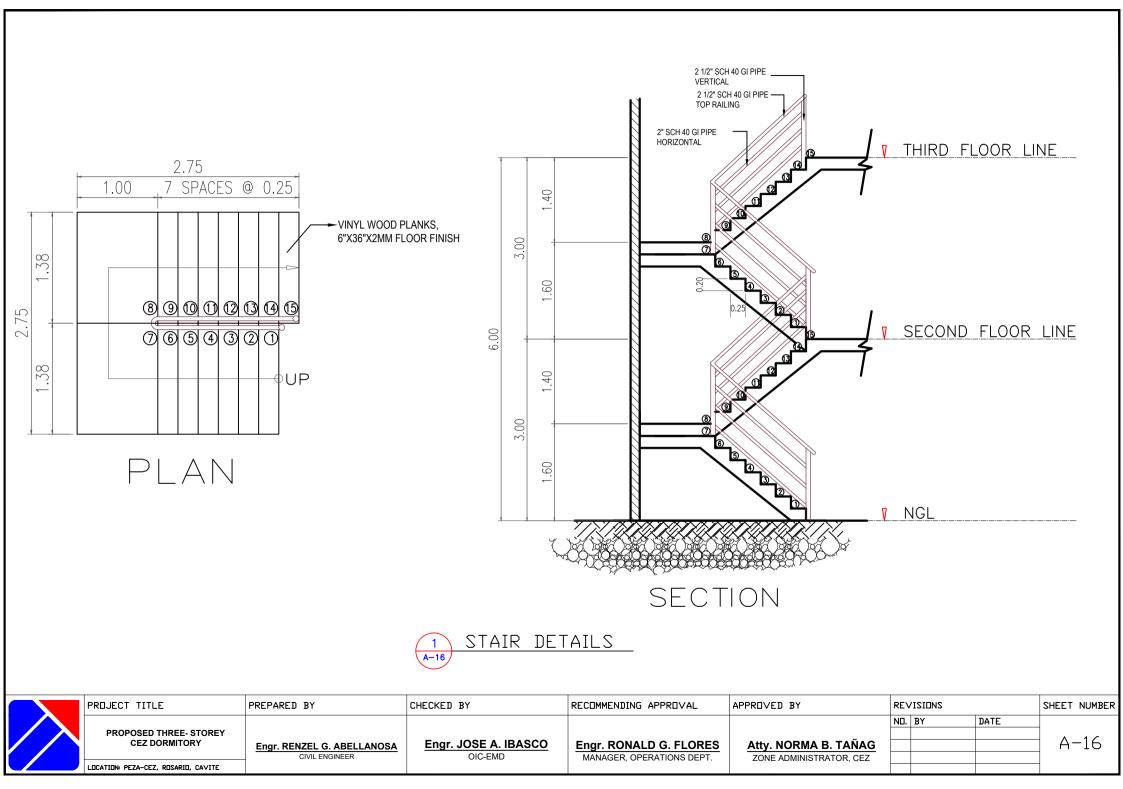
PROPOSED THREE- STOREY

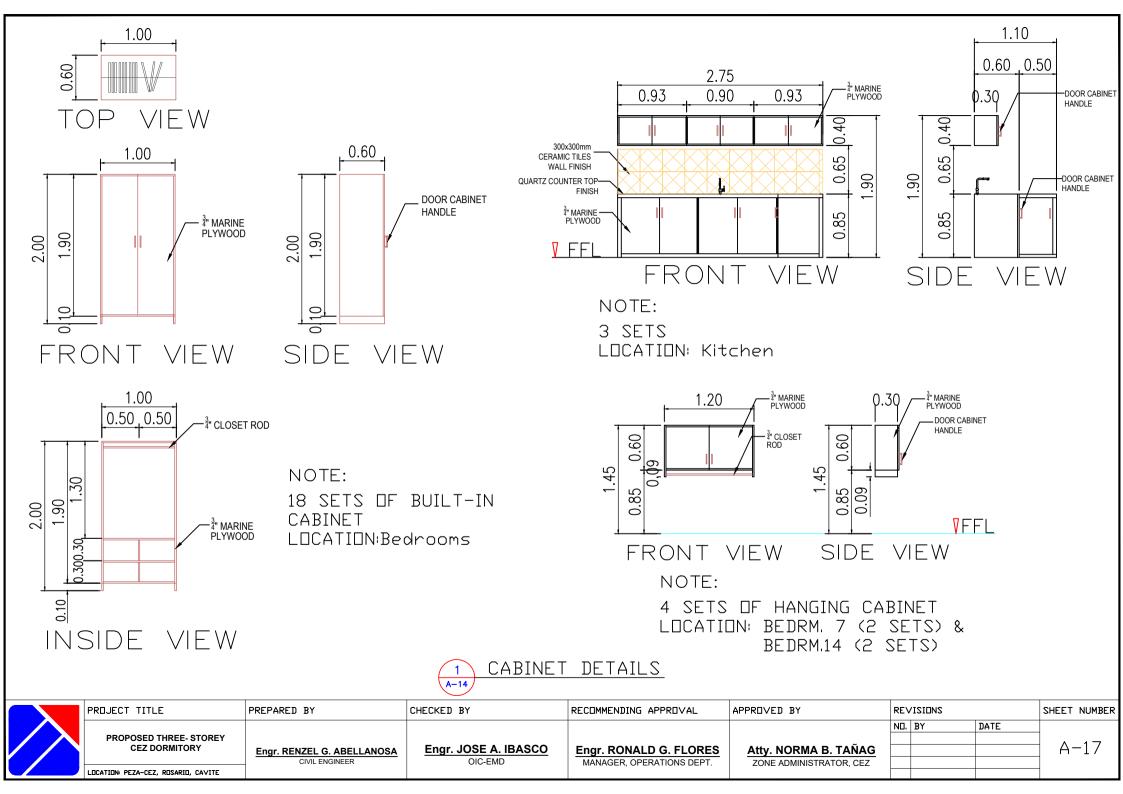
CEZ DORMITORY

Atty. NORMA B. TAÑAG Engr. RONALD G. FLORES ZONE ADMINISTRATOR, CEZ

A-14







Section VIII. Bill of Quantities



PHILIPPINE ECONOMIC ZONE AUTHORITY

CAVITE ECONOMIC ZONE

BILL OF QUANTITIES

NAME OF PROJECT : PROPOSED THREE-STOREY CEZ DORMITORY AT THE CAVITE ECONOMIC ZONE

LOCATION :

CAVITE ECONOMIC ZONE, ROSARIO, CAVITE

	Columns (1), (2), (3) and (4) area to be filled up by the	Procuring Entity		Columns (5) and (6) are to be f up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
1	Mobilization / Demobilization	1.00	l.s.		
	A. Materials	N/A			
	B. Labor	N/A			
	C. Equipment Rental				
	Mobilization / Demobilization	1.00	l.s.		
	D. Overhead, Contingencies & Miscellaneous (OCM)	N/A			
	E. Contractor's Profit (CP)	N/A			
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
2	Temporary Facilities	1.00	l.s.		
	A. Materials				
	Temporary Enclosure	1.00	lot		
	Temporary Power and Water	1.00	lot		
	Provision of temporary baracks	1.00	lot		
	B. Labor				
	4-Unskilled Laborer	8.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
3	Removal of Trees	1.00	l.s.		
	A. Materials	N/A			
	B. Labor	,			
	1-Skilled Laborer	20.00	hours		
	2-Unskilled Laborer	20.00	hours		
	C. Equipment Rental				
	Chainsaw with blade	20.00	hours		
	Dump Truck, 10 cu.m.	20.00	hours	1	

Submitted by:

	Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity				d (6) are to be filleo the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
4	Occupational Safety and Health Program	1.00	l.s.		
	A. Materials				
	Safety Shoes (Different Sizes)	12.00	pcs		
	Working Gloves (Free Size)	12.00	pcs		
	Reflectorized Vest (Different Sizes)	12.00	pcs	1	
		12.00	pes		
	B. Labor				
	1-Safety Officer	1,056.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	N/A			
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
		1.00	101	Sub-Total	
5	Warning Signages and Project Billboard	1.00	l.s.		
	A. Materials				
	Warning signs (Tarpaulin), 08.0mx1.0m	10.00	pcs		
	Good lumber, 2"x2"x10'	120.00	bd.ft.		
	Ordinary plywood, 1/2" thk x 4' x 8'	4.00	pcs.		
	Common nail, assorted	0.50	kls.		
	B. Labor				
	1-Skilled Laborer	16.00	hours		
	2-Unskilled Laborer	16.00	hours		
	C. Equipment Rental	N/A		 	
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot	 	
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
6	Excavation of Column Footing & Wall Footing	80.35	cu.m.		
	A. Materials	N/A			
	B. Labor				
	1-Construction Foreman	160.70	hours		

Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity					d (6) are to be fille the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	4-Unskilled Laborer	160.70	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
7	Backfilling of Excavated Materials	46.77	cu.m.		
	A. Materials	N/A			
	B. Labor				
	1-Construction Foreman	44.97	hours		
	1-Skilled Laborer	44.97	hours		
	1-Unskilled Laborer	44.97	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
8	Gravel Bedding at CF, WF, FTB and Slab on Grade	14.50	cu.m.		
	A. Materials				
	Gravel	14.50	cu.m.		
	B. Labor				
	1-Construction Foreman	3.00	hours		
	2-Unskilled Laborer	3.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
9	Termite Control	30.00	lits.		
	A. Materials				
	Soil Poisoning Solution	30.00	lits.		
	D Jahar				
	B. Labor	22.00	hours		
	1-Construction Foreman 1-Skilled Laborer	23.08 23.08	hours hours		

	Columns (1), (2), (3) and (4) area to be filled up by the P	rocuring Entity		Columns (5) and (6) are to be fille up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	2-Unskilled Laborer	23.08	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
10	Structural Concrete (3000 PSI)	151.04	cu.m.		
	A. Materials				
	3000 PSI G 3/4 @ 14 Days Ready Mix Concrete PCD	151.04	cu.m.		
	B. Labor				
	1-Construction Foreman	503.48	hours		
	3-Skilled Laborer	503.48	hours		
	4-Unskilled Laborer	503.48	hours		
	C. Equipment Rental				
	Line Pump Rental	1.00	lot		
	Concrete Vibrator	503.48	hours		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
		1.00	101	Sub-Total	
44	Deinferreine Stool Deferrened Der Conde 40	24.055.10	line		
11	Reinforcing Steel, Deformed Bar-Grade 40	24,056.18	kgs.		
	A. Materials	24.056.40	1		
	Reinforcing Steel, Deformed Bar-Grade 40	24,056.18	kgs.		
	Tie wire	426.00	kgs.		
	B. Labor				
	1-Construction Foreman	380.58	hours	 	
	2-Skilled Laborer	380.58	hours	 	
	3-Unskilled Laborer	380.58	hours		
	C. Equipment Rental			 	
	Bar Cutter	380.58	hours	 	
	Bar Bender	380.58	hours	 	
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot	 	
	E. Contractor's Profit (CP)	1.00	lot	 	
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
12	Formworks and Falseworks	1.00	l.s.		

Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity					d (6) are to be fille the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	A. Materials				
	Phenolic Board, 1/2"	80.00	pc/s		
	Good lumber	450.00	bd.ft.		
	Assorted Common Nail	20.00	kgs.		
	B. Labor				
	1-Construction Foreman	112.00	hours		
	2-Skilled Laborer	112.00	hours		
	2-Unskilled Laborer	112.00	hours		
	C. Equipment Rental				
	Scafold Rental	1.00	lot		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
13	Masonry Wall	2,127.62	sq.m.		
	A. Materials	-	-		
	CHB 150mm	3,466.00	pc/s		
	CHB 100mm	24,194.00	pc/s		
	Portland Cement	965.00	bags		
	Sand	101.00	cu.m.		
	Reinforcing Steel, Deformed Bar-Grade 40	5,266.80	kgs.		
	Tie Wire	56.00	kgs.		
	B. Labor				
	1-Construction Foreman	556.97	hours		
	3-Skilled Laborer	556.97	hours		
	3-Unskilled Laborer	556.97	hours		
	C. Equipment Rental	N/A		1	
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot	1	
	E. Contractor's Profit (CP)	1.00	lot	1	
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
14	Pre-Painted Metal Sheets	136.80	sq.m.		
	A. Materials		-	1	
	Pre-Painted Long Span Roofing, Ga. 24, with 1/2" insulation	136.80	l.m.	1	
	Tekscrew	1,500.00	pc/s	1	
	Roof Sealant	10.00	tube		

	Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity			Columns (5) and (6) are to be up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	1-Construction Foreman	41.96	hours		
	3-Skilled Laborer	41.96	hours		
	2-Unskilled Laborer	41.96	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
15	Roofing Accessories (Gutter and Flashing)	1.00	l.s.		
	A. Materials				
	Pre-Painted Flashing, Ga. 24	34.00	l.m.		
	Stainless Inside Gutter, Ga. 22	19.00	l.m.		
	Blind Rivets	2.00	boxes		
	Roof Sealant	15.00	tube		
		15.00	tube		
	B. Labor				
	1-Construction Foreman	24.00	hours		
	2-Skilled Laborer	24.00	hours		
	1-Unskilled Laborer	24.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
16	Steel Trusses	2,097.58	kgs.		
	A. Materials				
	Structural Steel Trusses	2,097.58	kgs.		
	Welding Rod	2.50	boxes		
	B. Labor				
	1-Construction Foreman	116.34	hours		
	3-Skilled Laborer	116.34	hours		
	3-Unskilled Laborer	116.34	hours		
	C. Equipment Rental				
	Welding Machine	116.34	hours		
	Electric Cut-off	116.34	hours	1	
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
		2.00		Sub-Total	

	Columns (1), (2), (3) and (4) area to be filled up by the	Procuring Entity		Columns (5) and (6) are to be fi up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
17	Purlins	1,192.32	kgs.		
	A. Materials				
	Purlins, 2"x6"x2mm	46.00	pc/s		
	Welding Rod	10.00	kgs.		
	B. Labor				
	1-Construction Foreman	66.13	hours		
	1-Skilled Laborer	66.13	hours		
	2-Unskilled Laborer	66.13	hours		
	C. Equipment Rental				
	Welding Machine	66.13	hours		
	Electric Cut-off	66.13	hours		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
18	Gusset Plate	277.47	kgs.		
	A. Materials				
	Gusset Plate	277.47	kgs.		
	Welding Rod	1.00	boxes		
	D Jahan				
	B. Labor	15.39	hours		
	1-Construction Foreman		hours		
	1-Skilled Laborer	15.39	hours		
	1-Unskilled Laborer	15.39	hours		
	C. Equipment Rental Welding Machine	15.39	hours		
	Oxygen/Acetylene	2.00	tank		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
		1.00	101	Sub-Total	
				Jub-Total	
19	Sag Rod	90.60	kgs.		
	A. Materials				
	Sag Rod, 12mm round bar	90.60	kgs.		
	B. Labor				
	1-Construction Foreman	5.02	hours		
	1-Skilled Laborer	5.02	hours		

	Columns (1), (2), (3) and (4) area to be filled up by the	Procuring Entity		Columns (5) and (6) are to be fil up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	1-Unskilled Laborer	5.02	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
20	Fire Exit and Railing	3,617.20	kgs.		
	A. Materials				
	G.I. pipe 2-1/2"Ø schd 40	362.46	kgs.		
	G.I. pipe 2"Ø schd 40	1,142.40	kgs.		
	Angular Bar (A36), 2"x2"x1/4"	454.92	kgs.		
	Checkered plate, 6mmx4'x8'	553.42	kgs.		
	l Beam, W8x24	1,104.00	kgs.		
	Anchor bolt, 3/8"Øx6"	32.00	pc/s		
	Base Plate, 250mmx250mmx1/2"	8.00	pc/s		
	Welding Rod	1.00	box		
	B. Labor				
	1-Construction Foreman	200.62	hours		
	1-Skilled Laborer	200.62	hours		
	2-Unskilled Laborer	200.62	hours		
	C. Equipment Rental				
	Welding Machine	200.62	hours		
	Oxygen/Acetylene	2.00	tank		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
21	Doors	80.01	sq.m.		
	A. Materials				
	Glass Door (0.90mx2.1m) with jamb	1.00	set		
	Flush Door (0.80mx2.1m) with jamb	7.00	set		
	MDF Door (0.80mx2.1m) with jamb	20.00	set		
	PVC Door, 0.70mx2.1m	12.00	set		
	Fire Exit Door	3.00	set		
	Door Accessories (Lockset and Hinges)	1.00	lot		
	B. Labor				
	1-Construction Foreman	170.23	hours		
	2-Skilled Laborer	170.23	hours		

	Columns (1), (2), (3) and (4) area to be filled up by the Procu	Columns (5) and (6) are to be f up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	2-Unskilled Laborer	170.23	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
22	Windows	69.84	sq.m.		
	A. Materials				
	Analok Sliding Window, with screen (2.4mx1.2m)	1.00	sets		
	Analok Sliding Window, with screen (1.4mx1.2m)	22.00	sets		
	Analok Sliding Window, with screen (1.2mx1.2m)	18.00	sets		
	Analok Sliding Window w/ fixed, with screen (2.0mx0.50m)	3.00	sets		
	Awning Type Window, with screen (0.6mx1.2m)	4.00	sets		
	Awning Type Window, with screen (0.6mx0.6m)	12.00	sets		
	B. Labor				
	1-Construction Foreman	77.60	hours		
	2-Skilled Laborer	77.60	hours		
	2-Unskilled Laborer	77.60	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
23	Ceiling Works	427.50	sq.m.		
	A. Materials				
	Fiber Cement Ceiling Board 4.5mmx1.20mx2.40m	175.00	pc/s		
	Metal Furring,	180.00	pc/s		
	Carrying Channel	80.00	pc/s		
	Wall Angle	235.00	pc/s		
	Black Screw	6,600.00	pc/s		
	Threaded Rod, 10mm	103.00	pc/s		
	Expansion bolt	103.00	pc/s		
	W-clip	1,001.00	pc/s		
	Blind Rivets 3.125mmx12.5mm (1/8x1/2")	20.00	boxes		
	Concrete Nails 50mm	10.00	kgs.		
	B. Labor				
	1-Construction Foreman	286.91	hours		
	2-Skilled Laborer	286.91	hours		

	Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity				d (6) are to be fille the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	3-Unskilled Laborer	286.91	hours		
	C. Equipment Rental				
	Minor Tools	1.00	lot		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
24	Bedroom Closet Cabinet	159.20	sq.m.		
	A. Materials				
	Plyboard, 3/4"	70.00	pc/s		
	Edging, 3/4"x1/4"x10'	75.00	pc/s		
	Aluminum Closet rod	20.00	pc/s		
	Cabinet handle	42.00	pc/s		
	Cabinet hinges	84.00	pc/s		
	Finishing nail	7.00	kgs		
	Stikwell	5.00	gals		
	B. Labor				
	1-Construction Foreman	156.08	hours		
	2-Skilled Laborer	156.08	hours		
	2-Unskilled Laborer	156.08	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
25	Base and Hang Cabinet	32.40	sq.m.		
	A. Materials		-		
	Marine Plywood, 3/4"	22.00	pc/s		
	Good Lumber, s4s	67.00	bd.ft.		
	Edging, 3/4"x1/4"x10'	26.00	pc/s		
	Cabinet handle	48.00	pc/s		
	Cabinet hinges	96.00	pc/s		
	Finishing nail	4.00	kgs.		
	Stikwell	3.00	gals		
			-		
	B. Labor				
	1-Construction Foreman	31.76	hours		
	2-Skilled Laborer	31.76	hours		
	2-Unskilled Laborer	31.76	hours		

	Columns (1), (2), (3) and (4) area to be filled up by the	Procuring Entity		Columns (5) and (6) are to be fil up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
26	Plain Cement Plaster Finish	4,255.24	sq.m.		
	A. Materials				
	Cement	644.00	bags		
	Sand	72.00	cu.m.		
	B. Labor				
	1-Construction Foreman	895.84	hours	-	
	2-Skilled Laborer	895.84	hours		
	2-Unskilled Laborer	895.84	hours		
	C. Equipment Rental				
	Minor Tools	1.00	lot		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
27	Tile Works	442.50	sq.m.	_	
	A. Materials	000.00			
	600x600mm Ceramic Tiles	980.00	pc/s		
	300x300mm Ceramic Tiles	2,193.00	pc/s		
	Quartz counter top, 18mm thick	8.50	sq.m.		
	Vinyl wood planks, 6"x36"x3mm Stikwell	160.00	pc/s	┨────┤	
	Tile Adhesive, 25kgs/bag	20.00	gals		
	Tile Grout	106.00	bags bags		
	Tile Trim	135.00 65.00	pc/s		
		03.00	рс <i>ј</i> 3		
	B. Labor				
	1-Construction Foreman	113.46	hours		
	2-Skilled Laborer	113.46	hours		
	2-Unskilled Laborer	113.46	hours	I	
	C. Equipment Rental				
	Minor Tools	1.00	lot		
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		

Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity					d (6) are to be fille the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
				Sub-Total	
28	Painting Works (Masonry and Concrete)	4,128.04	sq.m.		
	A. Materials				
	Concrete Neutralizer	50.00	gals		
	Masonry Wall Putty	80.00	gals		
	Flat Latex Primer	130.00	gals		
	Semi-Gloss Latex	120.00	gals		
	Putty Knife	6.00	pc/s		
	Sanding Paper	300.00	pc/s		
	Roller Brush, 6"	10.00	pc/s		
	Paint Brush, 2"	10.00	pc/s		
	Rags	10.00	kgs.		
	B. Labor				
	1-Construction Foreman	658.38	hours		
	2-Skilled Laborer	658.38	hours		
	2-Unskilled Laborer	658.38	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
29	Painting Works (Ceiling)	427.50	sq.m.		
	A. Materials				
	Dry Wall Putty	30.00	gals		
	Fiber Mesh Tape	45.00	pc/s		
	Flat Latex Primer	30.00	gals		
	Semi-Gloss Latex	25.00	gals		
	Putty Knife	2.00	pc/s		
	Sanding Paper	150.00	pc/s		
	Roller Brush, 6"	5.00	pc/s		
	Paint Brush, 2"	2.00	pc/s		
	Rags	5.00	kgs.		
	B. Labor				
	1-Construction Foreman	68.18	hours	1	
	2-Skilled Laborer	68.18	hours	1	
	2-Unskilled Laborer	68.18	hours	1	
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot	1	
	E. Contractor's Profit (CP)	1.00	lot	1	

	Columns (1), (2), (3) and (4) area to be filled up by the	Columns (5) and (6) are to be fi up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
30	Painting Works (Wood)	124.34	sq.m.		
	A. Materials				
	QDE Flatwall	22.00	gals		
	QDE Paint	22.00	gals		
	Paint Thinner	5.00	gals		
	Putty Knife	2.00	pc/s		
	Poly tuff	15.00	lits.		
	Sanding Paper	100.00	pc/s		
	Baby roller	5.00	pc/s		
	Paint Brush, 2"	3.00	pc/s		
	Rags	1.00	kgs.		
	B. Labor				
	1-Construction Foreman	21.59	hours		
	2-Skilled Laborer	21.59	hours		
	2-Unskilled Laborer	21.59	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
24		70.00			
31	Painting Works (Steel)	78.00	sq.m.		
	A. Materials	10.00	gala		
	QDE Red Oxide	10.00	gals		
	QDE Paint	8.00	gals gals		
	Paint Thinner	4.00	pc/s		
	Sanding Paper Roller Brush, 6"	20.00	pc/s		
	Paint Brush, 2"		pc/s		
	Rags	2.00	kgs.		
		1.00	165.		
	B. Labor				
	1-Construction Foreman	15.00	hours		
	2-Skilled Laborer	15.00	hours		
	2-Unskilled Laborer	15.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		

	Columns (1), (2), (3) and (4) area to be filled up by the Procuri	Columns (5) and (6) are to be filled up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
32	Plumbing Fixtures	1.00	l.s.		
	A. Materials				
	Water closet with p-trap, flexible hose and angle vale	6.00	sets		
	Lavatory with p-trap, flexible hose and angle vale	8.00	sets		
	Stainless Kitchen Sink with p-trap, flexible hose and angle valve	3.00	sets		
	Stainless laundry Sink with p-trap, flexible hose and angle valve	3.00	sets		
	Faucet	3.00	pc/s		
	Kitchen sink faucet	3.00	sets		
	Telephone shower with faucet	6.00	sets		
	Stainless Bidette	6.00	sets		
	Tissue Holder	6.00	pc/s		
	Soap Holder	6.00	pc/s		
	Stainless Floor Drain	21.00	pc/s		
	Vanity mirror, 20"x30"	8.00	pc/s		
			1,		
	B. Labor				
	1-Construction Foreman	24.00	hours		
	1-Skilled Laborer	24.00	hours		
	1-Unskilled Laborer	24.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
33	Water Line	240.00	l.s.		
	A. Materials				
	Check valve, 20mmØ	1.00	рс		
	Gate valve, 20mmØ	1.00	pc		
	PPR pipes, 20mmØ, PN10	48.00	pc/s		
	PPR fittings (Elbow, Tee and Adapter)	1.00	lot		
	Teflon tape	8.00	pc/s		
		0.00			
	B. Labor				
	1-Construction Foreman	100.00	hours		
	1-Skilled Laborer	100.00	hours		
	1-Unskilled Laborer	100.00	hours		
	C. Equipment Rental	100.00			
	Minor Tools	1.00	lot	}	

	Columns (1), (2), (3) and (4) area to be filled up by the	Columns (5) and (6) are to be fille up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
34	Sewer Line	108.00	l.m.		
	A. Materials				
	PVC Pipe 100mmØ, S-1000	10.00	pc/s		
	PVC Pipe 75mmØ, S-1000	12.00	pc/s		
	PVC Pipe 50mmØ, S-1000	17.00	pc/s		
	PVC clean out with plug, 100mmØ	6.00	pc/s		
	Sanitary Wye Reducer, 100mmx50mmØ	24.00	pc/s		
	Sanitary Wye Reducer, 100mmx75mmØ	8.00	pc/s		
	Sanitary Wye, 100mmØ	6.00	pc/s		
	PVC elbow 100mmØ	8.00	pc/s		
	PVC elbow 75mmØ	6.00	pc/s		
	PVC elbow 50mmØ	10.00	pc/s		
	PVC p-trap 50mmØ	8.00	pc/s		
	PVC cement solvent, 200ml	6.00	pc/s		
	B. Labor				
	1-Construction Foreman	26.34	hours		
	2-Skilled Laborer	26.34	hours		
	1-Unskilled Laborer	26.34	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
35	Downspout/Storm Drainage	78.00	l.m.		
	A. Materials				
	PVC Pipe 100mmØ, S-1000	23.00	pc/s	1	
	PVC elbow 100mmØ	10.00	pc/s	1	
	PVC cement solvent, 200ml	1.00	pc/s		
	B. Labor				
	1-Construction Foreman	19.02	hours		
	1-Skilled Laborer	19.02	hours		
	1-Unskilled Laborer	19.02	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		

	Columns (1), (2), (3) and (4) area to be filled up by the	Columns (5) and (6) are to be fille up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
36	Catch Basin	5.00	units		
	A. Materials				
	Portland Cement	6.00	bags		
	Sand	0.50	cu.m.		
	Gravel	1.00	cu.m.		
	Deformed Bar-Grade 40, 10mmØ	18.48	kgs.		
	Tie Wire	2.00	kgs.		
	B. Labor				
	1-Construction Foreman	8.00	hours		
	1-Skilled Laborer	8.00	hours		
	1-Unskilled Laborer	8.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
37	Septic Vault	1.00	l.s.		
	A. Materials				
	СНВ 6"	333.00	pc/s		
	Portland Cement	31.00	bags		
	Sand	3.50	cu.m.		
	Gravel	1.00	cu.m.		
	Deformed Bar-Grade 40	121.40	kgs.		
	Tie Wire	5.00	kgs.		
		5.00	0-		
	B. Labor				
	1-Construction Foreman	40.00	hours		
	1-Skilled Laborer	40.00	hours		
	2-Unskilled Laborer	40.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot	Sub-Total	
				Sub-rotal	
38	Lighting Fixtures	1.00	l.s.		

Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity					d (6) are to be filled the Bidder
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	A. Materials				
	LED Pinlight, 15 Watts	35.00	sets		
	LED Bulb, 15 watts	40.00	pc/s		
	Bulb Receptacle	40.00	pc/s		
	LED Bulb, 9 watts (downlight with black casing)	55.00	sets		
	Industrial Exhaust Fan, 14" x 14" (wall mounted)	3.00	pc/s		
	B. Labor				
	1-Construction Foreman	24.00	hours		
	1-Skilled Laborer	24.00	hours		
	2-Unskilled Laborer	24.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
39	Conduits, Boxes and Fittings	1.00	l.s.		
	A. Materials				
	2 1/2" RSC Conduit	1.00	pc/s		
	20mmØ x 300mm Copper Clad Ground Rod	1.00	pc/s		
	2 1/2" Weatherhead cap	1.00	pc/s		
	Bushing Reducer 2 1/2" x 1 1/2"	1.00	pc/s		
	Lock Nut 2 1/2"	2.00	pc/s		
	Lock Nut 1 1/2"	2.00	pc/s		
	Terminal Lugs 125mm2	9.00	pc/s		
	Terminal Lugs 50mm2	3.00	pc/s		
	PVC Electrical Pipe 1/2"	380.00	pc/s		
	PVC Electrical Pipe 1"	4.00	pc/s		
	Utility Box	114.00	pc/s		
	Junction Box	80.00	pc/s		
	Bushing and Lock Nut 1/2"	409.00	pc/s		
	1-gang switch	50.00	sets		
	2-gang switch	5.00	sets		
	3-gang switch	1.00	sets		
	2-gang Outlet w/ ground	60.00	pc/s		
	ACU special outlet	20.00	pc/s		
	Weatherproof Outlet w/ grounding (laundry)	3.00	pc/s		
	2-gang Heat resistant special outlet (for kitchen)	3.00	pc/s		
	B. Labor				
	1-Construction Foreman	40.00	hours	1	

	Columns (1), (2), (3) and (4) area to be filled up by the P	Columns (5) and (6) are to be fille up by the Bidder			
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)
	1-Skilled Laborer	40.00	hours		
	2-Unskilled Laborer	40.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
40	Panel Board and Cabinets	1.00	l.s.		
	A. Materials				
	Main Circuit Breaker (ECB), 250 AT/250 AF, 3P, 230 V	1.00	assy		
	Main Distribution Panel (MDP)	1.00	assy		
	Main: 250 AT, 3P, 230 V, 60 Hz				
	Branches: 4 - 75 AT, 3Ph, 230 V, 60 Hz				
	Distribution Panel	3.00	assy		
	Main: 75 AT, 3P, 230 V, 60 Hz				
	Branches: 12 - 20 AT, 2P, 230 V, 60 Hz				
	B. Labor				
	1-Construction Foreman	24.00	hours		
	1-Skilled Laborer	24.00	hours		
	2-Unskilled Laborer	24.00	hours		
	C. Equipment Rental	N/A			
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot		
	E. Contractor's Profit (CP)	1.00	lot		
	F. Value Added Tax (VAT)	1.00	lot		
				Sub-Total	
41	Electrical Wirings	1.00	l.s.		
	A. Materials				
	125mm ² THHN Wires	70.00	mtrs.		
	50mm² TW Wires	25.00	mtrs.		
	22mm ² THHN Wires	70.00	mtrs.		
	8.0mm ² TW Wires	24.00	pc/s		
	3.5mm ² THHN Wires	1,500.00	mtrs.		
	3.5mm ² TW Wires (grounding)	550.00	mtrs.		
	Electrical Tape	2.00	rolls		
	B. Labor				
	1-Construction Foreman	40.00	hours		

Columns (1), (2), (3) and (4) area to be filled up by the Procuring Entity					Columns (5) and (6) are to be filled up by the Bidder	
Pay Item	Description	Quantity	Unit	Unit Price (Pesos) in Figure	Total Amount (Pesos) in Figure	
-(1)	-(2)	-(3)	-(4)	-(5)	-(6)	
	1-Skilled Laborer	40.00	hours			
	2-Unskilled Laborer	40.00	hours			
	C. Equipment Rental	N/A				
	D. Overhead, Contingencies & Miscellaneous (OCM)	1.00	lot			
	E. Contractor's Profit (CP)	1.00	lot			
	F. Value Added Tax (VAT)	1.00	lot			
				Sub-Total		

Total Project Cost (Pesos) in Figure

(Total Project Cost in Words)

Submitted by:

Section IX. Checklist of Technical and Financial Documents



Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- □ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;

and

- (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
 and
- □ (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- ☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
- □ (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and
- □ (h) Philippine Contractors Accreditation Board (PCAB) License;

<u>or</u>

Special PCAB License in case of Joint Ventures;

and registration for the type and cost of the contract to be bid; and

- ☐ (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
 - or

Original copy of Notarized Bid Securing Declaration; and

- (j) Project Requirements, which shall include the following:

Π

- a. Organizational chart for the contract to be bid;
 - b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
- c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be;
 - d. Certificate of Site Inspection to be issued by the CEZ Engineering and Maintenance Division representative; **and**

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

Financial Documents

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

Class "B" Documents

□ (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;

<u>or</u>

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

(o) Original of duly signed and accomplished Financial Bid Form; <u>and</u>

Other documentary requirements under RA No. 9184

- \Box (p) Original of duly signed Bid Prices in the Bill of Quantities; <u>and</u>
- □ (q) Duly accomplished Detailed Estimates Form, including a summary shee indicating the unit prices of construction materials, labor rates, and equipmen rentals used in coming up with the Bid; and
- \Box (r) Cash Flow by Quarter.

BID FORM

Date : _____ Project Identification No. : _____

To: [name and address of Procuring Entity]

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: [insert name of contract];
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: [insert information];
- e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of [insert percentage amount] percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

¹ currently based on GPPB Resolution No. 09-2020

- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- I. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name:	
Legal Capacity:	
Signature:	
Duly authorized to sign the Bid for and behalf of:	
Date:	



Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES) CITY OF ______) S.S.

BID SECURING DECLARATION

Project Identification No.: [Insert number]

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

I/We, the undersigned, declare that:

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

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

REPUBLIC OF THE PHILIPPINES) CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

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

1. [Select one, delete the other:]

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

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

2. [Select one, delete the other:]

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

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

- [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, <u>by itself or by</u> <u>relation, membership, association, affiliation, or controlling interest with another</u> <u>blacklisted person or entity as defined and provided for in the Uniform Guidelines</u> <u>on Blacklisting:</u>
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
 - 9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
 - 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

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

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

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

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 [contract price in words and figures in specified currency] 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 as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz*.:
 - a. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;
 - **b.** Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder's conforme thereto; and
- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. <u>Winning bidder agrees that</u> additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

- 3. In consideration for the sum of [total contract price in words and figures] or such other sums as may be ascertained, [Named of the bidder] agrees to [state the object of the contract] in accordance with his/her/its Bid.
- 4. The [Name of the procuring entity] agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

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

[Insert Name and Signature]

[Insert Signatory's Legal Capacity] [Insert Signatory's Legal Capacity]

for:

[Insert Procuring Entity]

[Insert Name and Signature]

for:

[Insert Name of Supplier]

Acknowledgment

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

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES) CITY OF ______) S.S.

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents] To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

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

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

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

[Jurat]

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

Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone Reference No. CEZITB 2021-01-003

List of all Ongoing Government & Private Contracts including contracts awarded but not yet started

Business Name

Business Address

Name of Contract/ Project Cost	a. Owner's Name b. Address	Nature of Work	Vork Bidder's Role		Bidder's Role a. Date Awarded b. Date Started		of lishment	Value of Outstanding Works/Undelivered
	c. Telephone Nos.		Description	%	c. Date of Completion	Planned	Actual	Portion
Government								
Private								
						Total	Cost	

Submitted by

(Printed Name & Signature)

Designation Date

Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone Reference No. CEZITB 2021-02-003

Statement of Single Largest Completed Contract which is similar in nature

Business Name

Business Address

Name of Contract	a. Owner's Name b. Address	Nature of Work	Contractor's R	ole	a. Amount at Award b. Amount at Completion	a. Date Awarded b. Contract Effectivity	
	c. Telephone Nos.		Description	%	c. Duration	c. Date Completed	
<u>Government</u>							
	_	-					
Private							

Note: This attachment shall be supported with:

1. NOA / NTP / Contract

2. Certificate of Completion and Acceptance or CPES Rating

3. Official Receipts for Private Contracts

Submitted by

Designation

Date

(Printed Name & Signature)

Statement of Availability of Key Personnel and Equipment

(Date of Issuance)

Levi D. Vizmanos

Chairperson Bids and Awards Committee (BAC) PEZA – Cavite Economic Zone Rosario, Cavite

Dear Sir:

In compliance with the requirements of the <u>PEZA - Cavite Economic Zone</u> for the bidding of the project "<u>Construction of Three-Storey CEZ Employees Dormitory at</u> <u>the Cavite Economic Zone</u>" with <u>Reference No. CEZITB 2021-02-003</u>, we certify that <u>(Name of the Bidder</u>) has in its employ key personnel, such as project managers, project engineers, materials engineer and foreman, who may be engaged in the implementation of the said contract.

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

Very truly yours,

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

ANNEX D

Philippine Economic Zone Authority – CEZ Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone Reference No. CEZITB 2021-02-003

Qualification of Key Personnel Proposed to be Assigned to the Contract

	Project Manager	Project Engineers	Materials Engineers	Foremen	Other position deemed needed in the project
1 Name					
2 Address					
3 Date of Birth					
4 Employed Since					
5 Experience					
6 Previous Employment					
7 Education					
8 PRC License					

Note: Attach individual biodata / resume and PRC License of the (Professional) Personnel

Bidder's Representative

Designation

(Printed Name and Signature)

Date : _____

1

2

ANNEX E

Philippine Economic Zone Authority – CEZ Construction of Three-Storey CEZ Employees Dormitory at the Cavite Economic Zone Reference No. CEZITB 2021-02-003

List of Equipment Owned / Leased and/or under purchase agreements, assigned to the Proposed Contract

Bidder's Name	:	
Bidder's Address	:	

:

:

	Description	Model / Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership
Α.	Owned							
	1.							
	2.							
	3.							
В.	Leased							
	1.							
	2.							
	3.							
С.	Under Purchase Agreement							
	1.							
	2.							
	3.							

(Printed Name and Signature)

Designation

Date

: _____



