PHILIPPINE BIDDING DOCUMENTS

Construction of Proposed DBM V Multi-Purpose Building Extension, Including Bridge and Addition of Canopy/Balcony (CY 2022 Early Procurement)

Public Bidding Project ID No. 2021-01 Government of the Republic of the Philippines

> Sixth Edition July 2020

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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(IB)

Invitation to Bid for the Construction of Proposed DBM V Multi-Purpose Building Extension, Including Bridge and Addition of Canopy/Balcony

- 1. The Department of Budget and Management Regional Office V (DBM-ROV), through the proposed FY 2022 General Appropriations Act (GAA) intends to apply the sum of Five Million Seven Hundred Fifty Thousand Pesos (P5,750,000.00) being the Approved Budget for the Contract (ABC) to payments under the contract for the Construction of Proposed DBM V Multi-Purpose Building Extension, Including Bridge and Addition of Canopy/Balcony. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The **DBM ROV** now invites bids for the above Procurement Project. Completion of the Works is required **within 120 calendar days**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using nondiscretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- 4. Interested bidders may obtain further information from **DBM ROV** and inspect the Bidding Documents at the address given below from Monday to Friday, 10:00AM to 3:30PM.
- 5. A complete set of Bidding Documents may be acquired by interested bidders on **November 5 to 26, 2021** 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 **P 10,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *via physical presentation of the original copy of the Official Receipt (OR). Bidders shall also be given the printed format of the Bidding Documents provided that the bidders shall pay the applicable Bidding Documents Fee at least the day before the deadline for submission of their bids.*
- 6. The **DBM ROV** will hold a Pre-Bid Conference on **November 12, 2021, 10:00 am** at **the Main Conference Room, 3rd Floor, DBM-ROV** which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before **10:00 am of November 26, 2021**. 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 immediately follow after the deadline of submission of bids, at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- The DBM ROV 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.
- 11. For further information, please refer to:

Ms. Regeal A. Bueno DBM-ROV BAC Secretariat DBM-ROV, Bicol Regional Government Center, Rawis, Legazpi City dbm_ro5@dbm.gov.ph 09564272476/09217565110

12. You may visit the following websites:

For downloading of Bidding Documents: [www.dbm.gov.ph]

November 5, 2021

VA, JR. ANTO

Section II. Instructions to Bidders (ITB)

1. Scope of Bid

The Procuring Entity, DBM ROV invites Bids for the Construction of Proposed DBM V Multi-Purpose Building Extension, Including Bridge and Addition of Canopy/Balcony with Public Bidding Project ID No. 2021-01.

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

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for **FY 2022** in the amount of **P5,750,000.00**.
- 2.2. The source of funding is the **proposed FY 2022 General Appropriations Act** (GAA).

3. Bidding Requirements

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

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

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

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

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

5. Eligible Bidders

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

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

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

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

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 at its physical address **as indicated in Item No. 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 (120 calendar days from opening of bid or March 26, 2022). Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time at its physical address 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 15 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 (BDS)

ITB Clause							
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:						
	A contract similar to the project refers to "construction of building."						
7.1	Subcontracting is not all		<u> </u>				
10.3	No other instructions.						
10.4	The key personnel must r below:	meet the required minimum	m years of experience set				
	Key Personnel	General Experience	Relevant Experience				
	Project Engineer	At least 5 years of general practice	At least 2 years of experience with similar project				
	Foreman	At least 5 years experience as Construction Foreman	At least 2 years of experience with similar project				
	The technical componen Availability of Key Persor		aly Signed Statement of				
10.5	The minimum major equip	oment requirements are the	following:				
	Equipment	<u>Capacity</u>	Number of Units				
	Generator Set	Sufficient to independently power the project implementation	As necessary				
	Dump Truck or Drop Side Truck	Adequate to project needs	As necessary				
	Jack Hammer	Adequate to project needs	As necessary				
	Plate Compactor	Adequate to project needs	As necessary				
	Concrete Vibrator	Adequate to project needs	As necessary				
	One Bagger Mixer	Adequate to project needs	As necessary				
	Bar Cutter	Adequate to project needs	As necessary				
12	Not applicable.						
15.1	following forms and amou a. The amount of no	ints: ot less than <u>2% of ABC</u> ,	g Declaration or any of the if bid security is in cash, atee or irrevocable letter of				

Bid Data Sheet

	b. The amount of not less than (5%) of ABC 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	Not applicable.
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;
	2. PERT/CPM;
	3. Manpower schedule; and
	4. Construction safety and health program approved by the DOLE.

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

- 3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the SCC, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
 - 3.2 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	Not applicable.
3.1	The Procuring Entity shall give possession of all parts of the Site to the
	Contractor on the date stated in the Notice to Proceed.
6	The site investigation reports are: Certificate of Site Inspection (attested
	by any BAC Sec present)
7.2	Five (5) years.
10	No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring
	Entity's Representative within 7 calendar days after receipt of the Notice
	of Award.
11.2	No further instructions.
13	The amount of the advance payment is 15% of the total contract price.
14	No further instructions.
15.1	"As built" drawings/plans shall be submitted before final payment.
15.2	No further instructions.

Section VI. Specifications

Section VII. Drawings

(See attached files or annexes)

Section VIII. Bill of Quantities

Project Name

: PROPOSED DBM MULTI-PURPOSE BUILDING EXTENSION INCLUDING BRIDGE AND ADDITION OF CANOPY/BALCONY AT DBM V OFFICE BUILDING

Location of Project : DBM ROV, Bicol Regional Government Center Site, Rawis, Legazpi City

	B	ILL OF Q	UANTITIE	S		
Pay Item	Description	Quantity	Unit	Unit Cost		l Cost
No.	*				Amounts in Words	Amounts in Figures
	FACILITIES FOR THE ENGINEER Provision of Combined Field Office, Laboratory and	4.00	month			
	GENERAL REQUIREMENTS	4.00	monui			
B.3.	Permits and Clearances	1.00	l.s.			
B.5	Project Billboard/Signboard	2.00	e.a.			
B.7(1)	Occupational Safety and Health Program	4.00	month			
B.9	Mobilization and Demobilization	1.00	l.s.			
A	PROPOSED DBM MULTI-PURPOSE BUILDING			DING BRIDGI		
	CIVIL, MECHANICAL, ELECTRICAL AND SAN					
	EARTHWORKS					
801(1)	Removal of Structures and Obstruction	1.00	l.s.			
	PLAIN AND REINFORCED CONCRETE WORK	S				
900(8)	Structural Concrete, 27.58MPa, 28 days	15.35	cu.m.			
902(1)a	Reinforcing Steel (Deformed) Grade 40	1,177.97	kgs.			
902(1)b	Reinforcing Steel (Deformed) Grade 60	1,112.47	kgs.			
	Forms and Falsework	189.76	sq.m.			
	FINISHINGS AND OTHER CIVIL WORKS					
1001(8)	Sewer Line Works	1.00	l.s.			
1001(9)	Storm Drain and Downspout	1.00	l.s.			
	Plumbing Fixtures	1.00	l.s.			
	Cold Water Lines	1.00	l.s.			
	Ceiling (4.5mm Metal Frame - Fiber Cement Board)	110.74	sq.m.			
	Ceiling (Metal Frame - Prepainted Metal Panel)	33.52	sq.m.			
	Carpentry and Joinery Works	1.00	l.s.			
	Finishing Hardware	1.00	l.s.			
	Hollow Steel Door	5.67	sq. m.			
1006(1)	Aluminum Glass Windows (Awning Type)	14.30	sq. m.			
	Frames (Jambs, Sills, Head, Transoms and Mullions) Door Flush	5.00 5.25	set			
()		5.25	sq.m.			
	Prepainted Metal Sheet (above 0.427mm Corrugated Waterproofing-Liquid	9.80	sq.m.			
1010(1)0	Glazed Tiles and Trims	66.35	sq.m. sq.m.			
1018(2)	Unglazed Tiles	40.13	sq.m.			
1010(2)	Cement Plaster Finish	249.85	sq.m.			
	Painting Works (Masonry/Concrete)	534.76	sq.m.			
	Varnishing	2.82	sq.m.			
1032(1)	Reflective Insulation	110.25	sq.m.			
	CHB Non-Load Bearing (including Reinforcing Steel)	99.15	sq.m.			
	CHB Non-Load Bearing (including Reinforcing Steel)	49.36	sq.m.			
	Structural Steel, Trusses	2,008.00	kg.			
	Structural Steel, Purlins	1,073.00	kg.			
	Metal Structure Accessories, Cross Bracing	133.00	kg.			
1047(6)	Metal Structure Accessories, Steel Plates	793.00	kg.			
	Metal Structure Accessories, Bolts	2.42	kg.			
	Metal Structure Accessories, Sag Rods	48.00	kg.			
1047(7)c	Metal Structure Accessories, Turnbuckle	9.00	kg.			
1047(8)	Structural Steel, Roof Framing	1.00	l.s.			
413(3)b	Premolded Expansion Joint Filler with Sealant, 50mm	0.02	cu.m.			
614(2)	Waterstop	1.00	l.s.			
PART D	ELECTRICAL					
1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit	1.00	l.s.			
1101(33)	Wires and Wiring Devices	1.00	l.s.			
1102(1)	Panelboard with Main Branch Breakers	1.00	l.s.			
1103(1)	Lighting Fixtures and Lamps	1.00	l.s.			
1104(1)	Auxilliary System	1.00	l.s.			
	MECHANICAL					
1200(1)	Ventilating Equipment	1.00	l.s.			
1208(1)	Fire Alarm System	1.00	l.s.			

BILL OF QUANTITIES

Partern No. Description Quantity Unit Unit Cost Total Cost Amounts in Words Amounts in F B ADDITION OF CANOPY/BALCONY AT DBM V OFFICE BUILDING Amounts in F PART III CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/ PLUMBING WORKS 801(1) Removal of Structures and Obstruction 1.00 1.s. 803(1)a Structure Exeavation, Common Soil 33.67 cu.m. 804(1)a Enbankment (from roadway/structure excavation) 28.26 cu.m. <th></th> <th>В</th> <th>BILL OF Q</th> <th>UANTITIE</th> <th>S</th> <th></th> <th></th>		В	BILL OF Q	UANTITIE	S		
B ADDITION OF CANOPY/BALCONY AT DBM V OFFICE BUILDING PART IL CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/ PLUMBING WORKS PART A EARTHWORKS 801(1) Removal of Structures and Obstruction 1.00 1.s. 803(1)a Structure Excavation, Common Soil 33.67 cu.m. 804(1) Embankment (from roadway/structure excavation) 28.26 cu.m. 804(4) Gravel Fill 1.68 cu.m. 807(2) Softscape 1.00 1.s. 908(8) Structural Concrete, 27.58/PR, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. 903(2) Formbring Fixtures 1.00 1.s. 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1)2 Cealing (Metal Frame - Prepainted Metal Panel) 27.53	•	Description	Quantity	Unit	Unit Cost		
PART III CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/ PLUMBING WORKS PART A EARTHWORKS	INO.					Amounts in words	Amounts in Figures
PART III CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/ PLUMBING WORKS PART A EARTHWORKS	В	ADDITION OF CANOPY/BALCONY AT DBM V	OFFICE BI	UILDING			
PART A EARTHWORKS Image: Construction of the second of th					WORKS		
803(1)a Structure Excavation, Common Soil 33.67 cu.m. 804(1)a Embankment (from roadway/structure excavation) 28.26 cu.m. 804(4) Gravel Fill 1.68 cu.m. 807(2) Softscape 1.00 1.s. PART B PLAIN AND REINFORCED CONCRETE WORKS		· · · · · · · · · · · · · · · · · · ·					
804(1)a Embankment (from roadway/structure excavation) 28.26 cu.m. 804(4) Gravel Fill 1.68 cu.m. 807(2) Softscape 1.00 1.s. PART B PLAIN AND REINFORCED CONCRETE WORKS 900(8) Structural Concrete, 27.58MPa, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Fornworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1): Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1003(2)h Maininum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Windo	801(1)	Removal of Structures and Obstruction	1.00	l.s.			
804(4) Gravel Fill 1.68 cu.m. 807(2) Softscape 1.00 1.s. PART B PLAIN AND REINFORCED CONCRETE WORKS 900(8) Structural Concrete, 27.58MPa, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1)c2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1003(2)f Wall 1.00 1.s. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Awing Type) 7.24 sq.m.	803(1)a	Structure Excavation, Common Soil	33.67	cu.m.			
807(2) Softscape 1.00 1.s. PART B PLAIN AND REINFORCED CONCRETE WORKS 900(8) Structural Concrete, 27.58MPa, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)f Wall Muninum Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall Aluminum Metal Cladding) 90.21 sq.m. 1003(2)f Wall Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 10108(1)c Aluminum Glass Window (Fixed Type) 7.24 sq.	804(1)a	Embankment (from roadway/structure excavation)	28.26	cu.m.			
PART B PLAIN AND REINFORCED CONCRETE WORKS 900(8) Structural Concrete, 27.58MPa, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Fornworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 I.s. 1003(1)c2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)f Wall 1.00 1.s. 1003(2)h Wall 1.00 1.s. 1003(1)c Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1011(1)2 Roll-Up Doors 1.00 1.s. 1011(2)2 Roll-Up Doors 1.00	804(4)	Gravel Fill	1.68	cu.m.			
900(8) Structural Concrete, 27.58MPa, 28 days 17.00 cu.m. 902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 Ls. 1003(1)c2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 Ls. 1003(1)c2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)h Wall 1.00 Ls. 100 1003(2)h Wall 1.00 Ls. 100 1003(2)h Wall 1.00 Ls. 100 1007(1)b Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1016(1)b	807(2)	Softscape	1.00	l.s.			
902(1)a Reinforcing Steel (Deformed) Grade 40 1,144.00 kgs. 902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1)c2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1003(2)h Wall 1.00 1.s. 1003(2)h Wall 1.00 1.s. 1003(1)c Aluminum Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m.	PART B	PLAIN AND REINFORCED CONCRETE WORK	S				
902(1)b Reinforcing Steel (Deformed) Grade 60 959.00 kgs. 903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS 1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1)e2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1003(2)h Wall 1.00 1.s. 1003(2)h Wall 1.00 1.s. 1007(1)b Aluminum Glass Door (Swing Door) 7.53 sq.m. 1008(1)e Aluminum Glass Window (Awning Type) 0.75 sq.m. 1018(1)e Glazed Tiles 1.00 1.s.	900(8)	Structural Concrete, 27.58MPa, 28 days	17.00	cu.m.			
903(2) Formworks and Falseworks 81.00 sq.m. PART C FINISHINGS AND OTHER CIVIL WORKS	902(1)a	Reinforcing Steel (Deformed) Grade 40	1,144.00	kgs.			
PART C FINISHINGS AND OTHER CIVIL WORKS Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: style="text-align: center;">Image: style="text-align: style="text-a	902(1)b	Reinforcing Steel (Deformed) Grade 60	959.00	kgs.			
1001(9) Storm Drain and Downspout 1.00 1.s. 1002(4) Plumbing Fixtures 1.00 1.s. 1003(1)e2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)c Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1011(2) Roll-Up Doors 1.00 1.s. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing	903(2)	Formworks and Falseworks	81.00	sq.m.			
1002(4) Plumbing Fixtures 1.00 I.s. 1003(1)e2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1007(1)b Aluminum Metal Cladsing) 90.21 sq.m. 1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1011(2) Roll-Up Doors 1.00 1.s. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Peble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearin	PART C	FINISHINGS AND OTHER CIVIL WORKS					
1003(1)e2 Ceiling (Metal Frame - Prepainted Metal Panel) 27.55 sq.m. 1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(2) Unglazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 C	1001(9)	Storm Drain and Downspout	1.00	l.s.			
1003(2)f Wall (Aluminum Metal Cladding) 90.21 sq.m. 1003(2)h Wall 1.00 1.s. 1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 10108(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2	1002(4)	Plumbing Fixtures	1.00	l.s.			
1003(2)h Wall 1.00 I.s. 1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bear	1003(1)e2	Ceiling (Metal Frame - Prepainted Metal Panel)	27.55	sq.m.			
1007(1)b Aluminum Framed Glass Door (Swing Door) 7.53 sq.m. 1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1018(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB	1003(2)f	Wall (Aluminum Metal Cladding)	90.21	sq.m.			
1008(1)c Aluminum Glass Window (Awning Type) 0.75 sq.m. 1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1003(2)h	Wall	1.00	l.s.			
1008(1)d Aluminum Glass Window (Fixed Type) 7.24 sq.m. 1011(2) Roll-Up Doors 1.00 1.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1007(1)b	Aluminum Framed Glass Door (Swing Door)	7.53	sq.m.			
1011(2) Roll-Up Doors 1.00 I.s. 1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1008(1)c	Aluminum Glass Window (Awning Type)	0.75	sq.m.			
1016(1)b Waterproofing-Liquid 26.17 sq.m. 1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1008(1)d	Aluminum Glass Window (Fixed Type)	7.24	sq.m.			
1018(1) Glazed Tiles and Trims 41.87 sq.m. 1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1011(2)	Roll-Up Doors	1.00	l.s.			
1018(2) Unglazed Tiles 21.87 sq.m. 1026(1) Pebble Washout 26.99 sq.m. 1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1016(1)b	Waterproofing-Liquid	26.17	sq.m.			
1026(1)Pebble Washout26.99sq.m.1027(1)Cement Plaster Finish55.89sq.m.1032(1)aPainting Works (Masonry/Concrete)133.88sq.m.1046(2)a1CHB Non-Load Bearing (including Reinforcing Steel)3.96sq.m.1046(2)a2CHB Non-Load Bearing (including Reinforcing Steel)16.00sq.m.	1018(1)	Glazed Tiles and Trims	41.87	sq.m.			
1027(1) Cement Plaster Finish 55.89 sq.m. 1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1018(2)	Unglazed Tiles	21.87	sq.m.			
1032(1)a Painting Works (Masonry/Concrete) 133.88 sq.m. 1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1026(1)	Pebble Washout	26.99	sq.m.			
1046(2)a1 CHB Non-Load Bearing (including Reinforcing Steel) 3.96 sq.m. 1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1027(1)	Cement Plaster Finish	55.89	sq.m.			
1046(2)a2 CHB Non-Load Bearing (including Reinforcing Steel) 16.00 sq.m.	1032(1)a	Painting Works (Masonry/Concrete)	133.88	sq.m.			
	1046(2)a1	CHB Non-Load Bearing (including Reinforcing Steel)	3.96	sq.m.			
1051(6) Railing 1.00 l.s.	1046(2)a2	CHB Non-Load Bearing (including Reinforcing Steel)	16.00	sq.m.			
	1051(6)	Railing	1.00	l.s.			
411(1) Paint 1.00 1.s.	411(1)	Paint	1.00	l.s.			
413(3)b Premolded Expansion Joint Filler with Sealant, 50mm 0.06 cu.m.	413(3)b	Premolded Expansion Joint Filler with Sealant, 50mm	0.06	cu.m.			
614(2) Waterstop 1.00 1.s.	614(2)	Waterstop	1.00	l.s.			
PART D ELECTRICAL	PART D	ELECTRICAL					
1100(10) Conduits, Boxes & Fittings (Conduit Works/Conduit 1.00 1.s.	1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit	1.00	l.s.			
1101(33) Wires and Wiring Devices 1.00 1.s.		Wires and Wiring Devices	1.00	l.s.			
1103(1) Lighting Fixtures and Lamps 1.00 l.s.	1103(1)	Lighting Fixtures and Lamps	1.00	l.s.			

*Prices quoted shall be inclusive of 12% VAT and contractor's profit

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. T	ECHNICAL COMPONENT ENVELOPE
	Class "A" Documents
L	egal Documents
Γ	(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
	<u>or</u>
	(i) 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
	(ii) 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
	(iii) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
<u></u>	echnical Documents
	(b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
	(c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and
	(d) 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
	(e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
	or Original copy of Notarized Bid Securing Declaration; and
	(f) Project Requirements, which shall include the following:
	a. Organizational chart for the contract to be bid;
	b. List of contractor's key personnel (<i>e.g.</i> , 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; <u>and</u>
	(g) Original duly signed Omnibus Sworn Statement (OSS); <u>and</u> 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.
Financia	l Documents
(h)	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
(i)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).
	Class "B" Documents
(j)	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.
II. FINANC	IAL COMPONENT ENVELOPE
(k)	Original of duly signed and accomplished Financial Bid Form; <u>and</u>
<u>Other do</u>	cumentary requirements under RA No. 9184
	Original of duly signed Bid Prices in the Bill of Quantities; and
(m)	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; <u>and</u>
(n)	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.
- 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

¹ currently based on GPPB Resolution No. 09-2020

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: _____

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;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, <u>by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;</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

[Jurat]

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

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 DEPARTMENT OF PUBLIC WORKS & HIGHWAYS OFFICE OF THE REGIONAL DIRECTOR REGIONAL OFFICE NO. V RAWIS, LECAZPI CITY

PROPOSED DBM MULTI-PURPOSE BUILDING EXTENSION INCLUDING BRIDGE AND ADDITION OF CANOPY / BALCONY AT DBM V OFFICE BUILDING



CONCURRENCE:

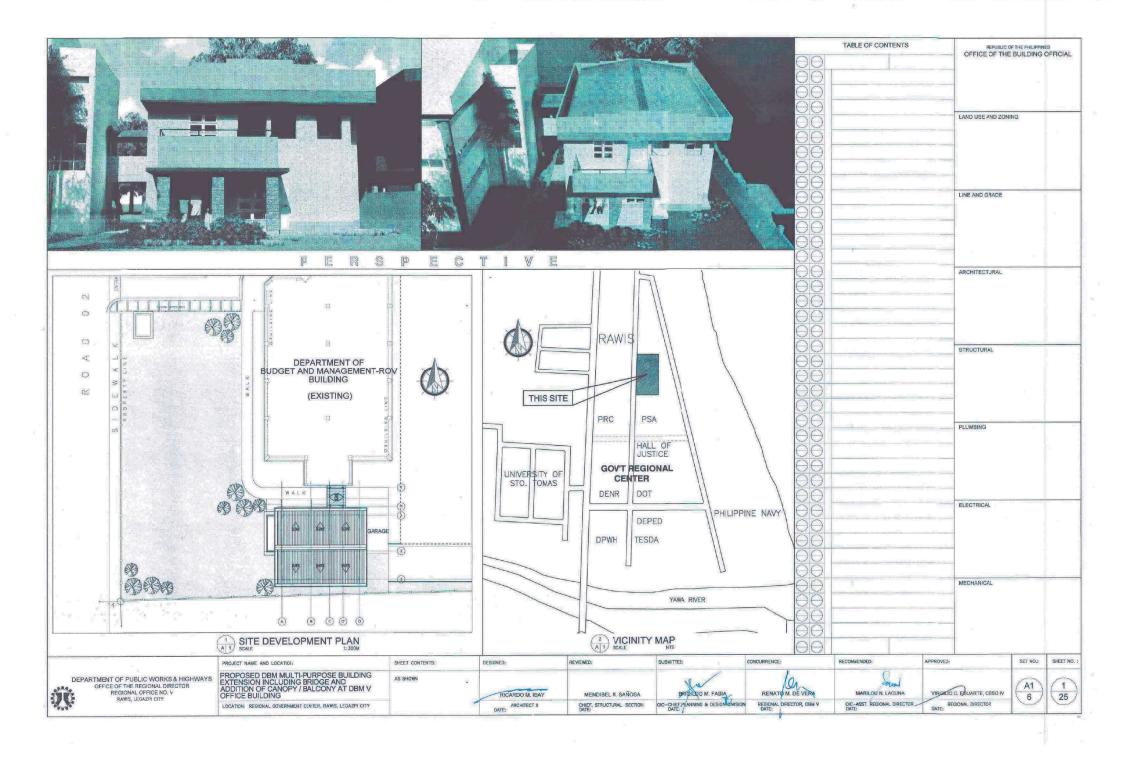
RENATO M. DE VERA-

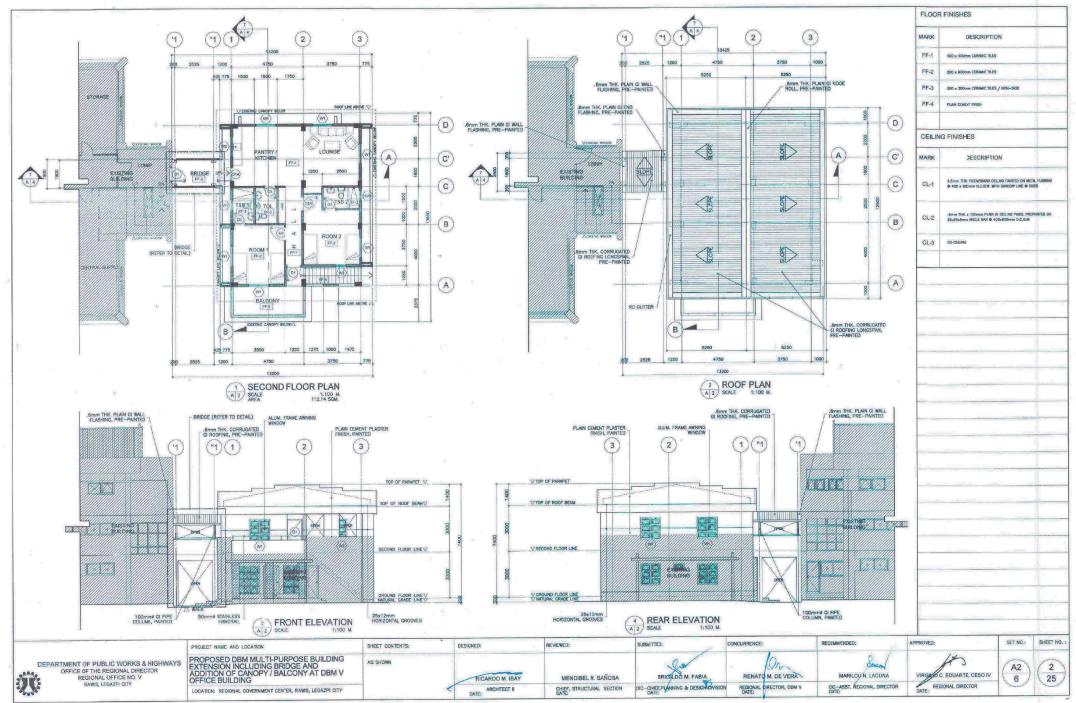
RECOMMENDED:

MARILOUN. LACUNA

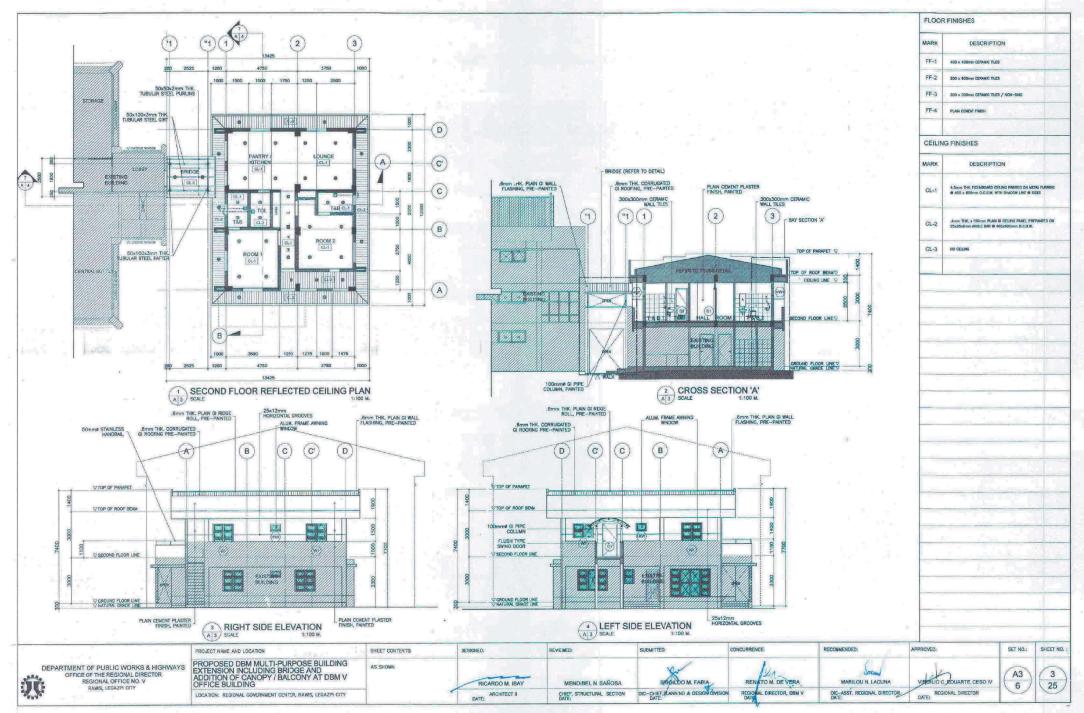


VIRGINO C. EDUARTE, CESO IV

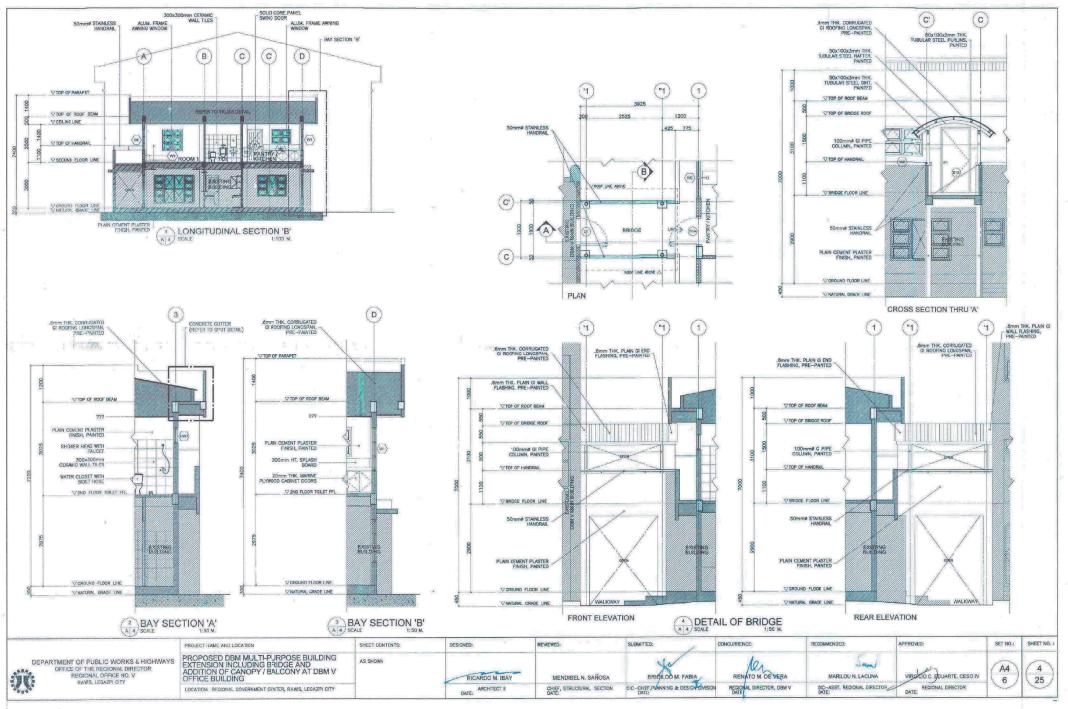




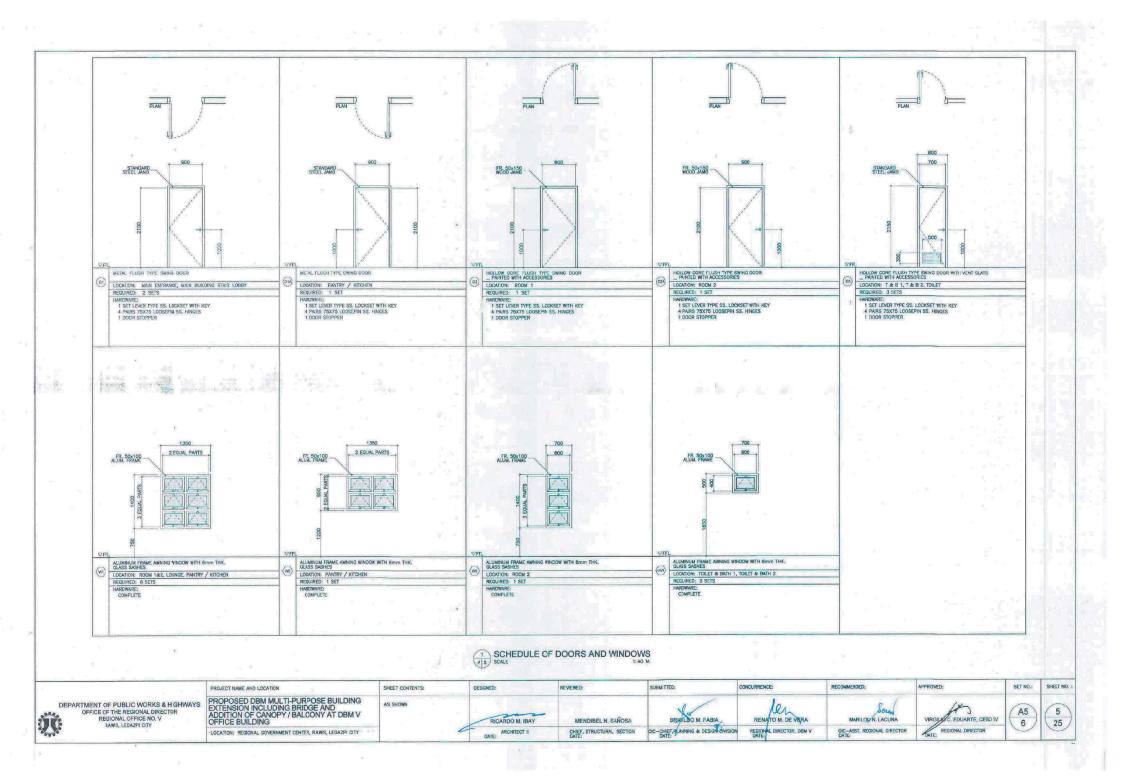
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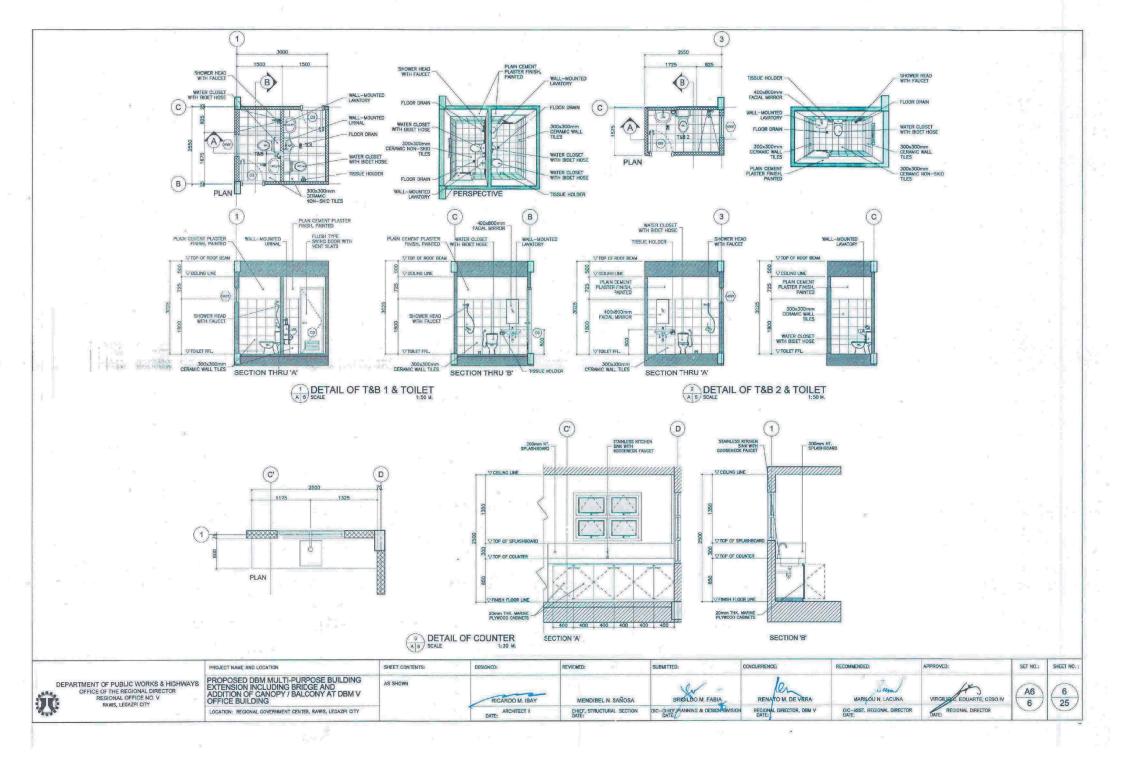


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E.





CONSTRUCTION NOTES

DESIGN CRITERIA



A. GENERAL NOTES:

- 1. IN THE INTERPRETATION OF THESE ORAMINS, REMARKED DIMENSIONS SHALL COVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES. THE OWNTRACTOR SHALL COORDINATE WOTH "HE ARE ME. SEE, DE, AND OTHER UTILITIES AND RECIEVANT PLANS FOR THE EXACU-TORY, MANDER AND LOCATIONS OF ALL SLEEVED OR OPENINGS THRU FLOOR SLARS, BEAMS AND WALLS AND ALSO BUILDING.

- 5. 17
- 8. IN CASE OF DISCREPANCY BETWEEN THE PLANS AND SPECIFICATIONS, THE STRICTER SHALL GOVERN.
- THE CONTRACTOR SHALL VERIFYNALIDATE ALL DIMENSIONS, MEASUREMENTS AND INFORM THE ENGINEER FOR ANY DISCREPANCY PRIOR TO CONSTRUCTION

B. NOTES ON CONCRETE MIXES AND PLACING

3. UNLESS OTHERWISE INDICATED IN FLANS OR NOTED IN THE SPECIFICATIONS THE MINIMUM 26-DAYS OYUNDER COMPRESSIVE STRENGTH OF CONCRETE PL SHALL BE AS FOLLOWS:

1.1 FOOTBIGS, THE BEAMS, PEDESTALS, COLVANS, REAMS GROERS, SUSPENDED SLASS, STAR WALLS & FLEWTOR WALLS	28.03 MPa (4005 pp)
13 SLAB-ON-FILL	21 00 MPa (3000 pri)
1 (PARAPET WALL, CURSS, GUTTER, SIDEVALIS, LINTEL BEAM & OTHER NON STRUCTURAL ELEMENTS (TRELLIS), STAIR ON FILL AND RAMPS	31 00 MPa. (3C. 1988)
14 LEAN CONCRETE.	17.0 MPa. (2600 p6/)

- EXCENTED SHALL BE DEPOSITED IN THE FINAL POINT CALWTHINGT RECREATED, REHINDLING OF FLOWING, PALORING DOLE PROFESSION UNTER INCOME. DURING THE MANAGEMENT OF THE DARGONG INCOMENTS WALL BE ALL/DARD EXCEPT TO TWANEVE CONCEPTE FROM HOPPER'S TO MUQUES, WHEEL BARDONG OF EXCENTES WALLER ALL/DARD EXCEPT TO TWANEVE IN TOUSIAND (ROOMIN II) ADDRESS. WHEEL BARDONG OF EXCENTES WALLER ALL/DARD EXCEPT TO TWANEVE IN TOUSIAND (ROOMIN II) ADDRESS. NUT PEOREGATION RE-HANDLING OF PLOWING PLACING SHALL BE
- NO DEPOSITING OF CONCRETS SHALL BE ALLWED WITHOUT THE USE OF VIERATORS UNLESS AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER AND ONLY FOR UNUSUAL CONDITIONS. WHERE VIERATION IS EXTREMELY DEFICULT TO ACCOMPUSE.

C. NOTES ON REINFORCING STEEL BARS

1. ALL RENFORCING STEEL BARS SINGLIGE NEW BILLET, HOT ROLLED, WELDARLE, DEFORMED BARS CONFORMING TO THE LATEST OWNE STANDARD SPECIFICATION WHOSE GRADE IS SHOWN ON TABLE 1.



- FCR 12mm BARS USED IN PEDESTAL'S GRND-RECOND FLR. COLLINNS USE GRADE 415 (# =40 XM i)
- 2 THE SUPPLEMENTARY REQUIREMENTS OF WELDADLE DEFORMED REINFORCING BARS SHALL BE AS FOLLOWS 21 THE MAXIMUM VIELD STRENGTH OF WEIDABLE BARS = 540 MPa.
- 22 THE TENSLE STRENGTH SHALL NOT BELESS THAN 1.26 TIMES THE ACTUAL YIELD STRENGTH
- A 1 CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND BPACED IN FORMS, BECURED THE REDURED LOCATION IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDUTION OF THE BULLIONS CODE NOT THE MANUAL OF TAXADABLE PRACTICE ON PRACTING REPRESENTED CONCEPTS OF CONTROL OF TAXADABLE 3. 4 ALL REINFORCING BARS BHALL BE CLEANEDTHOROUGHLY OF ALL LOOSE RUST, SOR, OR OTHER MATERIAL IMMEDIATELY PRIOR TO PLACING CONCRETE.
- 5. THE REQUIRED LENGTH OF LAP FOR TRINKIN SPLICES IS BASED ON THE DEVELOPMENT LENGTH, L4 SHOWN IN TABLE 2 AND TABLE 3 FOR RO BEAMS AND CIRDERS, RESPECTIVELY AND ON THE FOLLOWING CLASSIFICATIONS
 - TENSION SPLICE CLASSIFICATION CLASS A CLASS 6 SPLICE LENGTH 1.0 Ld

	MENT LENGTH, Ld, in TE		
BAR SIZE	ro = 27.60 UPa (4.600pc)		
	TOP BARS	OTHER	
10	550	425	
20	700	\$30	
25	1300	984	
20	1800	1260	

6 TOP BARS ARE HORIZONTAL BARS WITH AT LEAST 300 mm OF CONCRETE CAST RELOW IT

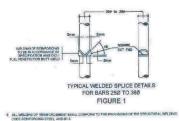
	TABLE-3		
DEVELOPMENT LENG	TH, LD, IN TEHSION FOR F	C. GIRDERS	
(PRISM	MATIC & NON-PRISMATIC)		
12000000	8/=(7.60 MPa		
(mm)	TOP BARS	BOTTON BARS	
102	550	550	
202	700	700	
250	1580	1300	
280	1000	1600	
200	2000	2000	
350	2463	2450	

NOTE FOR BUNDLE BARS (2) OR MORE BUNDLESS MULTIPLY ABOVE TABLE BY 1.3

7. THE REQUIRED LENGTH OF LAP FOR COMPRESSION SPLICES SHALL BE AS SHOWN IN TABLE 4.

BAR BIZE (mm)	fe = 27.60 MPa (4.000psi)
18	300
20	360
25	450
28	502
32	970
36	650

8. A FULL WELDED SPLICES SHALL HAVE BARS BUTTED AND WELDED TO DEVELOP IN TENSION AT LEAST 125 PERCENTOR THE SPECIFIED VIELD STAEMGTH IV, OF THE BAR, (SEE FIGURE 9)





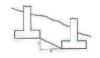




BENDS AND HOOKS IN STREAPS OR THES MAY BE BENT TO THE DIMETER OF THE REMORDING BAR CLOSED THEREIN

D. NOTES ON FOUNDATION

- 1. FOOTNOS ARE DESIGNED FOR AN ALLOWARLE SOL BEJRING PRESLIKE OF 100 KPA1 (200 pH) AT A MANUAR (EPT) OF 120 WEITING KHOM INE MATURAL (ORADE LIKE CONTRACTOR BUILL REFORT IN WEITING TO THE STRUCTURE, LENGER OF THE ACTIVITY AS OL CONTRACTOR BUILL REFORT IN ACTUAL BEATING CARACTLY OF SOL BEFORE DEROSTING COMPETED.
- NO FODTINGSHALL REST ON FALL FOOTINGS FOR CHE WALLS AND OTHER MINOR STRUCTURES SHALL SE SMELCORD AT LEAST 740mm FROM THE NATURAL GRADE LEVEL PROVIDE TEMPORARY REMOVAL OF VINTER FROM ANY SOURCE DURING CONSTRUCTION, DEWATTER SMALL BE CAREFULLY AND PROPERLY PERFORMED TO WORD DISTURBING THE FOUNDATIONS AND SU AS REALING TO SUBJECT OF THE SUBJEC
- 4. CONTRACTOR SHALL DESIGN, INSTALL AND MONITOR ELGAVATIONS RETERTION BYSTELIS AS PROTECTOR OF ALLACENT PROPERTIES AND PROVIDEAL MEASURES AND PREVATIONS NET MINUAGE SETTLEMENT AND INSTRUCTION OF ADMINISTRATICS OF ADMINISTRATICS MINUAGE SETTLEMENT AND INSTRUCTION OF ADMINISTRATICS MINUAGE SETTLEMENT AND INSTRUCTIONS OF ADMINISTRATICS MINUAGE MINISTRATICS MI
- 5. PREPARE CONDITIONS OF CONCRETE SUPPLY AND PLACEMENT OF THE COMPLETE FOUNDATION FOR THE FULL THICKNESS AS & CONTINUOUS MONDLITHIC CASTING.
- SEE TYPICALDETAL OF LIMITING BLOPE OF ADJACENT FOOTING AT DIFFERENT ELEVATION (REFER TO ROURE 2)



DETAIL OF LIMITING SLOPE OF ADJACENT FOOTINGS FIGURE 2

E. NOTES ON SLAB-ON-GRADE

- THE SOIL SUBGRACE AND FILL LAYERS BRICOVAL SLASS ON GRADE, PAVING AND PIT SLASS SHALL BR MECHANICALLY COMPACTED IN LAYERS TO A MINIMUM OF SC PERCENT OF THE MODIFIED PRICTICE DURITY PER LAYER MOTION.
- 2 ALL BLADS OR GRADE SHALL BE IRROVICED WITH A MINIMUM OF 102 YM THK COMPACTED CLEAN COARSE SAND BED.
- 3. UNLESS OTHERWISE NOTED, ALL BEDDED SLARS SHAL, BE RENFORCED WITH 16mm BARS AT 300mm Q.U. SACHWAY AT THE CENTER OF SLAR.

N BETWEEN CONSTRUM

F. NOTES ON CONCRETE WALLS

1. ALL WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF WALL REINFORCEMENT UNLESS OF SERVISE INDUCTED IN THE FLANS, INSTELL TO TABLE 51

VERTICA	REMARKS	REINFORCEMENT		WALL
SECTION	AR ARCARE, AND AND A SHARE	VERTICAL	HORIZONTAL	(min)
M	VERTICAL BARS STAGGERED CUISED	10mm at 309 a s	10mm at 250 a.c	100
	DITTO	10mm pt 250 a.s	10 mm at 200 n c	125
JW.	DITTO	12 mm at 250 u.s.	12mm st 286 o.c	150
01	DITTO	12mm at 200 obelt	20mm at 250 o.c.e.t.	175
INP	BOTH FACES HURBONIAL SHALL	10mm at 250 cc.e l	10mm at 288 o.c.e.f.	200

REWORCHGENES BHALL HAR EBAYS MINIMUM CLEAR DISTANCE FROM WALL FACE EXCENT FOR WALLS DEROSITE ALMINST THE GROUND WHER F. MINIMUM CR BAYS BHALL BE FORMED AND FOR EXPOSED FACEG OF COMMON WALLS WHERE THE MINIMUM SHALL BE SOME CLEAR FOR BAYS LARGER THAN HORM, AND BAYS CR. WHEN HAVE DIS SMALLER.

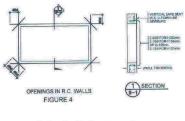
CARRY VERTICAL BARS AT LEAST 600mm ABOVE FLOOR LEVEL TO PROVIDE FOR SPLICES WHEN RECESSAN, STOP AT Source BELOW TOP OF THE SLAD OR SOLD BANK WHERE THE WALLS IND REVOCATION, AND VERTICAL BARS SHALL BE SPLICIDED VARIANS, AD BITWEE SUAL TO ADD AND VARES SECURELY WITH NO. 'S GLI WRE PROVIDED THAT SPLICES IN ADJACENT BARS AND INTER STADLEDED AT LEAST 1500mm CONTRC. (SMC1000E5)



LURLESS OTHERWISE NOTED IN THE PLANE ALL OPENINGS IN WALLS ZÖMMI OR THICKER SHALL BE ReamORIZD ARGUND WITH 2 Gening BARS. FOR 22 Stimes, 20 Januar, 17 Same, 13 Stimm THICK WALLS, USE 2 Alema BARS. FOR 12 Stimm 17 HOL WALLS, USE 2 Jann BARS. (Bee FOURE 4)

ALL WALLS OPENING SHALL HAVE VERTICAL REINFORCEMENT SENT TO A U-FORM LKKS STRRUPS AND SHALED ACCORDING TO THE IGHEDULE UNLESS OTHERWISE NOTED INFERENT OFEDINAL SOLF PLANE AV

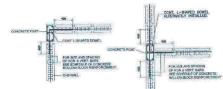
ALL CORCRETE WORKS SHALL BE REINFORCED WITH BARS OF AREA AT LEAST EQUAL TO THAT SPECIFIED IN ACT \$15 49 BUILDING CODE.

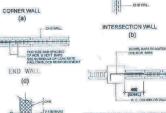


G. NOTES ON MASONRY WALLS

- 1 ALL MATERIALS AND WORKNAMISHIP SHALL BE IN ACCORDANCE WITH THE APPLICAS IL STANDARDA MID SPECIFICATIONS OF THE NATIONAL CONCRETE MASCINEY ASSOCIATION AND UNIFORM BUILDING CODE
- 2 CONCRETE MASCINRY UNITS SHALL CONFORM TO ASTM CRO GRADE N.
- 3 MORTAR AND GROUT FOR ALL REINFORCED MARCINPY SHALL CONFORM TO ASTM 220 TYPE M. MID SHALL HAVE A MIRINUM 28-DAYS STANDARD CYLINDER COMPRESSIVE OF 21 MSH (2000 PS).
- 4. ALL MASONRY WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF CONCRETE HOLLOW BLOCK REINFORCEMENT UNLESS OTHERWISE INDICATED INTHE FLANS
- 5 ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT
- 8 FOR TYPICAL CONNECTION DETAILS ON MASONRY UNITS, REFER TO FIGURES 5.6.5.7 RESPECTIVELY







8

6 . 4

CHB WALL

FGURE 5

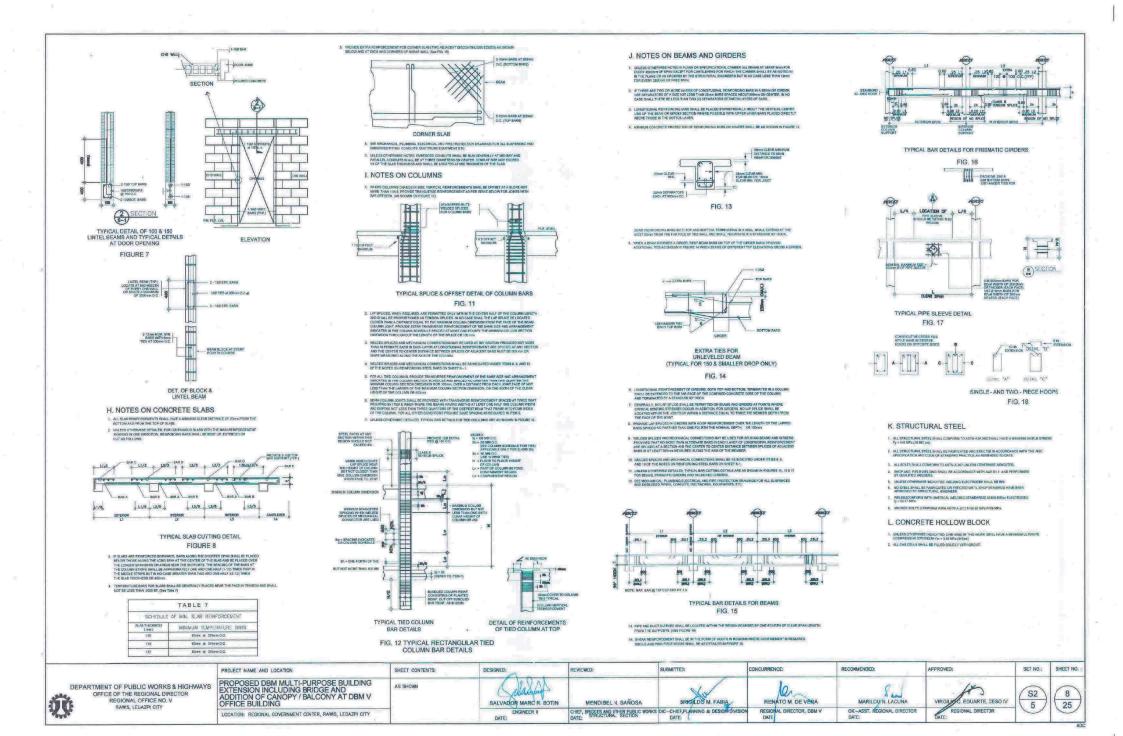
INTERSECTING R.C. COLUMN OR WALL (e)

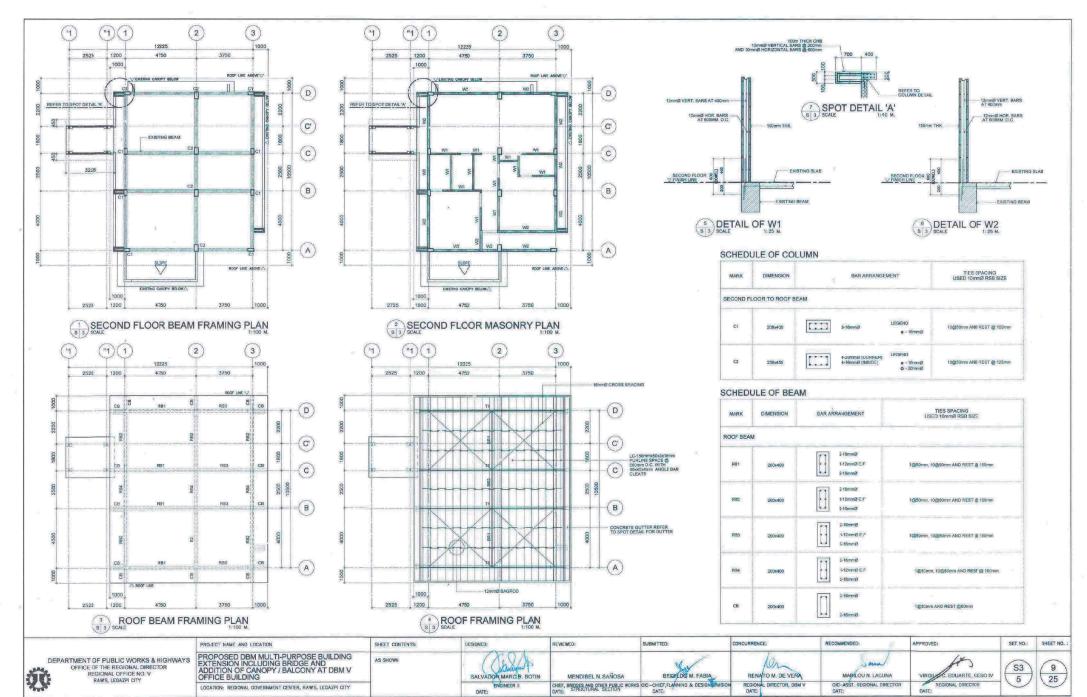


TYPICAL CONNECTION DETAILS OF CONCRETE MASONRY UNITS AT COLUMN AND/OR WALLS TYPICAL DETAIL OF 100 & 150 CHB CONCRETE POSTS FIGURE 6

	PROJECT NAME AND LOCATION	SHEET CONTENTS:	DESIGNED:	REVIEWED:	SUBMITTED:	CONCURRENCE:	RECOMMENDED:	APPROVED:	SET NO.:	SHEET NO.
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS OFFICE OF THE REGIONAL DIRECTOR REGIONAL OFFICE NO. V RAWES, LEGAZPI CITY RAWES, LEGAZPI CITY LOCATOR: REGIONAL GOVERNMENT CENTER, RAWES, LEGAZPI CITY	ADDITION OF CANOPY / BALCONY AT DBM V		SALVADOR MARC R. BOTIN	MENDIBEL N. SAÑOSA	BRIGILDO M. FABIA	RENATO M. DE VERA	MARILOU N. LACUNA	VIRGILIOZ, EDUARTE, CESO IV REGIONAL DIRECTOR	S1 5	7
		ENGINEER II DATE:	CHIEF, BRIDGES AND OTHER PUBLIC WOR DATE:	DATE:	DATE	DATE:	DATE:	-	A	

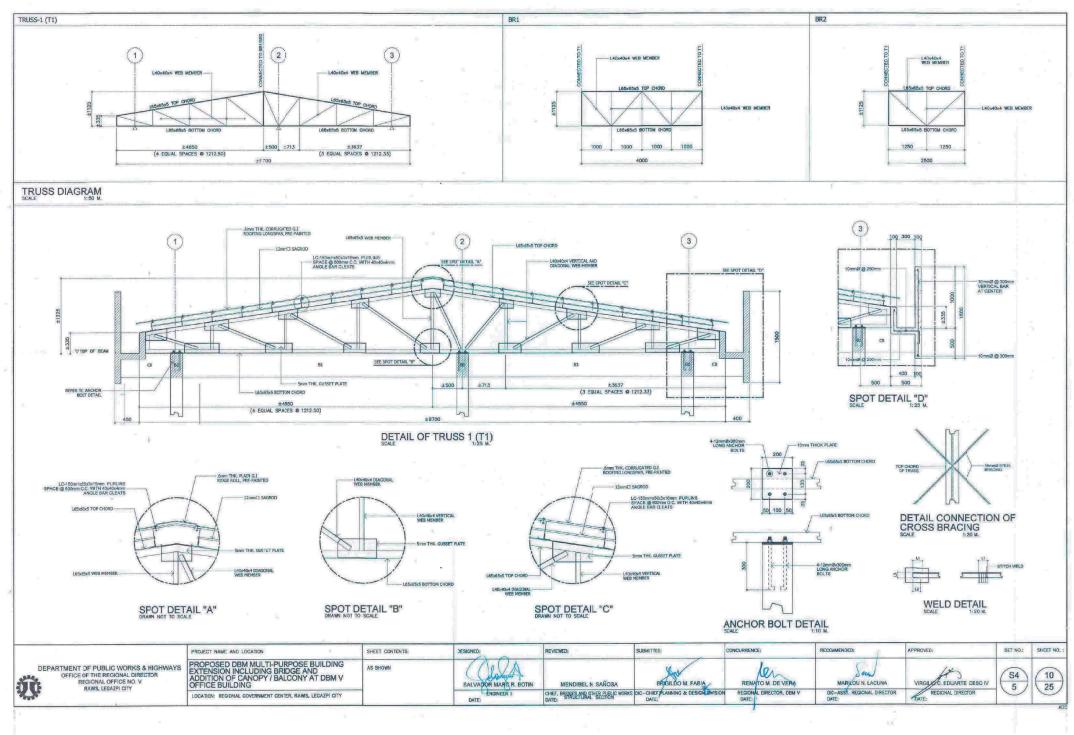


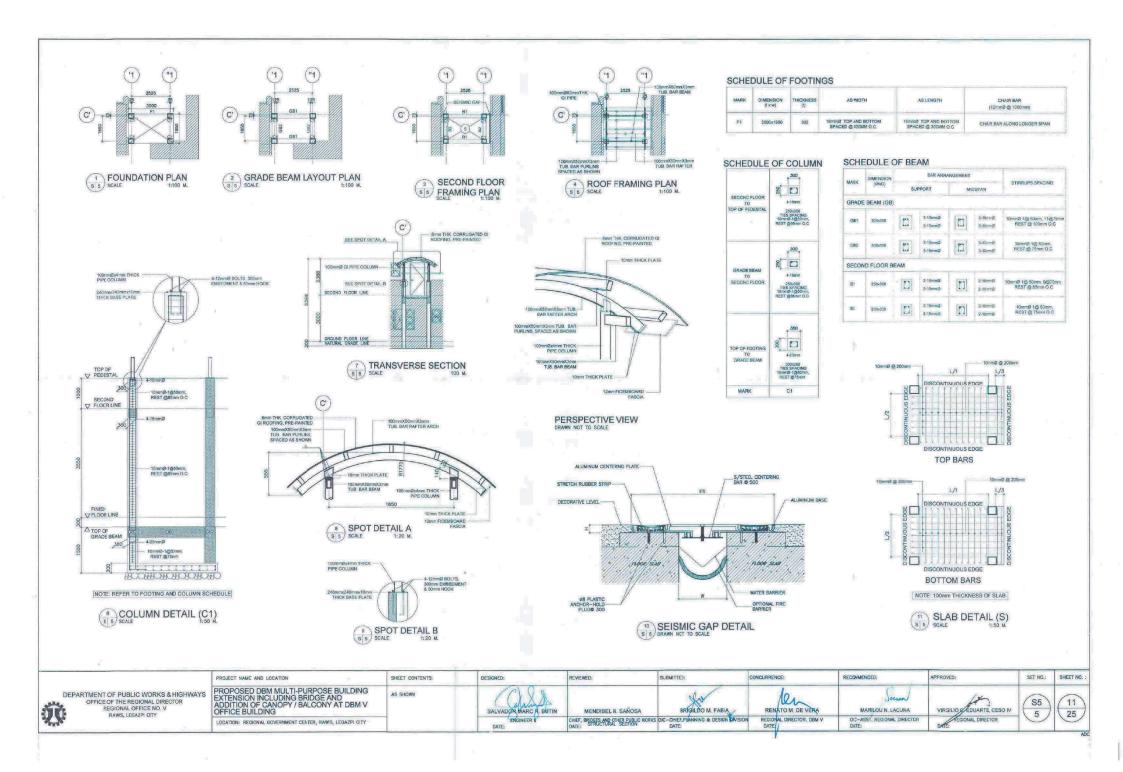


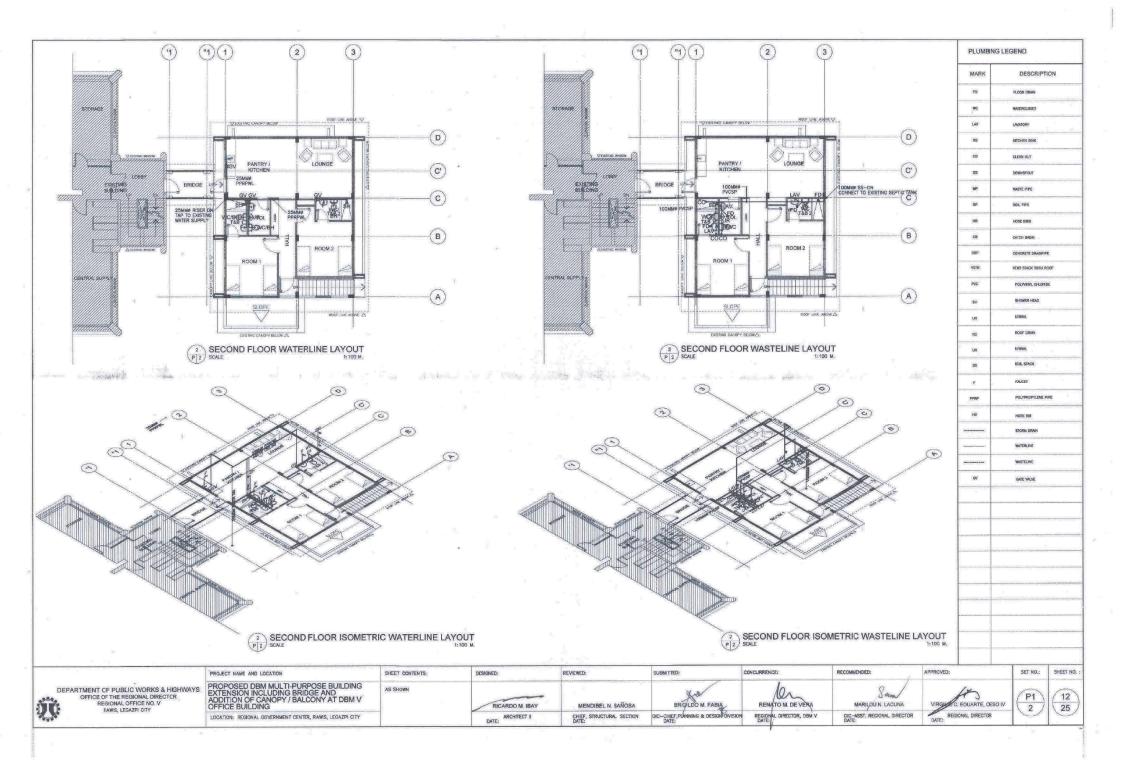


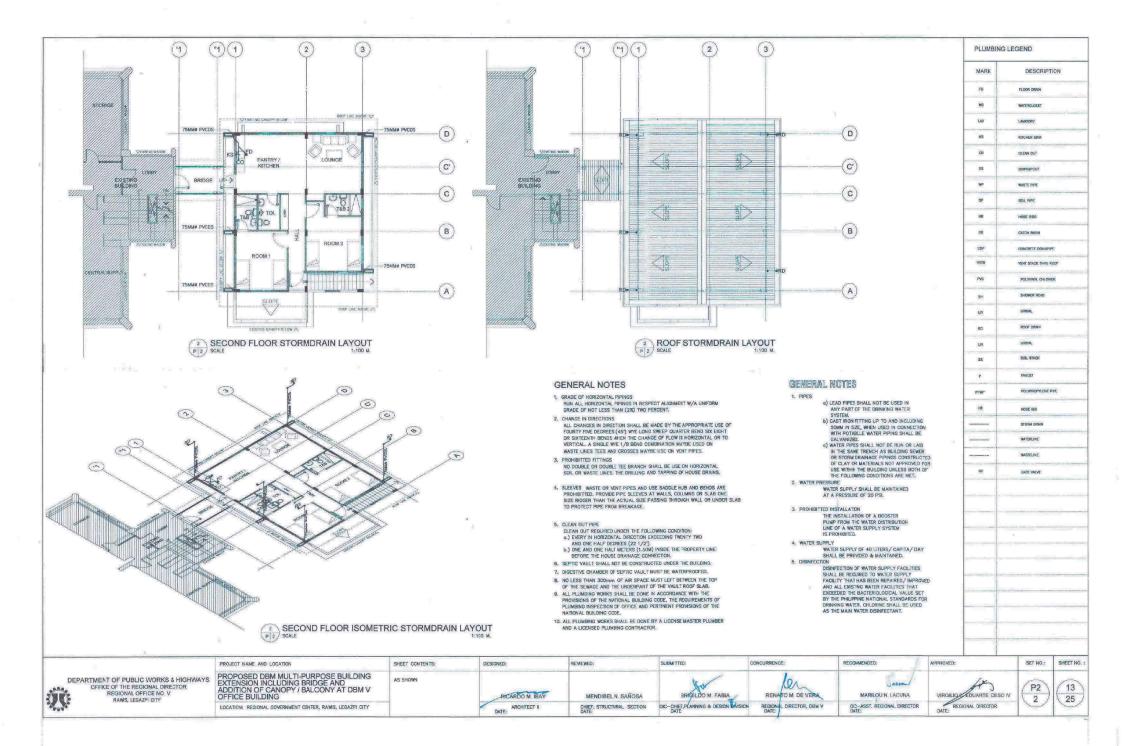
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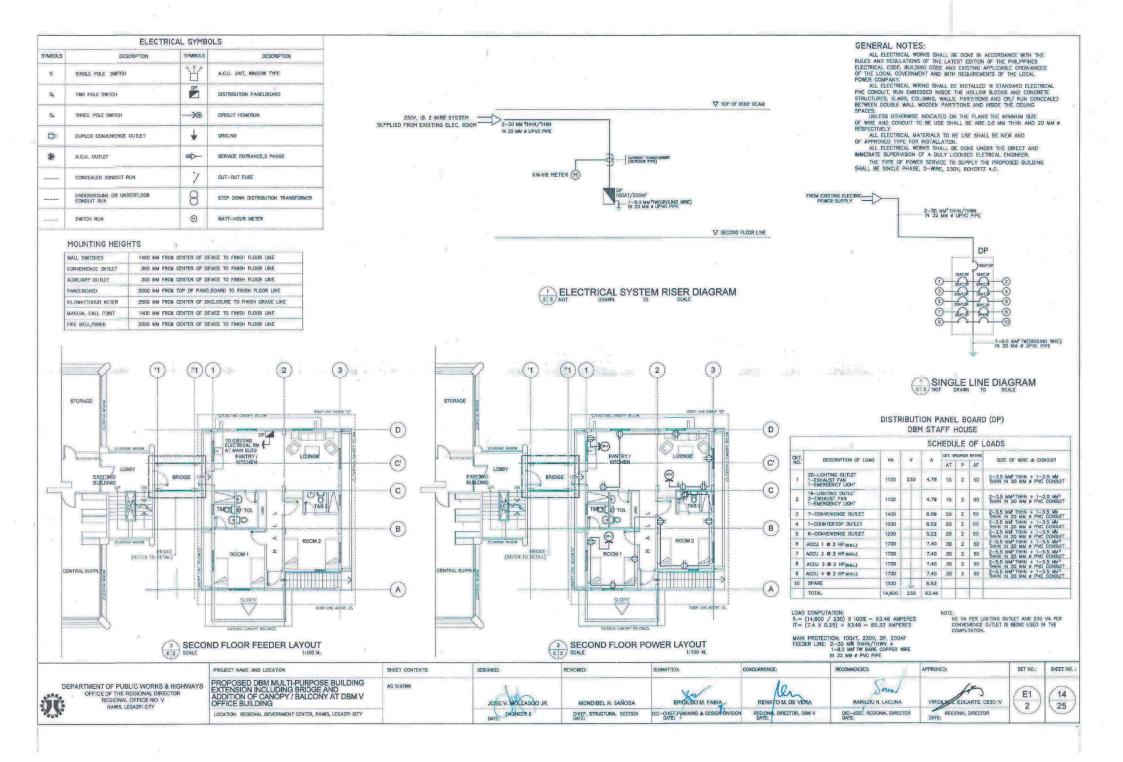
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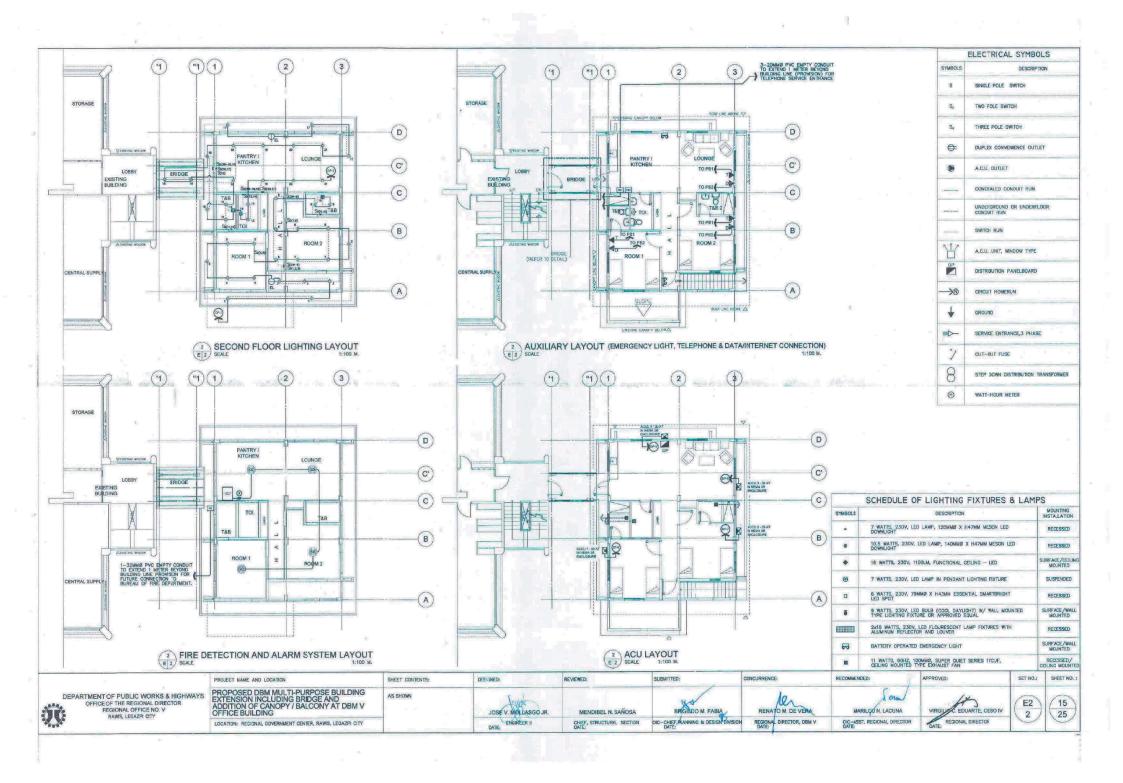


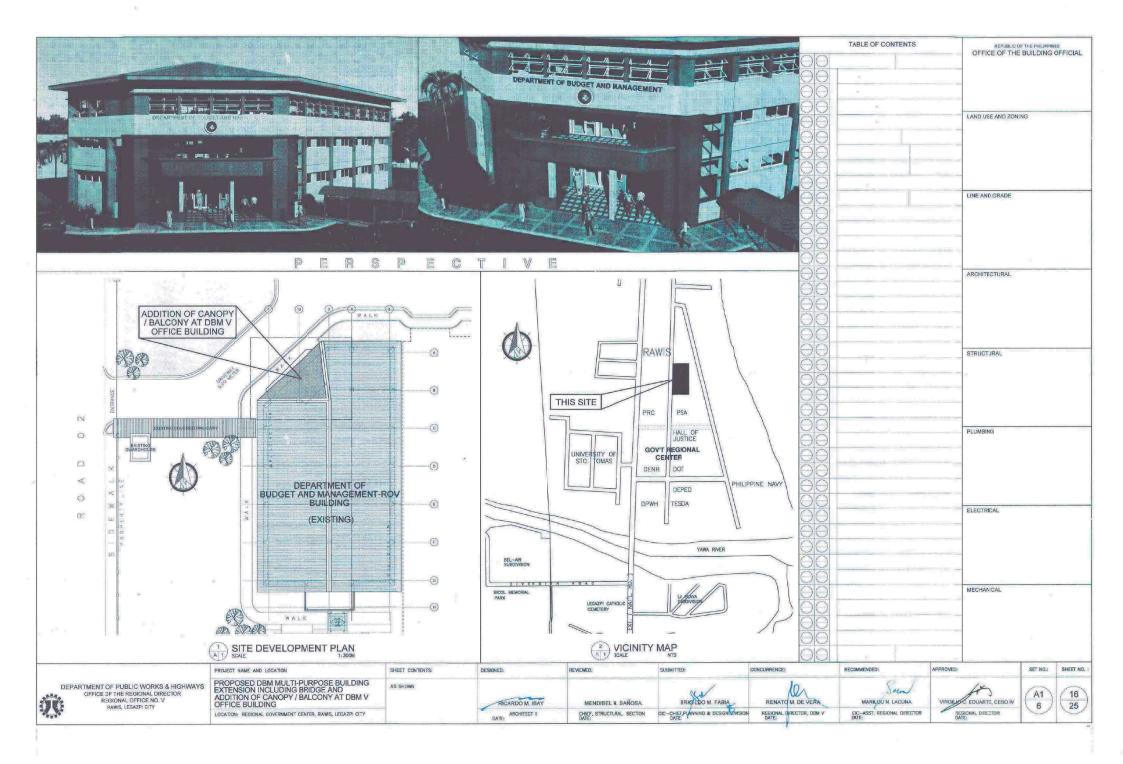


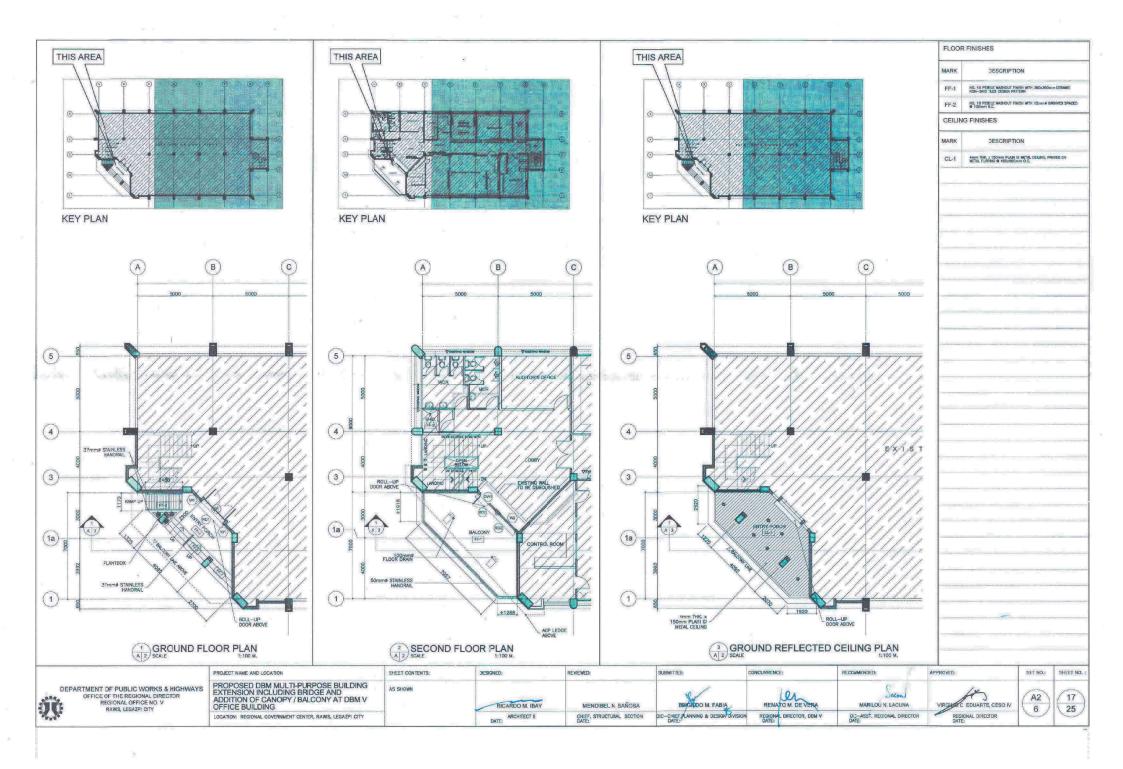


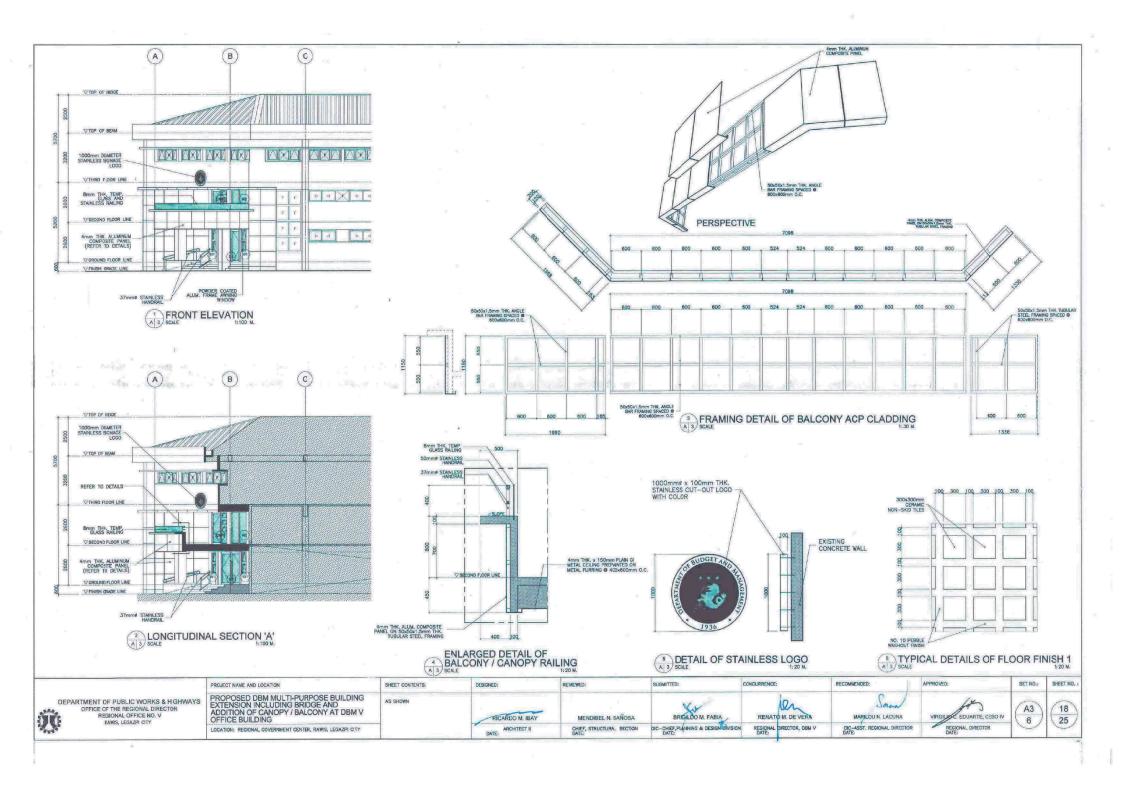


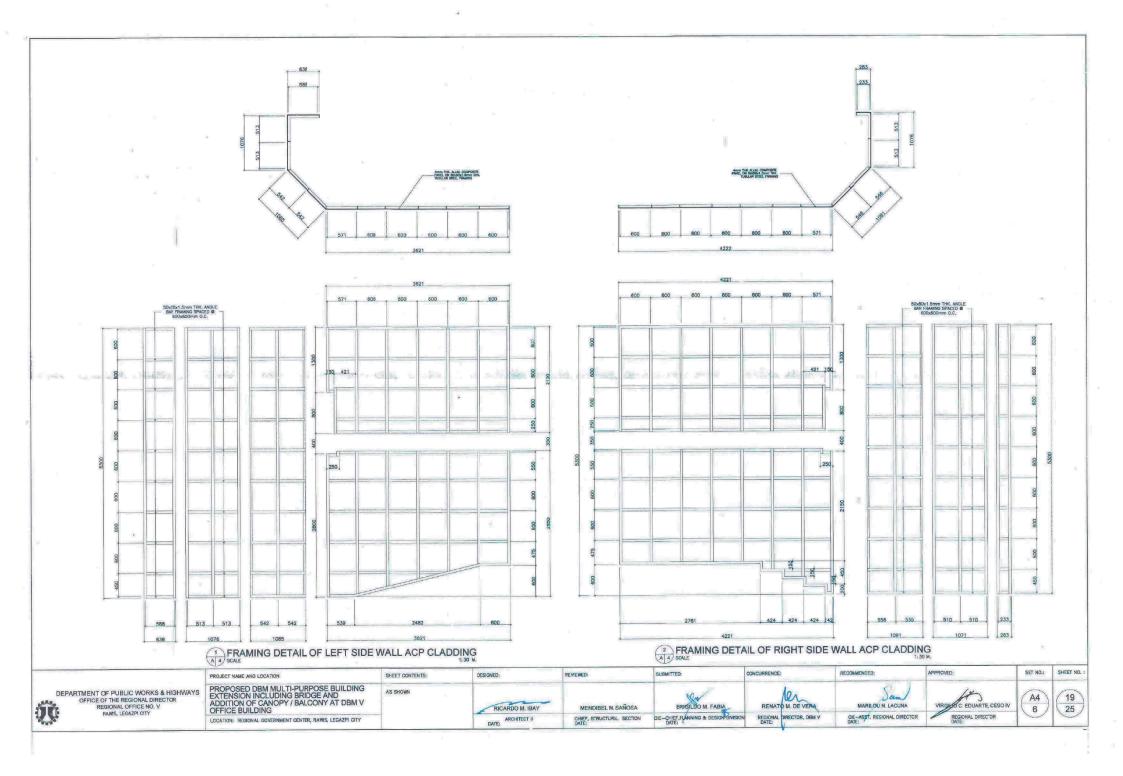


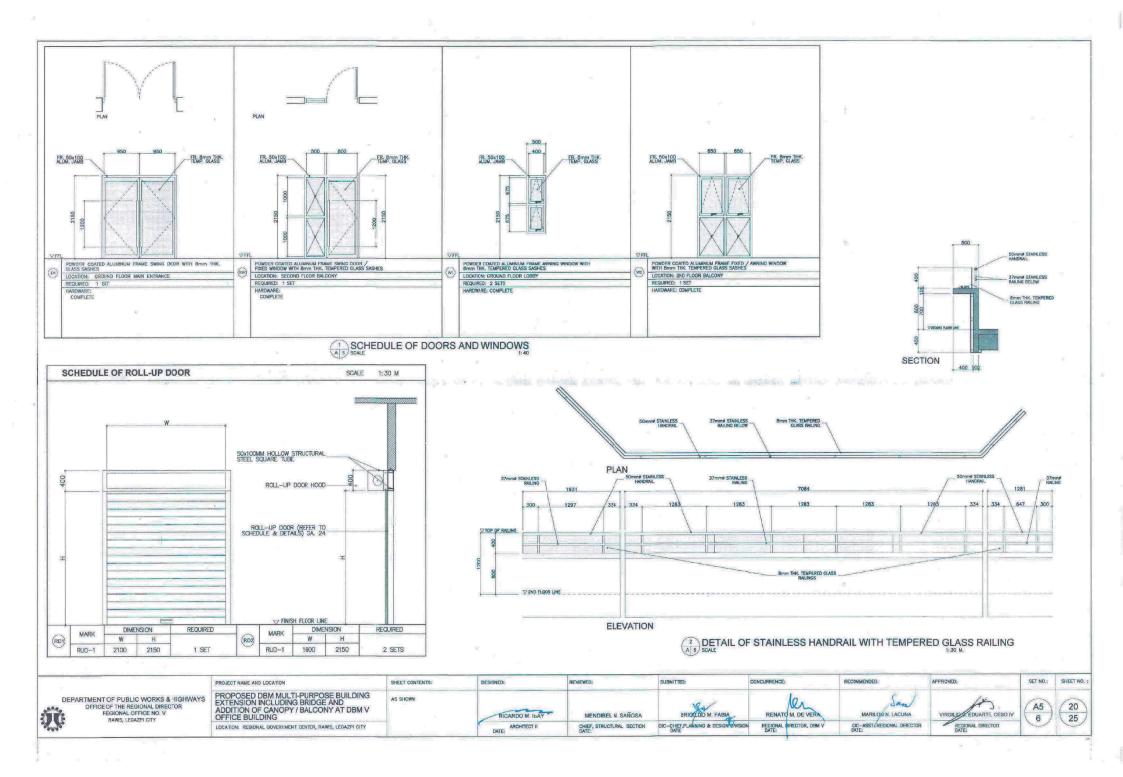


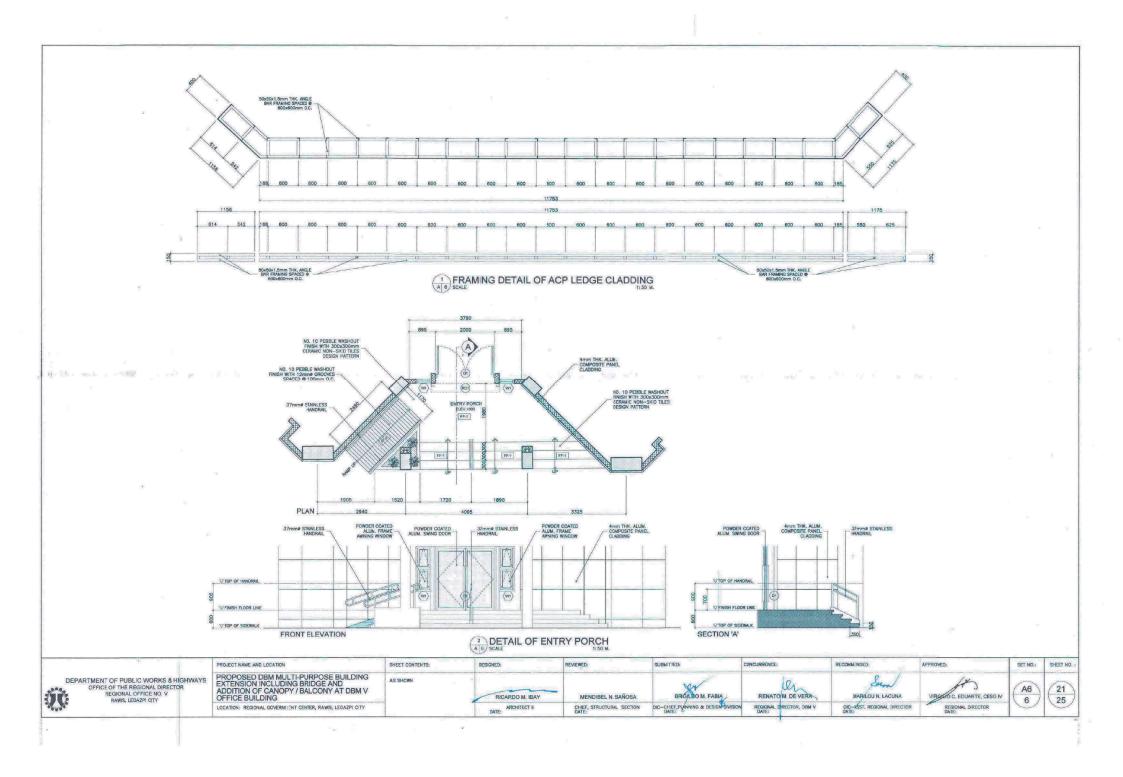


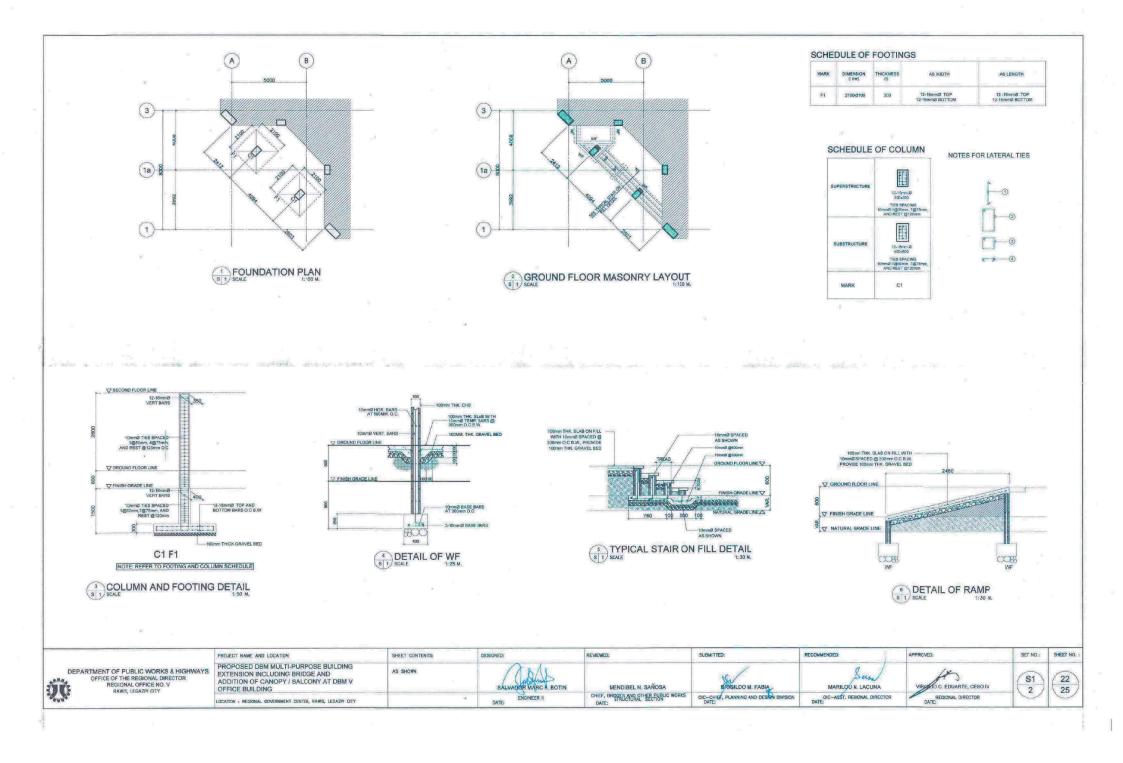


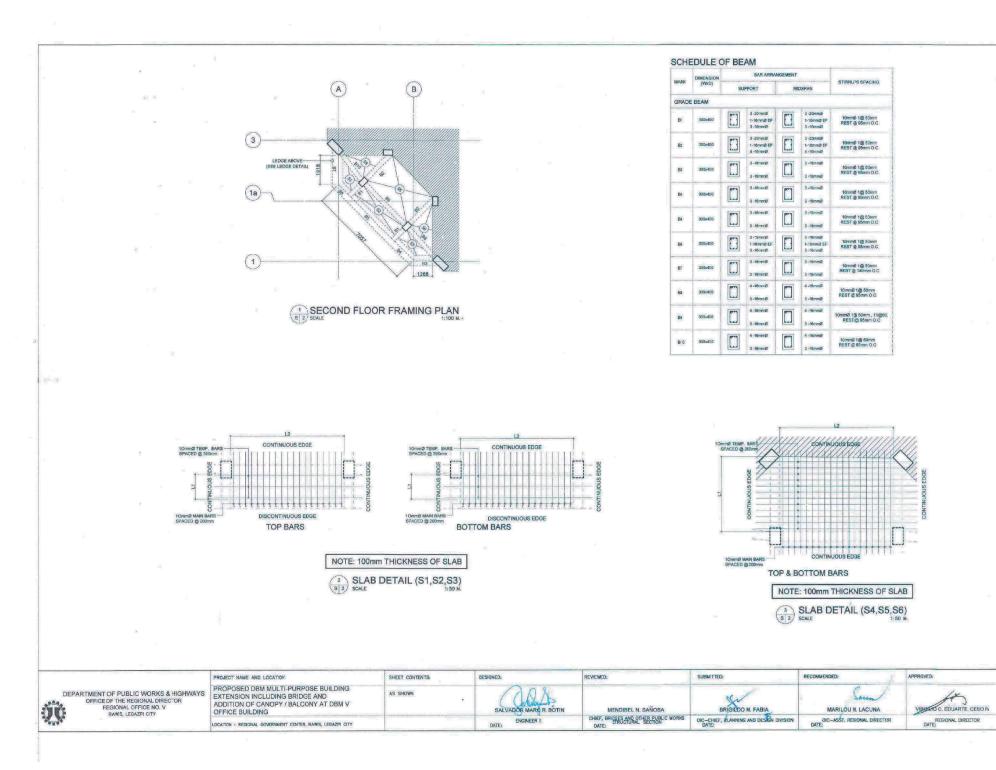












SET NO .:

S2

2

SHEET NO.

23

25

