


PHILIPPINE BIDDING DOCUMENTS



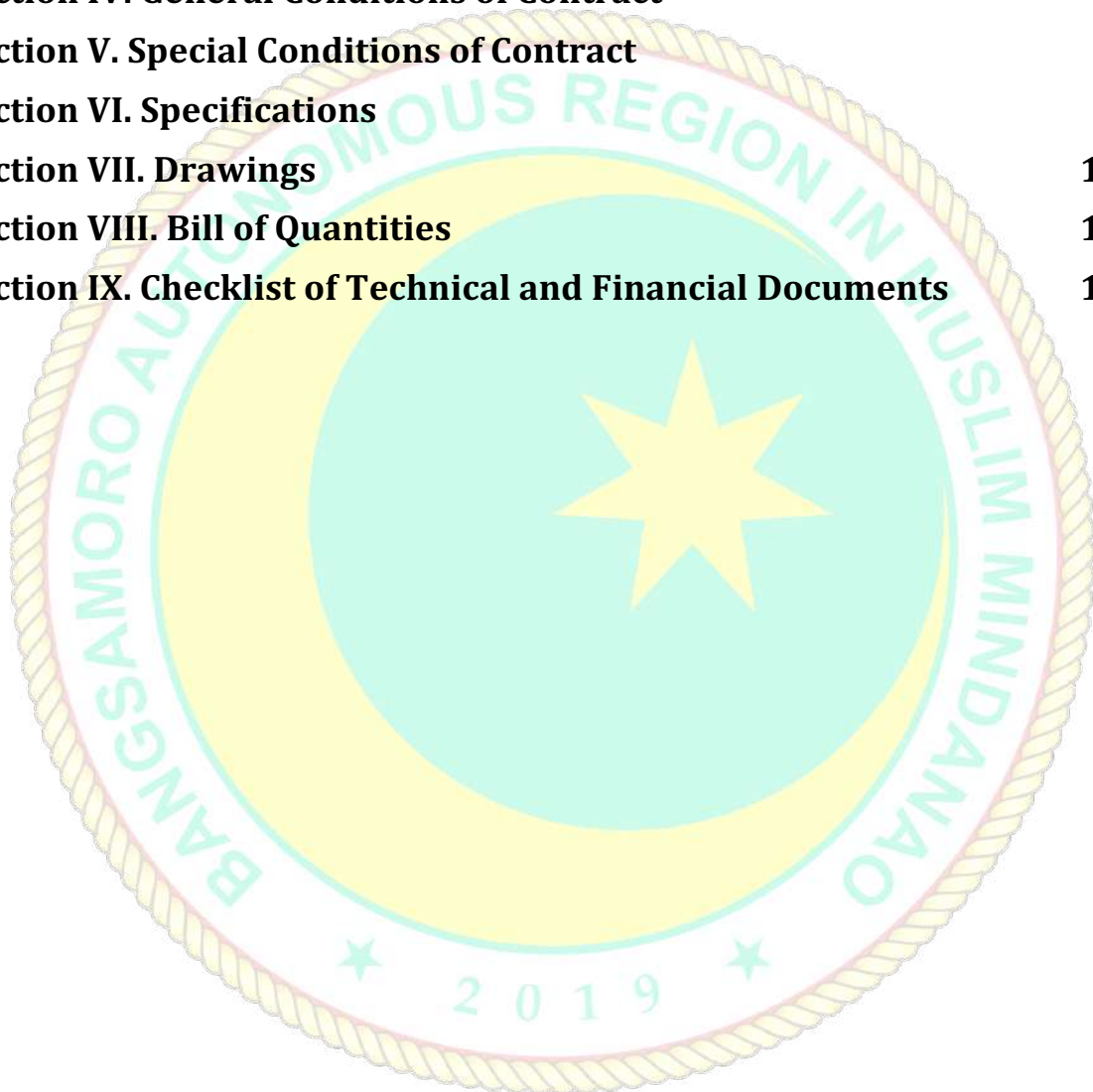
CONSTRUCTION OF REGIONAL YOUTH DEVELOPMENT TRAINING CENTER IN TAMONTAKA, BUBONG ROAD, COTABATO CITY

Government of the Republic of the
Philippines

**Sixth Edition
July 2020**

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Section I. Invitation to Bid



Republic of the Philippines
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
OFFICE OF THE CHIEF MINISTER
BIDS AND AWARDS COMMITTEE
SPECIAL DEVELOPMENT FUND

Bangsamoro Government Center, Governor Gutierrez Avenue, Rosary Heights VII, Cotabato City 9600

Invitation to Bid for the
Construction of Regional Youth Development Training
Center in Tamontaka, Bubong Road, Cotabato City

IB No.: SDF-032024-01

1. The **Office of the Chief Minister, Bangsamoro Autonomous Region in Muslim Mindanao (OCM-BARMM)**, through the **Special Development Fund of 2021** intends to apply the sum of **Nineteen Million Six Hundred Thousand Pesos (PHP 19,600,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the **Construction of Regional Youth Development Training Center in Tamontaka, Bubong Road, Cotabato City**.
Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
2. The **OCM-BARMM** now invites bids for the above Procurement Project. Completion of the Works is required **300 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 non-discretionary “pass/fail” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **OCM-BARMM** and inspect the Bidding Documents at the address given below from **8:00 AM – 5:00 PM**.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **March 26 to April 18, 2024, 8:30 a.m.**, from the given address and website(s) below upon payment of the applicable fee for the Bidding Documents, in the amount of **Twenty-Five Thousand Pesos (PHP 25,000.00)**, pursuant to the latest Guidelines issued by the GPPB. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

The bidder or its duly authorized representative shall present the following documents when purchasing the bidding documents, to wit:

- a. Letter of Intent;
 - b. Proof of Authority. i.e., Special Power of Attorney or Secretary’s Certificate; and
 - c. Valid Government issued I.D of the owner or its duly authorized representative.
6. The OCM-BARMM will hold a **Pre-Bid Conference¹** on **April 4, 2024, 9:00 a.m.** at **3rd floor, Bangsamoro Development and Authority (BPDA) Conference Hall 1, BPDA, Bangsamoro Government Center, Cotabato City** and via **Zoom Teleconference** which shall be open to prospective bidders. The zoom details may be requested at ocmbac@bangsamoro.gov.ph.
7. Bids must be duly received by the BAC Secretariat through manual submission at **3rd floor, Bangsamoro Development and Authority (BPDA) Conference Hall 1, BPDA, Bangsamoro Government Center, Cotabato City**, on or before **April 18, 2024, 8:30 a.m.** Late bids shall not be accepted.

All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

8. Bid opening shall be on **April 18, 2024,9:00 a.m.** at **3rd floor, Bangsamoro Development and Authority (BPDA) Conference Hall 1, BPDA, Bangsamoro Government Center, Cotabato City**. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.
9. The **OCM-BARMM** 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.
10. **For further information, please refer to:**

<ul style="list-style-type: none"> a. Sale of Bidding b. Query on How to submit bids c. Links for online connectivity for procurement activities d. Written Clarifications on the project 	<p>Bids and Awards Committee Secretariat ocmbac@bangsamoro.gov.ph 0917-831-7214</p>
<p>Plans, Drawings, and Bill of Quantities</p>	<p>Special Development Fund-PMO (064) 557-2797 sdf@bangsamoro.gov.ph</p>

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

11. You may visit the following websites:

For downloading of Bidding Documents:

<https://bangsamoro.gov.ph/transparency/bids-and-awards-committee/#ITB>

Originally signed

MOHD ASNIN K. PENDATUN

Chairperson, Special Bids and Awards Committee



Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **OCM-BARMM** invites Bids for the **Construction of Regional Youth Development Training Center in Tamontaka, Bubong Road, Cotabato City**, with Project Identification Number SDF-032024-01.

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 **SPECIAL DEVELOPMENT FUND OF 2021** in the amount of **PHP 19,600,000.00**.

2.2. The source of funding is: **NGA, the General Appropriations Act or Special Appropriations.**

3. Bidding Requirements

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

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

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

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

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive,

coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

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

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

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

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that: **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 **Bajau Hall, 2F Office of the Chief Minister-BARMM, Bangsamoro Government Center, Gov. Gutierrez Avenue, Cotabato City** 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: 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 THE BID SUBMISSION**. 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.

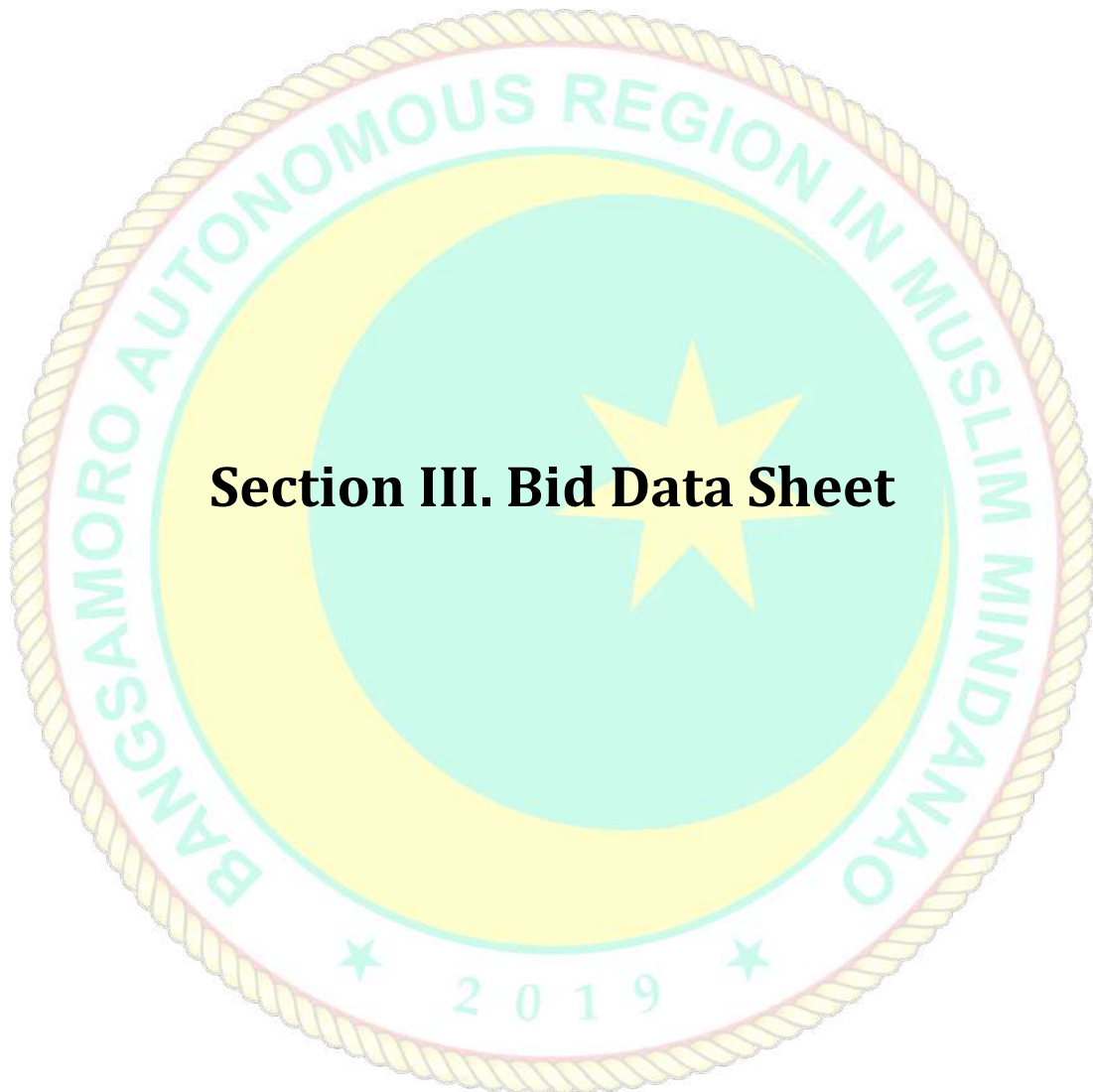
20. Post Qualification

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

ITB Clause																					
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <ul style="list-style-type: none"> a. Construction of Building or any other contracts analogous thereto; and b. at least equivalent to the 50% of the ABC. <p>However, contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.</p>																				
7.1	Not applicable.																				
10.3	<p>PCAB License Requirement is:</p> <p>Size Range : Small B License Category: C&D</p>																				
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;">Key Personnel</th> <th style="width: 35%;">General Experience</th> <th style="width: 35%;">Minimum Relevant Experience</th> </tr> </thead> <tbody> <tr> <td>1 Project Engineer</td> <td style="text-align: center;">Construction</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td>1 Safety Officer</td> <td style="text-align: center;">Construction</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td>1 Materials Engineer</td> <td style="text-align: center;">Material Testing</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td>1 Construction Foreman</td> <td style="text-align: center;">Supervision</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td>1 Electrician</td> <td style="text-align: center;">Construction</td> <td style="text-align: center;">3 years</td> </tr> </tbody> </table>			Key Personnel	General Experience	Minimum Relevant Experience	1 Project Engineer	Construction	5 years	1 Safety Officer	Construction	3 years	1 Materials Engineer	Material Testing	3 years	1 Construction Foreman	Supervision	5 years	1 Electrician	Construction	3 years
Key Personnel	General Experience	Minimum Relevant Experience																			
1 Project Engineer	Construction	5 years																			
1 Safety Officer	Construction	3 years																			
1 Materials Engineer	Material Testing	3 years																			
1 Construction Foreman	Supervision	5 years																			
1 Electrician	Construction	3 years																			

10.5	The minimum major equipment requirements are the following:		
	Equipment	Minimum Specification	Minimum Number of Units
	Dump Truck	12 cu. yd.	2
	One Bagger Mixer	4-6 cu.ft/min	1
	Plate Compactor	5 hp	1
	Concrete Vibrator	5 hp	1
	Bar Cutter	20-mm. capacity	1
	Bar Bender	20-mm. bending radius	1
	Welding Machine	500A	1
	Cutting Outfit	-	1
	Backhoe	7,800 kg o.w.	1
<p>Availability of all the equipment listed herein shall always be ensured giving priority to this project and further committing that no delay shall transpire due to its absence whatsoever.</p> <p>Presentment of proof of ownership, lease or possession of all the equipment effective within the duration of this project shall be made upon bid submission.</p>			
12	Not applicable.		
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <p>a. The amount of not less than two percent (2%) of the ABC for each LOT, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than five percent (5%) of the ABC for each LOT if bid security is in Surety Bond.</p>		
16	<p>Each Bidder is requested to submit one (1) original copy and two (2) certified true copies certified by the owner or its duly authorized representative whose full name and designation should be indicated below the signature.</p> <p>With respect to the documents those are emanating from the bidder should be originally signed by the owner or its duly authorized representative, to wit: Statement of all ongoing government and private contract, Statement of Single Largest Completed Contract, Bid Securing Declaration, Technical Specifications, Omnibus Sworn Statement, Net Financial Contracting Capacity, Bid Form, Bill of Quantities, Detailed Estimates including summary sheet, and Cash Flow by Quarter.</p> <p>Each bidder shall submit its bid proposal to a one mother envelope that shall contain three (3) more envelopes containing 3 copies of its technical and financial documents. Each of the 3 envelopes shall contain two more envelopes labeled as technical and financial components. The envelopes must be properly and separately marked and sealed.</p>		
19.2	Partial bids are not allowed.		
21	<p>The following documents shall be submitted by the winning bidder within ten (10) calendar days from receipt of the Notice of Award:</p> <p>1. Program of Works</p>		

2. Manpower schedule;
3. Equipment/tools utilization schedule;
4. Construction safety and health program approved by MOLE;
5. S-Curve; and
6. PERT-CPM.





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	n/a
4.1	n/a
7.2	Fifteen (15) years.
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 ten (10) 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 [insert amount].
13	The amount of the advance payment shall not exceed 15% of the total contract price and schedule of payment.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which operating and maintenance manuals are required upon substantial completion. The date by which "as built" drawings are required upon substantial completion.
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 [amount in local currency].

Section VI. Specifications

INTRODUCTION

The Drawings/Plans and Specifications are complementary to each other. Drawings are graphic means of showing work to be done. They are particularly suited to showing where materials are located. Thus, drawings exist essentially to show dimension, location, and placement. Not all works, however, can be presented in the drawings. Generalized works are usually in statement form and hence, the contractor is required to read the Specifications carefully.

Specifications, on the other hand, are used to describe the materials, construction techniques, samples, shop drawings, guarantees, and other contract requirements. Together, the drawings and the Specifications are used to inform the contractor. In cases where the specified brand carries the manufacturer's specifications, the manufacturer's specifications shall hold precedence over these Specifications.

The following are the underlying principles of these Specifications:

1. The technical Specifications are only one part of the Contract Documents;
2. The Contract is between the Procuring Entity and the General Contractor; and
3. The General Contractor is the only party responsible for completing the work in accordance with the Contract Documents.

Therefore:

1. Only the General Contractor is referred to in the Specifications so as not to violate the intent of the contract and so as not to undermine the proper chain of command.
2. Any reference to Specialty Trade Contractors in the technical Specifications is made only insofar as the selection of Specialty Trade Contractors is made through bidding. Once the Specialty Trade Contractors are selected and assigned to the General Contractor, the General Contractor assumes all the responsibilities for the execution of the whole project in accordance with the Contract Documents. Therefore, in the contract between the Owner and the General Contractor, the Specialty Trade Contractor is not referred to. In all contract Documents, the word "Contractor" means the General Contractor.
3. The brand names specified are intended to assure the level of quality needed for the project. This does not mean however that the brands specified are exclusive. The Contractor shall prove by laboratory tests and certificates that substitute materials are of the equivalent quality and the Contractor shall secure the Architect's approval prior to use of such substitutes.
4. The omission of the phrase "The Contractor shall" is intentional because the whole Specifications are directed to the Contractor. Omitted words or phrases shall be

supplied by inference in the same manner as they are when a “note” occurs on the plans.

5. Where “as shown,” “as indicated,” “as detailed” or words of similar import are used, it shall be understood that reference to the plans accompanying the Specifications is made unless otherwise stated.
6. Where “as directed “, “as required,” “as permitted,” “as authorized,” “as approved, accepted” or words of similar import as used, it shall be understood that the direction, requirements, permission, authorization, approval, or acceptance of the Architect is intended unless otherwise stated.
7. As used herein, “provided” shall be understood to mean “provided complete in place,” that is, “furnished and installed.”
8. Most sentences are in the imperative mood. This style is especially suited for instructions covering the installation of products and equipment.

CLARIFICATIONS

All reference to any brand, material, equipment, or systems in the Specifications, plans, and bid documents is indicative of the type and quality of what is required. However, any equal material, equipment, or system can be used.

The list of items of work provided in the scope of works does not in any way limit the responsibility of the Contractor to perform all other works necessary for the completion of the project.

A. GENERAL CONDITIONS DESCRIPTION OF THE PROJECT

Complete all works for the Construction of Regional Youth Development Training Center in Tamontaka, Bubong Road, Cotabato City, including the supply of all materials, equipment, and systems, as well as the performance of all necessary labor and processes, in accordance with the plans, the Bidding Documents, the Terms of References, and other related contract documents.

The contractor is not limited to the scope of works listed. They should verify all plans and actual conditions for the necessity of work. If the actual situation calls for demolition, removal, and relocation, he shall include such and all concomitant works to finish as part of the scope of work.

Any discrepancies found between the plans and Specifications and the site conditions or any errors or omissions in the plans or Specifications should be clarified with the Consultant/Engineer/ Representative from the Procuring Entity.

Should the contractor fail to verify or clarify discrepancies, errors, conflicts, or omissions in the plans and specifications, it shall be deemed that the contractor has included in the preparation of his bid the necessary works, materials, or items needed to satisfy the general scope of works.

B. SCOPE OF WORK

1. General Requirements

- 1.1 Furnish all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor, and supervision required for the complete construction of the subject project, as shown on the plans and called for on these Specifications, ready for use.
- 1.2 Inspect the site of works before submitting a proposal for this project. All proposals shall take into consideration all such conditions that may affect the work under this contract. The Specifications and plans shall form part of one. Anything mentioned on the plans and not mentioned on the scope of work and Specifications and vice versa shall be properly consulted to the Procuring Entity Project Architect/Engineer for clarification. Any work or materials not in accordance with the plans or Specifications shall be replaced to comply with the plans and Specifications at the Contractor's expense.
- 1.3 Coordinate work with all parties to ensure proper phasing or compliance with the approved schedule of work. Engage a registered Engineer or Architect to supervise his work. He shall remain at all times in the construction site.
- 1.4 A logbook shall be available at the site. It shall contain the daily activities on the site, including but not limited to weather conditions, delivery, manpower, and other matters pertaining to the condition of the project. It will also serve as the data for the contractor and the Project Inspector and shall be surrendered to the Procuring Entity at the end of the project.
- 1.5 Daily accomplishment reports shall be prepared, supported with progress photographs and S-curves to monitor actual progress status reports and to be used as the basis for progress billing.
- 1.6 Submit additional detailed plans and analyses as required, which are necessary for the faithful completion of the works.
- 1.7 No alteration or additional work that will result in an additive or deductive cost change from the Contract shall be allowed without the approval of the Head of the Procuring Entity.

- 1.8 Inspection of the Project Engineer/Architect in charge shall be required prior to the installation of any item/material on the construction.
- 1.9 Regular coordination meetings shall be conducted with the OCM and the SDF-PMO, Contractor, and Owner/End-user for proper project monitoring.
- 1.10 Existing conditions of the work site shall be documented by the contractor and photos shall be taken before the commencement of work to ensure such status. Any damage to the areas due to the Contractor's ongoing work shall be restored at his expense.
- 1.11 Promptly remove from the premises all rubbish, trash, debris, and all superfluous building materials weekly. After the completion of all works, restore all areas that were damaged or affected by the construction works and leave the site clean to the satisfaction of the Project Inspector or his representative and the Owner/End-user.
- 1.12 All materials removed from the unit shall be properly documented prior to turn-over to the Owner/End-user for proper safekeeping. The turnover document shall be attached to the contractor's final billing.

2. Mobilization/Demobilization

- 2.1 Mobilize and bring out into work, all personnel, plant, and equipment, in accordance with his approved construction program, equipment moving and utilization schedule, and manpower schedule, from its regular place of business to the site to undertake the contract.
- 2.2 Mobilization shall include the obtaining and transporting to the site of the equipment, materials, tools, personnel, construction plant, and all necessary items for the execution and completion of the work and shall also include the setting up and verification of all equipment, instrument, and all other plants until it is rendered operable.
- 2.3 It shall also include sufficient supply of spare parts for the construction plant. Breakdowns are to be repaired on-site by the most expeditious method possible at no cost to the Procuring Entity. In the event, that repairs are beyond the personnel or tools at the site to effect repairs in a reasonable time, such that the construction plant must be removed from the site, then a replacement of machine or plant or equipment of a similar capacity shall be provided by the contractor at no additional mobilization costs to the Procuring Entity nor extension of completion of works.
- 2.4 Demobilization shall include dismantlement and removal from the site of the Contractor's plant, materials and equipment, and all temporary facilities. It shall also include clean-up of the site after completion of the contract as

approved by the Project Manager and transportation from the site of the Contractor's personnel.

3. Permits/Temporary Facilities

- 3.1 Provide and maintain field office/s including all the necessary utilities such as electricity, water, drainage, security, safety requirements, and other temporary works necessary for the successful completion of the work. The cost for all the utilities shall be borne by the Contractor.
- 3.2 Temporary facilities shall have sufficient area that will accommodate the offices for the Contractor and the Procuring Entity's representative, a storage area, complete with toilet fixtures and interior finishes.
- 3.3 Temporary facilities shall include a stockpile area for bulky construction materials. The ground area shall be appropriately maintained, improved, and leveled to provide mobility and easy access for identification and inspection of materials.
- 3.4 The facilities shall conform to the best standard for the required types and shall include office equipment, apparatus, pieces of furniture, and other tools necessary for the prosecution of the work.
- 3.5 Provide all necessary safety tools, identifications, uniforms, and equipment for the workers and staff in accordance with the Safety Standard. Provide construction safety barricades along the perimeter of and/or within the project site. The type and material of these barricades shall be subject to the approval of the Procuring Entity.
- 3.6 Temporary facilities shall be dismantled and removed from the site after completion of the contract.

4. Earthworks

- 4.1 *Site Clearing.* Debris, shrubs, and other unsuitable materials shall be removed.
- 4.2 *Cut and Fill.* Cut and fill shall be done to elevations where required.
- 4.3 *Stakeout.* All lines and grades as shown on the plans be established before the excavation is started. Basic batter boards and reference works shall be placed at such place where they will not be disturbed during foundation works.

4.4 *Excavation*. Excavation for foundations shall be made to grades as indicated on plans. Excavations shall be made deeper until the general or desired stratum for the safe bearing capacity of soil is reached.

4.5 *Backfill*. Works include backfilling and compaction of excavated materials.

4.6 *Gravel fill*. Works include filling of 50mm thick layer of gravel at column footings and footing tie beams prior to concrete pouring.

4.7 *Pest Control/ Soil Poisoning*. Work includes furnishing and applying termite control chemicals, including the use of equipment and tools in performing such operations in accordance with the Specification.

5. Concrete Works

5.1 *Concreting*. Works include concreting of column footings, footing tie beams, columns, beams, and slabs as specified in the plans and Specifications.

5.2 *Reinforcing Steel Bars (RSB)*. Works include the provision of reinforcing bars for footings, footing tie beams, columns, beams, and slabs as specified in the plans and Specifications, all sizes of reinforcing bars shall be as specified in the plans.

5.3 *Formworks*. Works include the provision of formworks for all concrete works.

6. Masonry Works

6.1 *CHB Laying*. Work includes laying of 100mm and 150mm thick CHB, and mortar and filler, as specified in the plans and specifications.

6.2 *Plastering Works*. Provide plain cement finish as specified in the plans and specifications.

7. Carpentry Works

These include the supply and installation of ceiling, installation of comfort room partitions, and supply and installation of cabinets under sinks.

8. Roofing Works

8.1 *Roof Framing*. Supply and install trusses, fascia board, and other roof structures in accordance with plans and as herein specified.

8.2 *Roofing and Tinsmithry*. Supply and install roofing sheets, gutters, ridge roll, flashing, and other roof accessories in accordance with plans and as herein specified.

9. Finishing Works

- 9.1 *Tileworks*. Supply and install tiles on all rooms, stairs, ramps, and other areas, in accordance with plans and as herein specified. Apply all other materials such as tile grout for the complete and satisfactory execution of work. On stairs, supply and install stair nosing.
- 9.2 *Ceiling*. Furnish all ceiling finishes, equipped with fixing accessories in accordance with plans and/or shop drawings and as herein specified.
- 9.3 *Paints and Coatings*. Furnish all paints, enamels, varnishes, and other products to be used including labor, tools, and equipment required as shown on the plans and in accordance with these Specifications. Upon completion of the project, all paint spots from all finished works shall be removed. Clean off all glass from paint spots, smears, and blemishes.
- 9.4 *Waterproofing*. Apply waterproofing on comfort rooms and all other areas requiring such in accordance with plans and as herein specified.

10. Fabricated Materials and Hardware

This includes the fabrication and installation of doors, windows, door jambs, hardware fabrication and installation of cabinets, and provision of steel grilles as specified in the plans and Specifications.

11. Plumbing and Sanitary Works

- 10.1 Supply and install complete plumbing and sanitary systems, including fixtures, fittings, appurtenances, and piping systems, among others, as specified in the plans and Specifications, including testing. The use of low-flow fixtures is recommended. Complete installation shall mean not only the major equipment and apparatus conveyed in these Specifications but all the incidental and sundry components necessary for the complete execution of the works and for the proper operation of the installation, whether these supply components are mentioned in detail in these Specifications or not.
- 10.2 Supply and furnish all materials brand new and of superior quality.
- 10.3 Tap water line from the water source.

12. Electrical Works

These include layout and installation of roughing-ins, wires and wiring devices, supply and installation of lighting and other electrical fixtures, panel board and cabinets, provision of conduits, utility box cabinets, and other accessories, as specified in the plans and Specifications, including testing with commissioning if needed.

13. Post Construction Works Including Testing & Commissioning.

These include the testing of all electrical, plumbing/sanitary systems, and other systems that have been installed to provide the end-users with a high level of assurance that all equipment and machinery are installed in a prescribed manner.

C. SPECIFICATIONS

All plans - small scale and detail drawings, are intended to collaborate with the Specifications and to form a part thereof, where figures are given, they are to be followed in preference to measurement by scale. Anything shown in the plans and not mentioned in the Specifications or vice-versa or anything not expressly set forth in either, but which is reasonably implied shall be furnished and installed as thought specifically shown in mentioned both.

1. Primary Specifications

The DPWH Standard Specifications for Public Works and Highways (“Blue Book”) shall be the main basis for the standards and codes to be met by the goods and materials to be furnished and work performed or tested for the Contract. In particular, Volume III of the Blue Book shall be used. The Blue Book incorporates standards of the American Association of State Highway and Transportation Officials (AASHTO), American Society for Testing and Materials (ASTM), and American Concrete Institute (ACI), among others, pertaining to construction.

Modifications of and additions to standards and codes as stated in the DPWH Standard Specifications for Public Works and Highways, are included in the enclosed Supplemental Specifications, which is part of these Bidding Documents.

2. Supplemental Specifications

2.1 Plumbing and Sanitary Works

2.1.1 All plumbing works shall be executed according to the provisions of the Revised National Plumbing Code of the Philippines, Uniform Plumbing Code, and local rules and regulations.

2.1.2 All pipes shall be installed as indicated on the approved construction drawings. Any relocation for proper execution of other trades shall have prior approval of the engineer.

2.1.3 Corresponding adjustments in the alignment or location of the underground utilities will be done and/or shown by the Contractor thru shop drawings approved by the authorized engineer.

2.1.4 Omissions from the drawings or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings or which are customarily performed shall not relieve the

contractor from performing such omitted or misdescribed details of the work but shall be performed as if fully and correctly set forth and described in the drawings.

2.1.5 All pipe diameters indicated are of nominal diameter in millimeters unless otherwise specified in the plans.

2.1.6 Proposed utilities shall conform to the actual location, depth, and invert elevation of all pipes and structures verified by the Contractor.

2.1.7 Verify all existing utilities at the site and the works with drainage and sewer effluent point and the water line connecting point.

2.1.8 Run all horizontal piping in perfect alignments and at uniform grade of not less than 1% for pipe sizes 100-mm in diameter and larger and 2% for pipe sizes 75-mm in diameter and smaller.

2.1.9 For proposed utilities that will cross existing pavement, restore the surface to the original.

2.1.10 All horizontal vent pipes forming branch vents shall be at least 152 mm above the flood level rim of the highest fixture served.

2.1.11 Soil, waste, vent, and drain pipes shall be polyvinyl chloride (PVC) pipes conforming to ASTM D1784.

2.1.12 Cold and hot water piping systems shall be polypropylene (PPR) "Wexan" pipes.

2.2.13 Gate valve and check valve shall be MSS - SP 80.

2.2.14 For floor drains, deck drains, and balcony drains, use METMA or approved equal.

2.2 Electrical Works

2.2.1 All electrical works shall be done in accordance with the requirements of the latest edition of the Philippine Electric Code, the rules and regulations of the National Building Code and requirements of the utility company in the area. Nothing contained in these Specifications or shown on the plan shall conflict with the requirements of these codes, any discrepancies should be consulted to the Project Inspector/Electrical Engineer.

2.2.2 All materials and equipment to be used and installed hereunder shall be of the approved type bearing the stamp or approval of the proper authorities concerned. Locally made or constructed materials shall first

be approved before installation. Furthermore, all materials to be used shall be new and of the approved type for location and purpose.

2.2.3 All works shall be done in workmanlike manner and should present a neat and mechanical appearance when completed.

2.2.4 Restoration and repainting of damaged ceiling and exposed conduits shall be the Contractor's liability.

2.2.5 Unless otherwise specified, the size of wire and pipe to be used shall be 3.50 sq. mm. thin THHN and 15 mm. DIA, respectively.

2.2.6 The method of wiring shall be concealed using tubeworks on walls, ceiling and partitions.

2.2.7 All wires including service entrance shall be plastic insulated for 600V working pressure and should be PS Mark.

2.2.8 The nature of electrical service to be supplied shall be 2 wire, 220V, single phase, 60 Hz, line-to-line.

2.2.9 All electrical installations shall be done under the direct supervision of a duly registered electrical engineer.

D. GUARANTEE

The Contractor shall guarantee all works under these Specifications to be free from any technical, material, workmanship, and/or factory defects and shall replace and repair to the satisfaction of the Project Architect/Engineer of the Procuring Entity in any part or portion of the work which may fail within a period of one (1) year after the final acceptance of the project.

E. OTHERS

The Contractor must have a Project Engineer who will supervise the project onsite. The Contractor shall inform the Procuring Entity in case of replacement/changes of personnel assigned at the project site. The replacement must have relevant qualifications and abilities equal to or better than those of the personnel as evidenced by his/her training certification to be submitted to GSD.

Demolitions and repairs due to the Contractor's fault shall be done by the Contractor without extra compensation to the Owner.

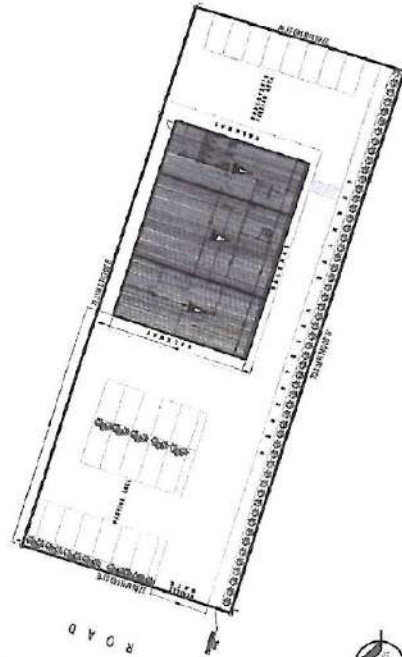
As soon as the project is satisfactorily inspected and it conforms to the plans and Specifications, the Contractor shall submit to the Procuring Entity a written notice that said project is completed and is subject to the latter's approval.

Five copies of “As-Built Plans” must be submitted not later than 7 days after project completion.

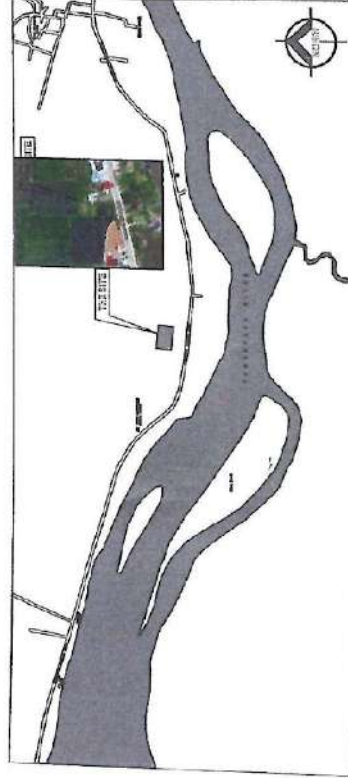
Section VII. Drawings



PERSPECTIVE



SITE DEVELOPMENT PLAN
SCALE 1:250MM



LOCATION MAP

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Mechanical	

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF BUILDING OFFICIAL	
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DATE	
LAND USE AND ZONING	
APPROVE BY:	
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LINE AND GRADE	
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SANITARY	
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MECHANICAL	
APPROVE BY:	
DATE	

APPROVED BY:	ENGR. MOHAMMAD ALI AL-MINSA PROJECT MANAGER
RECOMMENDED BY:	ENGR. MOHAMMAD ALI AL-MINSA PROJECT MANAGER

PREPARED BY:	ENGR. ESMERALDO J. PINE PROJECT MANAGER
REVIEWED BY:	ENGR. ESMERALDO J. PINE PROJECT MANAGER

PROJECT TITLE:	REGIONAL YOUTH DEVELOPMENT TRAINING CENTER
TAMONTAKA BUSONG ROAD, COTABATO CITY	

REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PWD BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	PROJECT NO. A-01 A-08
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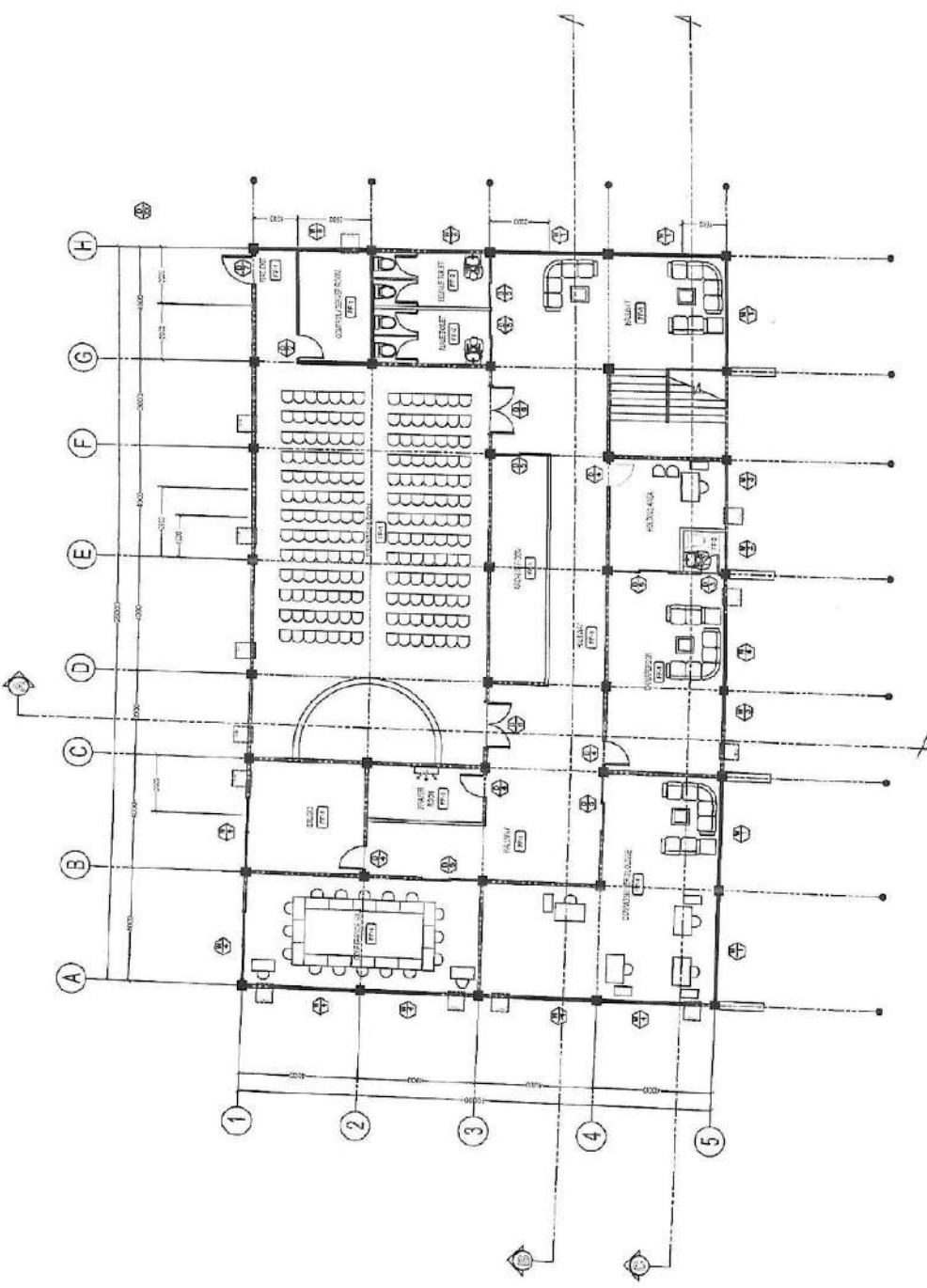
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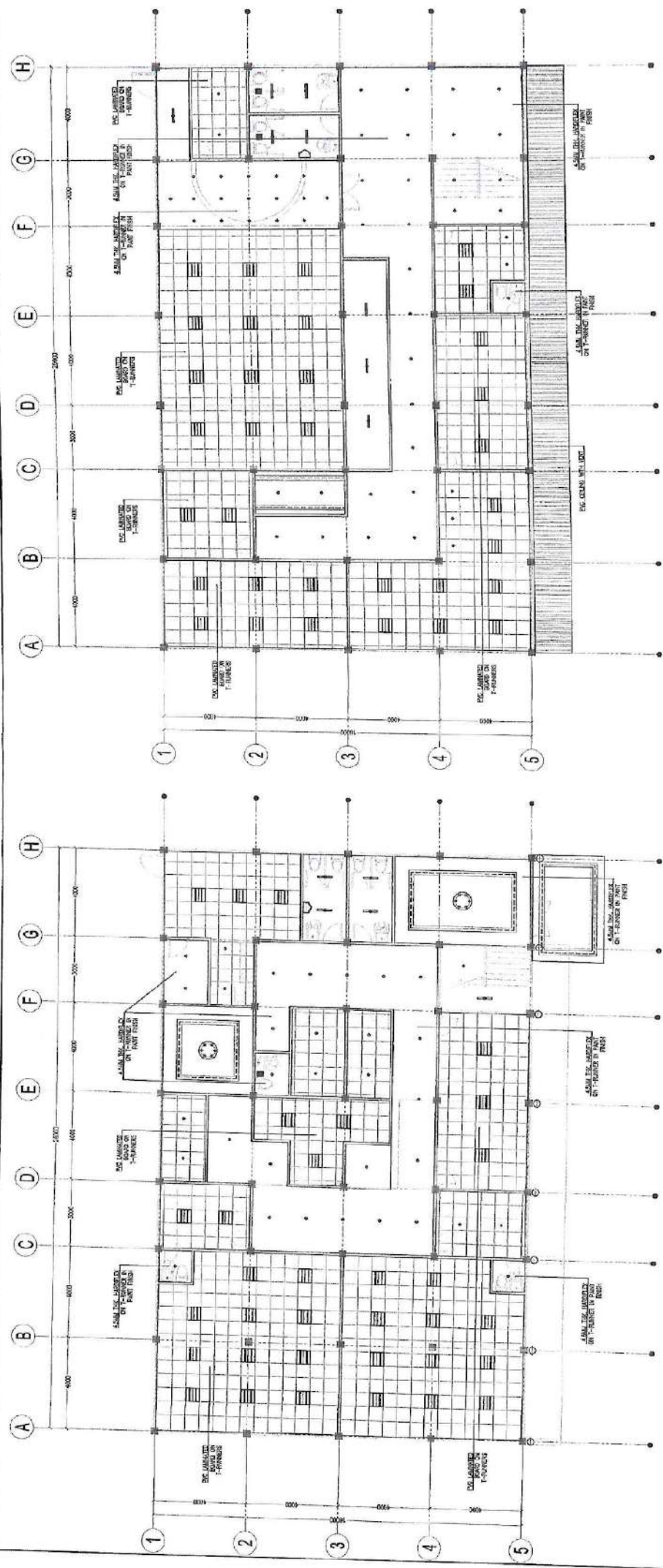


SECOND FLOOR PLAN
SCALE 1:100MM

	PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER	PREPARED BY ENGR. HUMSHORE M. MALULINTAO, JR. PROJECT COORDINATOR (SDF-PMU)	REVIEWED BY ENGR. MOHAJIRIN T. ALI, JNSA PROJECT MANAGER (SDF-PMU)	APPROVED BY ABDULLAH M. CUSANI ASSISTANT Senior Minister	SHEET NO.: A-03 A-08
	LOCATION: TAMONTAKA, BULBONG ROAD, COTABATO CITY	PROJECT COORDINATOR (SDF-PMU) ENGR. HUMSHORE M. MALULINTAO, JR.	PROJECT MANAGER (SDF-PMU) ENGR. MOHAJIRIN T. ALI, JNSA	ASSISTANT Senior Minister ABDULLAH M. CUSANI	

DESIGNATION

- REINFORCER
- RECESSED LIGHT
- CANTER
- REINFORCEMENT
- WALL OUTPOST
- DRAINAGE



GROUND FLOOR REFLECTED CEILING PLAN
SCALE 1:100MM

SECOND FLOOR REFLECTED CEILING PLAN
SCALE 1:100MM



REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
REGIONAL YOUTH DEVELOPMENT
TRAINING CENTER
TAMCITRKA BULBONG ROAD, COTABATO CITY

PREPARED BY:
ENGR. ESMAIL M. CUSAIN
PROJECT COORDINATOR

REVIEWED BY:
ENGR. MOHAMMAD T. ALI, MNSA
DEPUTY MANAGER ON CELESTATION

RECOMMENDED BY:
ENGR. MOHAMMAD T. ALI, MNSA
PROJECT MANAGER

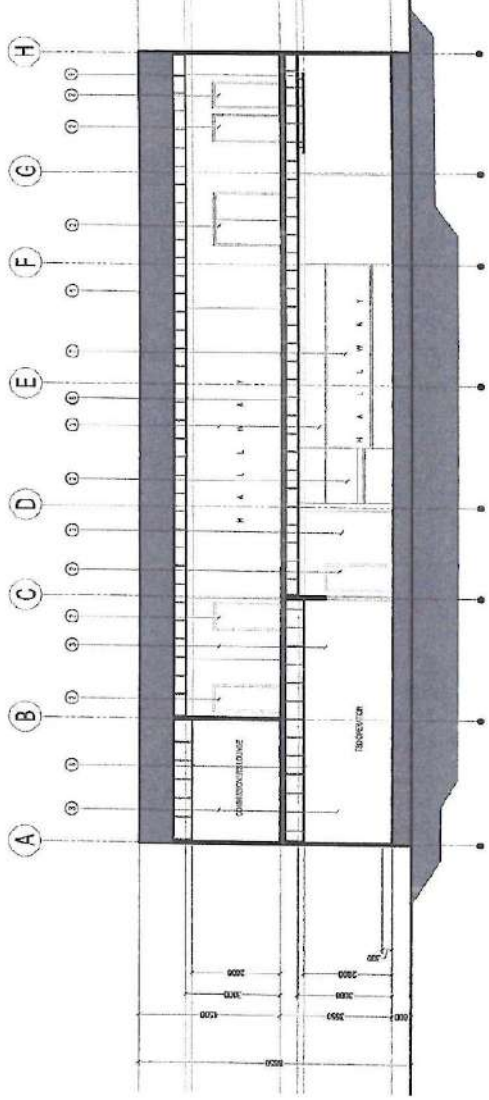
APPROVED BY:
ABDULLAH M. CUSAIN
ASSISTANT SENIOR MINISTER

SHEET NO.:
A-04
A-08

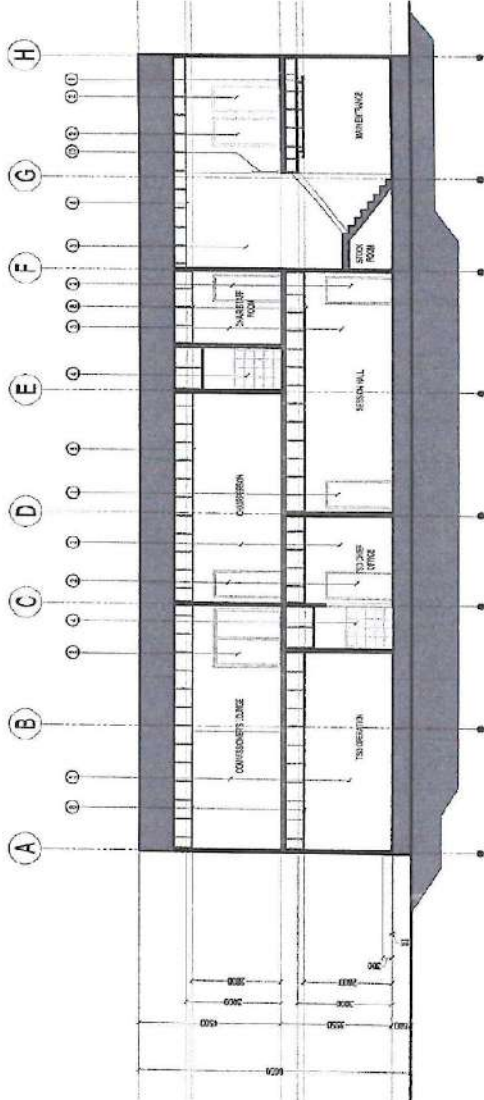
DESIGNATION

- 1. SEE SECTION IN TASKS
- 2. SECTIONS AND ROOMS SCHEDULE
- 3. CEILING FINISHES
- 4. CONCRETE WALL FINISHES
- 5. PLASTER
- 6. WALL FINISHES
- 7. FLOOR FINISHES
- 8. CEILING FINISHES
- 9. SEE PLAN FINISHES AND DETAILS

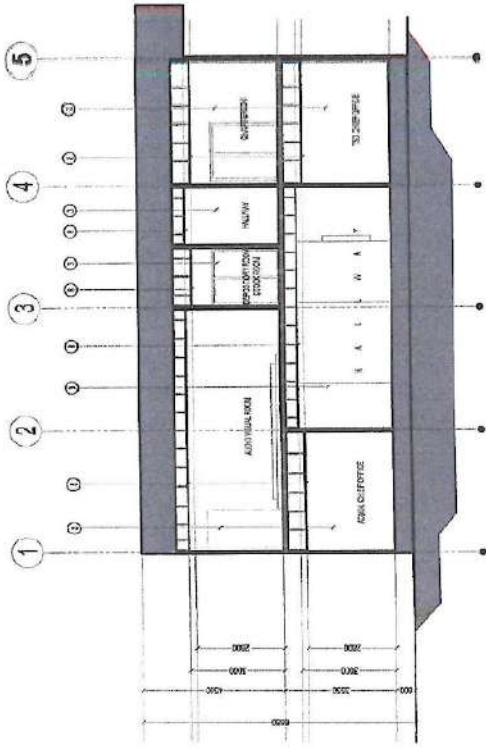
- 1. DIRECTING
- 2. HANDLING
- 3. ESTIMATING
- 4. CHECKING
- 5. DESIGNING
- 6. DRAWING
- 7. SUPERVISION
- 8. ESTIMATION
- 9. SEE PLAN FINISHES AND DETAILS



SECTION THRU A
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SECTION THRU B
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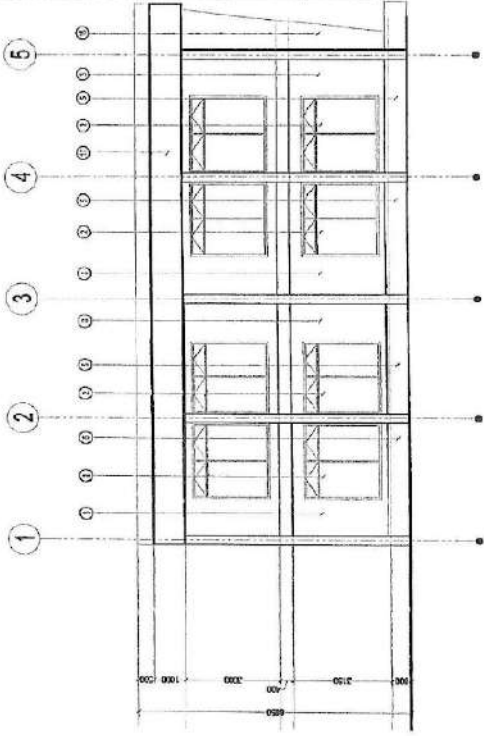


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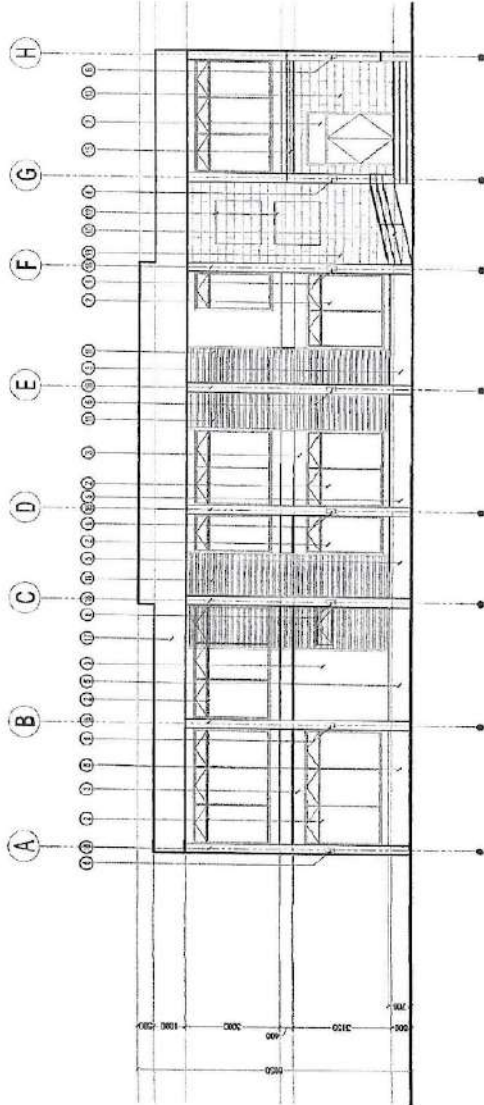
 <p>REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER</p>	<p>PREPARED BY: ENGR. HUSHAH M. MANILINTAO JR. PROJECT CHIEF (ARCHITECT)</p>	<p>RECOMMENDED BY: ENGR. MOHAMMAD T. ALI, RMA PROJECT MANAGER (CONSTRUCTION)</p>	<p>APPROVED BY: ABDULHAMID CUSMAN ASSISTANT SENIOR MINISTER</p>	<p>BHEET NO.: A-05 A-08</p>
	<p>TAMONTANA BIBONG ROAD, COTABATO CITY</p>	<p>ENGR. ESMAEL S. SOSP PROJECT COORDINATOR (ARCHITECT)</p>	<p>ENGR. MOHAMMAD T. ALI, RMA PROJECT MANAGER (CONSTRUCTION)</p>	<p>ENGR. MOHAMMAD T. ALI, RMA PROJECT MANAGER (CONSTRUCTION)</p>	<p>ENGR. MOHAMMAD T. ALI, RMA PROJECT MANAGER (CONSTRUCTION)</p>

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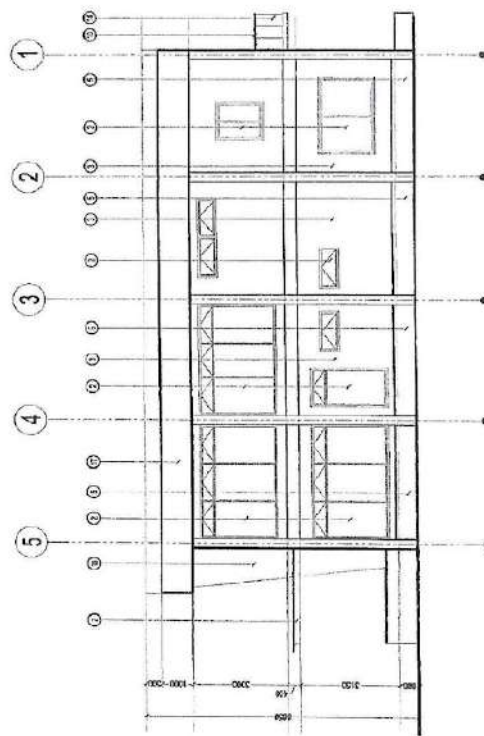
DESIGNATION



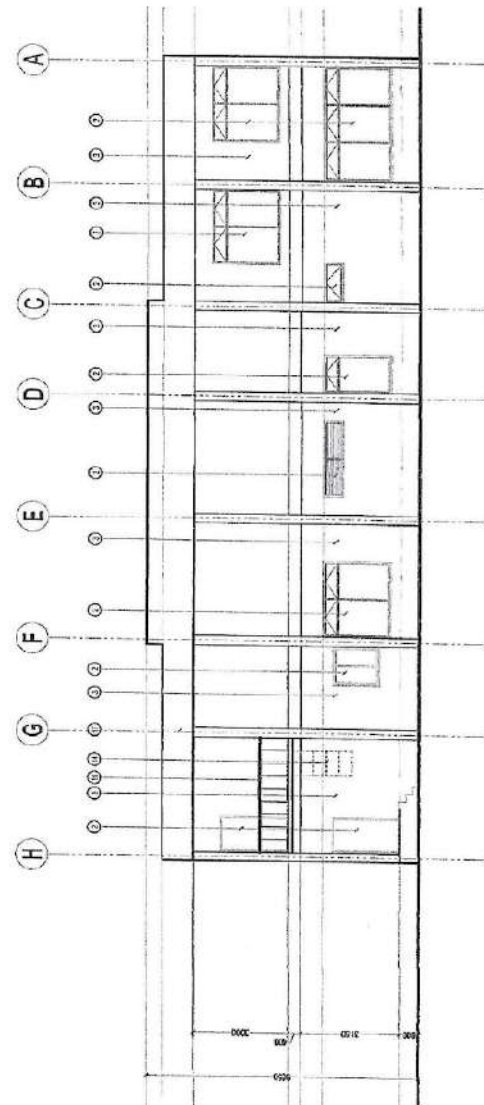
LEFT ELEVATION
SCALE 1:100MM



FRONT ELEVATION
SCALE 1:100MM

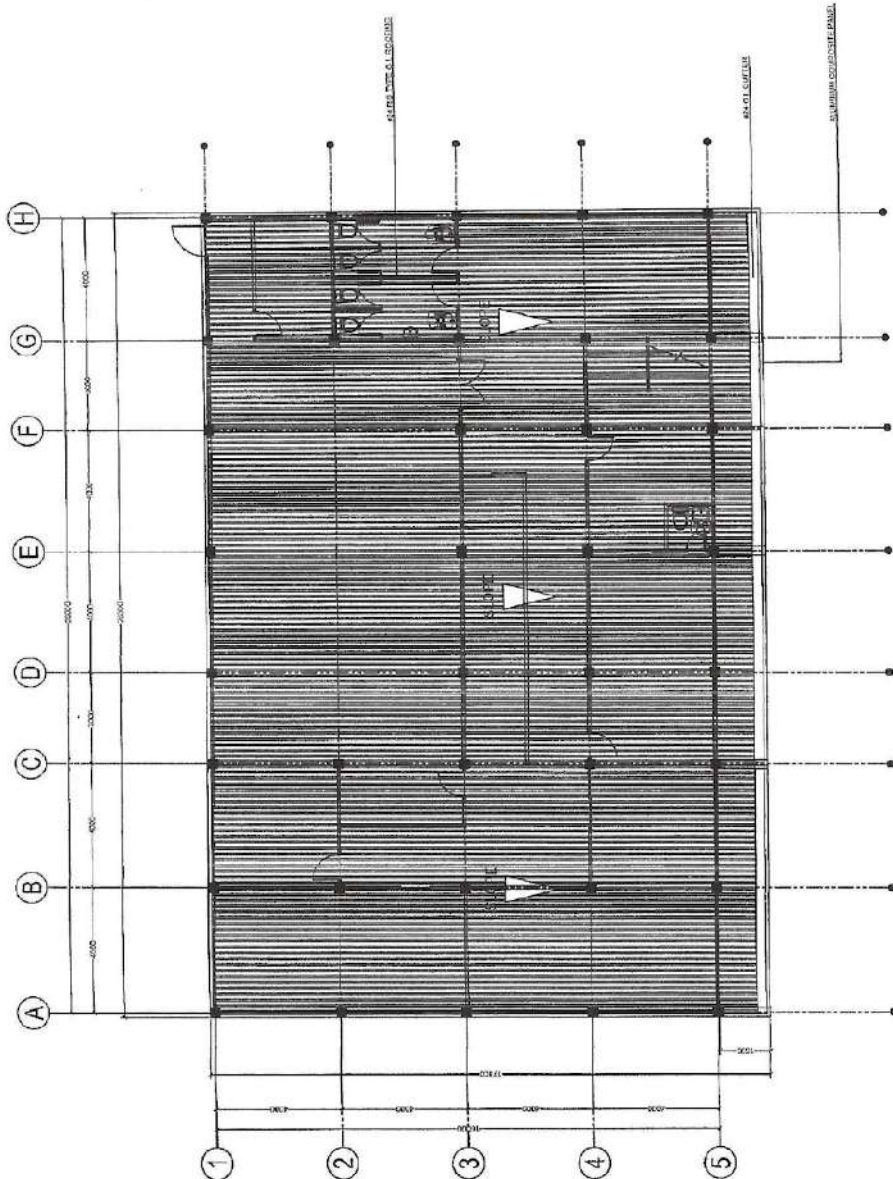


RIGHT ELEVATION
SCALE 1:100MM



REAR ELEVATION
SCALE 1:100MM

	<p>REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER TAMBONTAKA BLIBONG ROAD, COTABATO CITY</p>	<p>PREPARED BY: ENGR. HUMSI RUFIE A. MANULINTAG JR. PROJECT ENGINEER</p>	<p>REVIEWED BY: ENGR. KARL ANTONIO R. PINE PROJECT SUPERVISOR</p>	<p>RECOMMENDED BY: ENGR. MOHAMMAD T. ALI, MUSA PROJECT MANAGER</p>	<p>APPROVED BY: ABU BAKR M. CUSAIT, Assistant Secretary Minister</p>	<p>SHEET NO: A-06 A-08</p>
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ROOF PLAN
SCALE 1:100MM

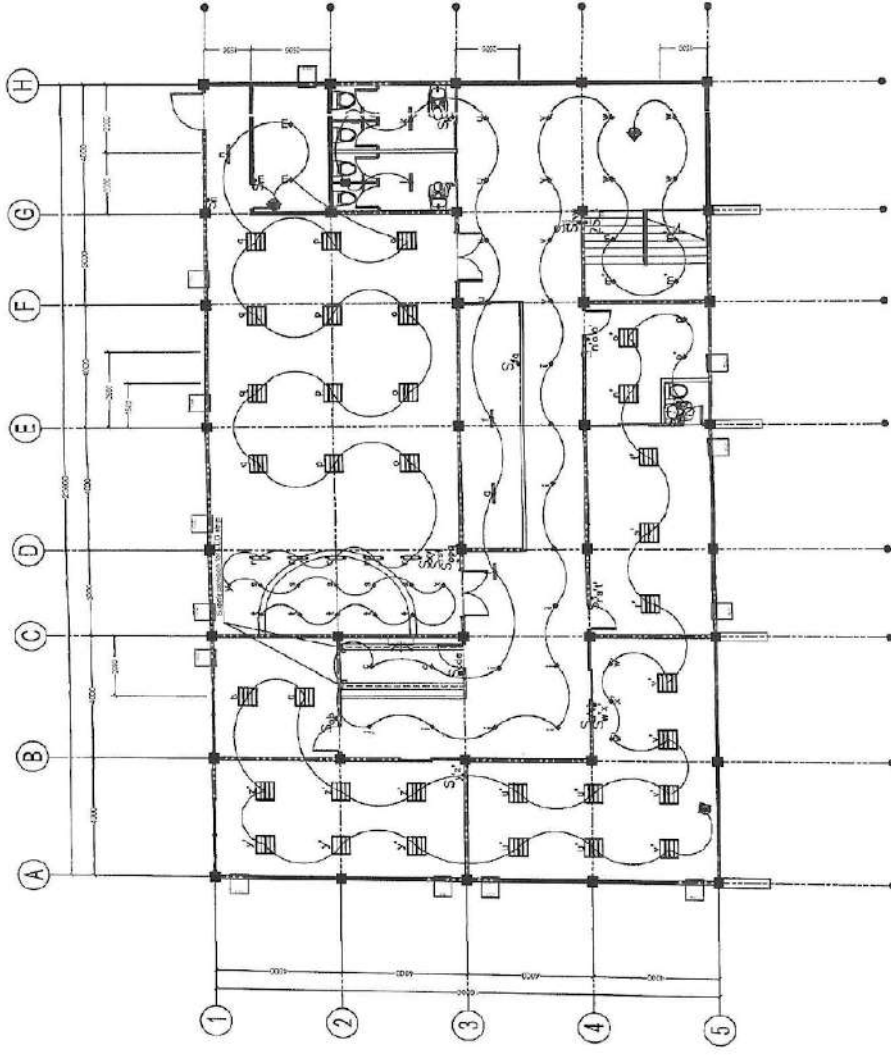
SYMBOL	DESCRIPTION	QUANTITY	LOCATION
	10MM THK. DOUBLE SWING GLASS DOOR WITH FIXED GLASS IN ALUMINUM FRAME, ANODIZED FINISH	1 SET	MAIN ENTRANCE
	HOLLOW CORE DOOR WITH LOCKERS	4 SETS	ADMIN CHIEF OFFICE "SU" CHIEF OFFICE EXECUTIVE DIRECTOR OFFICES
	HOLLOW CORE DOOR	2 SETS	MECHANICAL UTILITY ROOM CONTROL SERVER ROOM
	10MM THK. SINGLE SWING GLASS DOOR IN ALUMINUM FRAME, ANODIZED FINISH	12 SETS	CHIEF ASST. OFFICE CHIEF ASST. OFFICE RESIDENT AUDITOR OF CONFERENCE HALL 21 EXECUTIVE DIRECTOR OFFICE FINANCE OFFICE STOCK ROOM COMPUTER ROOM HOLDINGS AREA STUDIO PRAYER ROOM

SYMBOL	DESCRIPTION	QUANTITY	LOCATION
	10MM THK. SLIDING GLASS DOOR IN ALUMINUM FRAME, ANODIZED FINISH	10 SETS	OF MALE AND FEMALE PRAYER ROOM OF MALE AND FEMALE TOILET ARCHIVE ROOM CHRISTMAS HOLDING AREA ROOM OF CONFERENCE HALL COMMISSIONERS LOUNGE
	PANEL DOOR WITH TEMPERED GLASS	2 SETS	AUDIENCE ROOM
	STEEL DOOR WITH PANIC HARDWARE	2 SETS	OF FREIGHT OF FREIGHT

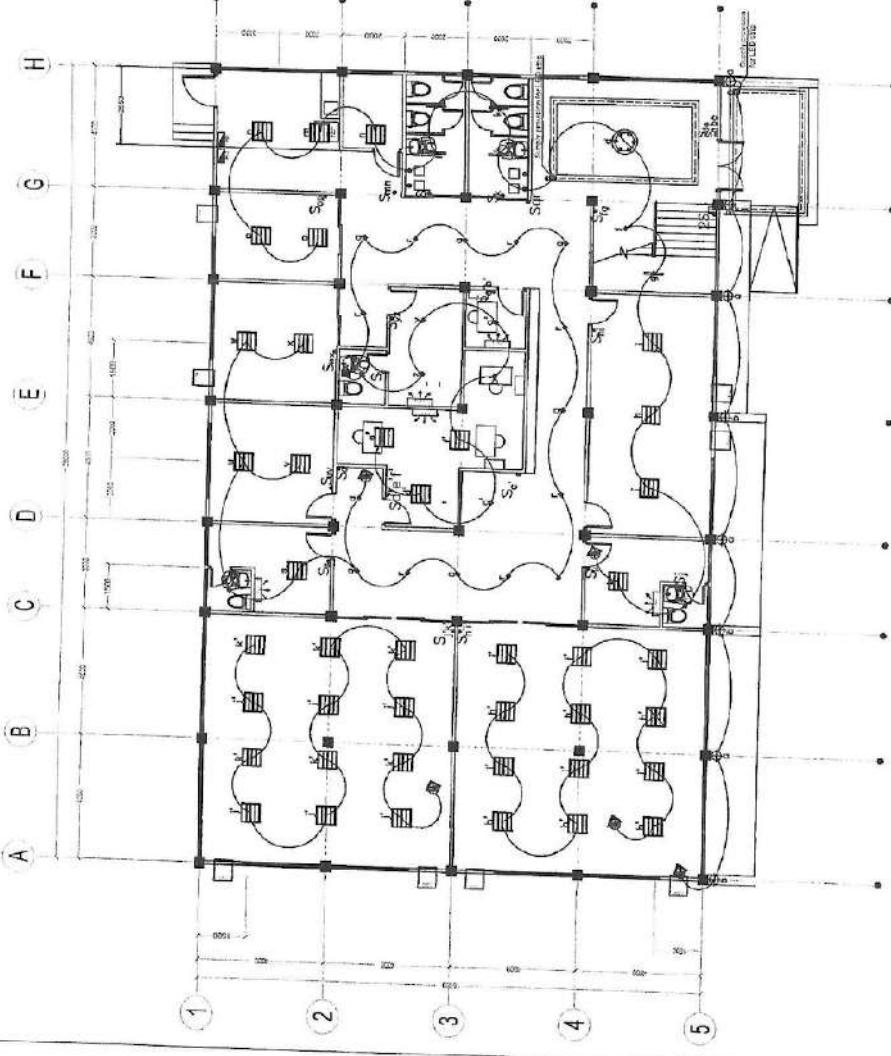
DOORS AND WINDOWS SCHEDULE
SCALE 1:50MM

REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PWO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	PROJECT TITLE: REGIONAL YOUTH DEVELOPMENT TRAINING CENTER LOCATION: TAMONTAKA BUSONG ROAD, COTABATO CITY	PREPARED BY: ENGR. HUMBERTO M. MAMINTAO, JR.	REVIEWED BY: 	RECOMMENDED BY: 	APPROVED BY: 	SHEET NO: A-07 A-08
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SECOND FLOOR LIGHTING LAYOUT
SCALE 1:100MM



LIGHTING LAYOUT GROUND FLOOR
SCALE 1:100MM

DESIGNATION

- ☐ CONVENIENCE OUTLET
- ☑ REFRIGERATOR OUTLET
- ☑ AIRCONDITIONING UNIT OUTLET
- ☑ WEATHERPROOF OUTLET
- ◆ FINLIGHTS (FL)
- ⊙ PENDANT LIGHT (PDL)
- ⊖ TRACKING LIGHTS (TL)
- ⊖ FLUORESCENT LAMP (FL)
- ⊖ WALL LAMP (WL)
- ⊖ EMERGENCY LIGHT (EL)
- ⊖ EXHAUST FAN (EF)
- ⊖ THUMBLER SWITCH (LETTER DENOTES GANG)
- ⊖ 2-WAY SWITCH (LETTER DENOTES GANG)



REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
BANGSAMORO GOVERNMENT CENTER
LOCATION: TAMONTARA BUBONG ROAD, COTABATO CITY

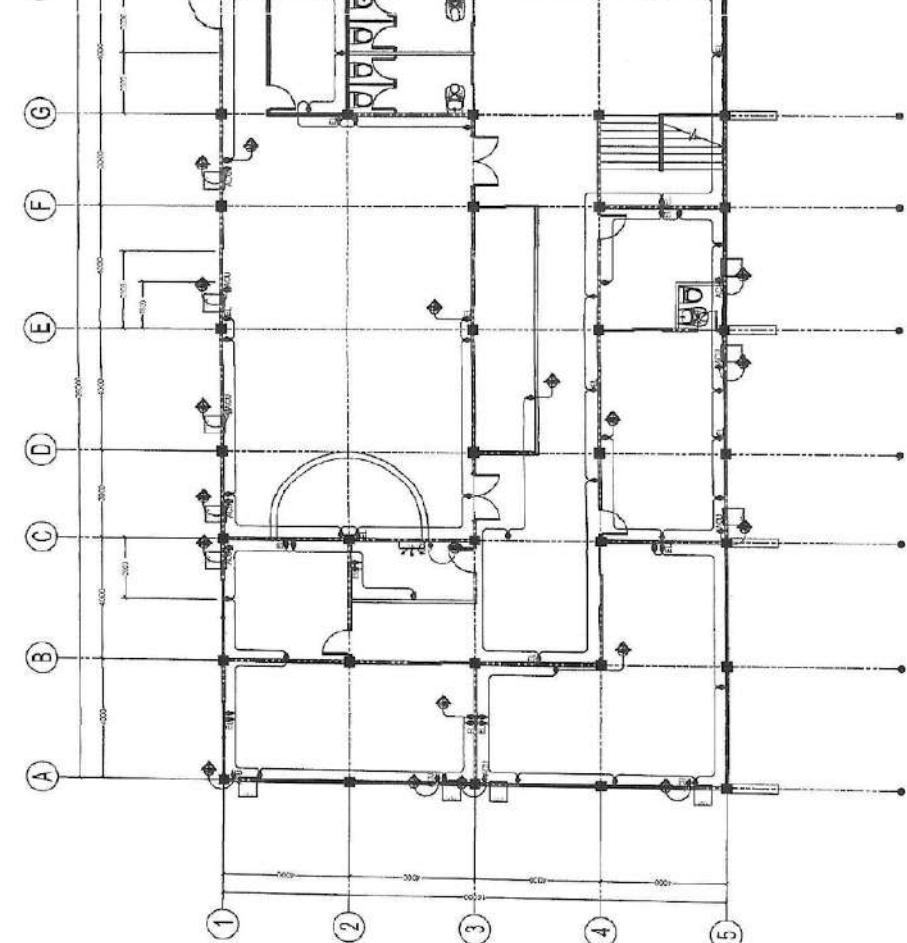
PREPARED BY:
ENGR. HURSHAD M. MULIATAC, JR.
PROJECT COORDINATOR

RECOMMENDED BY:
ENGR. ESTERITA S. SOROP
PROJECT COORDINATOR

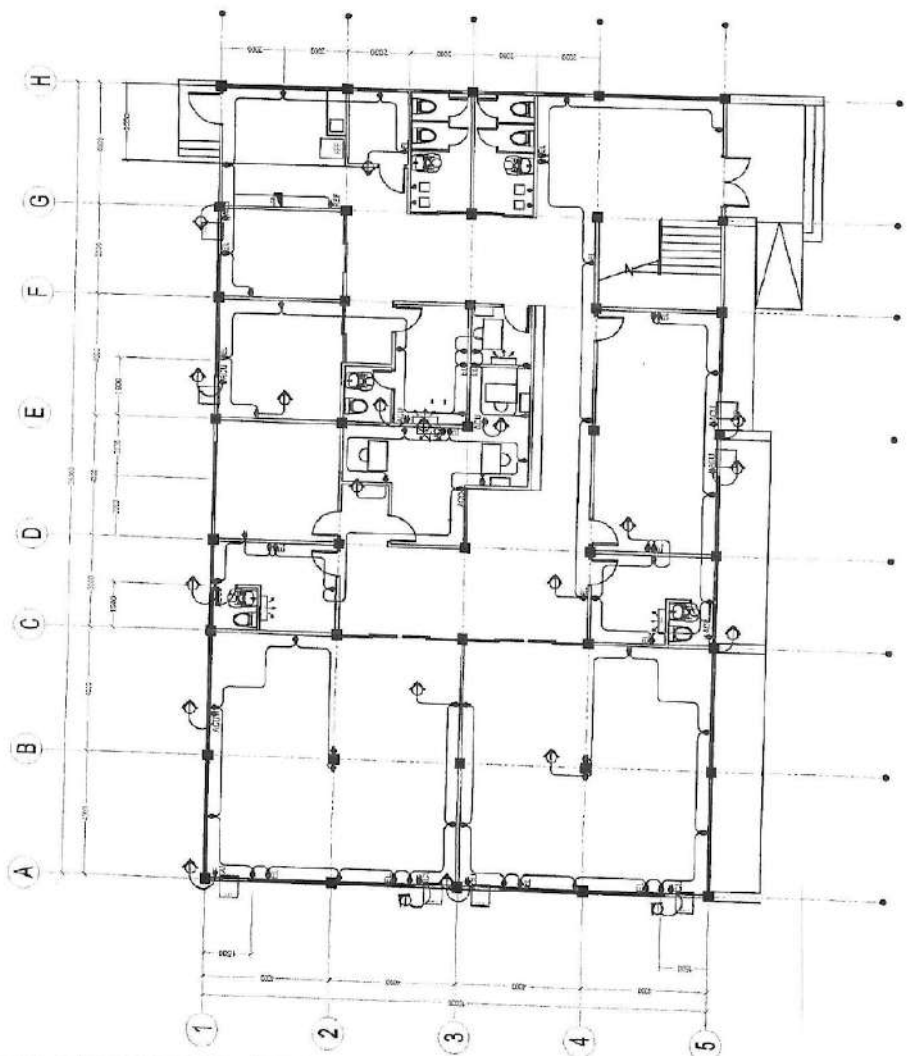
ENGR. MOHAMMAD T. ALI, MNSA
PROJECT COORDINATOR

APPROVED BY:
ABDULLAH M. CUSAJI, A
Assistant Senior Architect

SHEET NO.
E-01
E-04



⊕ SECOND FLOOR POWER LAYOUT
SCALE 1:100MM



⊕ POWER LAYOUT GROUND FLOOR
SCALE 1:100MM

DESIGNATION	SYMBOL	DESCRIPTION
CONVENIENCE OUTLET	⊕	CONVENIENCE OUTLET
REFRIGERATOR OUTLET	⊕ _{REF}	REFRIGERATOR OUTLET
AIR CONDITIONING UNIT OUTLET	⊕ _{AC}	AIR CONDITIONING UNIT OUTLET
WEATHER-PROOF OUTLET	⊕ _{WP}	WEATHER-PROOF OUTLET
ABOVE COUNTER OUTLET (VERIFY HEIGHT)	⊕ _{AC}	ABOVE COUNTER OUTLET (VERIFY HEIGHT)
CIRCUIT HOMERUN	—	CIRCUIT HOMERUN
PANEL BOARD	⊕	PANEL BOARD
PINLIGHTS (PL)	◆	PINLIGHTS (PL)
PENDANT LIGHT (PDL)	⊙	PENDANT LIGHT (PDL)
TRACKING LIGHTS (TL)	⊕	TRACKING LIGHTS (TL)
FLUORESCENT LAMP (FL)	⊕	FLUORESCENT LAMP (FL)
WALL LAMP (WL)	⊕	WALL LAMP (WL)
EMERGENCY LIGHT (EL)	⊕	EMERGENCY LIGHT (EL)
EXHAUST FAN (EF)	■	EXHAUST FAN (EF)
TRUMBLER SWITCH (LETTER DENOTES GANG)	⊕	TRUMBLER SWITCH (LETTER DENOTES GANG)
2-WAY SWITCH (LETTER DENOTES GANG)	⊕	2-WAY SWITCH (LETTER DENOTES GANG)



REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL-DEVELOPMENT FUND - PWO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE:
REGIONAL YOUTH DEVELOPMENT TRAINING CENTER
LOCATION: TANJONITAKA SUBBONG ROAD, COTABATO CITY

PREPARED BY:
ENGR. ESMARTEL USOP
PROJECT COORDINATOR (PWO)

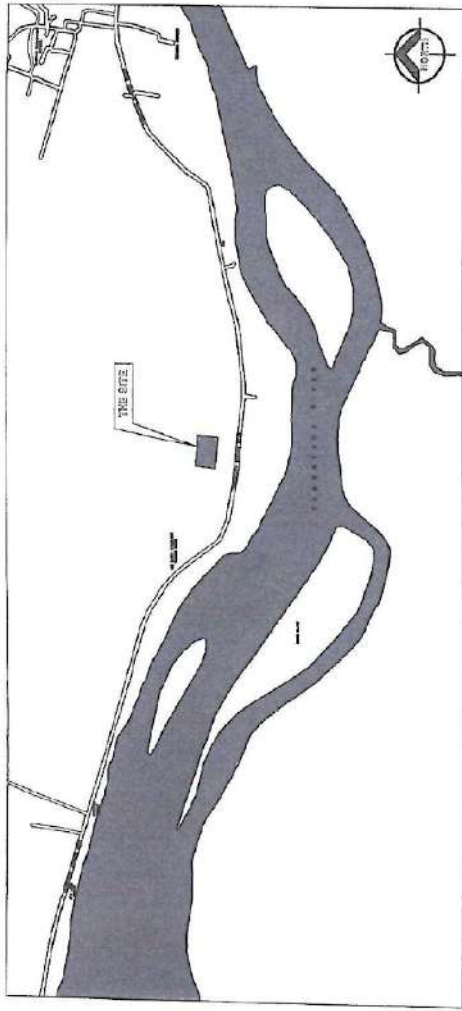
REVIEWED BY:
ENGR. MOHAMMAD SUHAIB, JR., P.E.
SENIOR ELECTRICAL ENGINEER

RECOMMENDED BY:
ENGR. MOHAMMAD SUHAIB, JR., P.E.
SENIOR ELECTRICAL ENGINEER

APPROVED BY:
ABDULLAH M. CUSAPI
ASSISTANT SENIOR MANAGER

SHEET NO:
E-02
E-04

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LOCATION MAP

SHORT CIRCUIT ANALYSIS

1. SHORT CIRCUIT ANALYSIS
 SHORT CIRCUIT ANALYSIS (FAULT X)
 "DISTANCE FROM TAPPING POLE TO MAIN DISTRIBUTION PANEL (MDF) = 0 = 15M."

COMPUTATION:
 $I = \frac{E_{OC} \times 1000}{Z_{SC} + j0.004}$
 $I = \frac{138.7 \times 1000}{652.17 + j0.004}$
 $I = 211.17 \text{ A}$
 $I_{SC} = 211.17 \text{ A}$
 $I_{SC} = 45,160.43 \text{ A}$
 $F = \frac{2 \times D \times I_{SC}}{C \times N \times V}$
 $F = \frac{2 \times 1.5 \times 211.17}{2 \times 1.5 \times 230}$
 $F = 4.753 \text{ (100)}$
 $M = \frac{1}{1 + F}$
 $M = \frac{1}{1 + 4.753}$
 $M = 0.175$
 (IS SW BUS (FEET)) = $\frac{35 \times M}{230}$
 $= \frac{35 \times 0.175}{230}$
 $= 0.026$

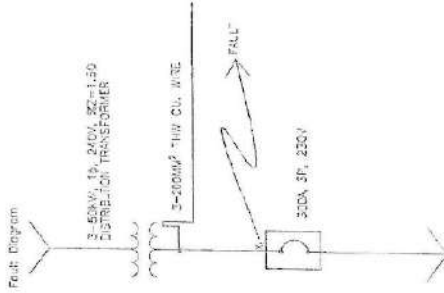
USE ZERO BREAKING CAPACITY CIRCUIT BREAKER
 LIGHTING AND SMALL SERVICE LOAD, CIRCUIT BREAKER
 SHOULD NOT BE LESS THAN 100AFC

VOLTAGE DROP CALCULATION

"DISTANCE FROM TAPPING POLE TO PANEL BOARD (PB) = 15 METERS"

WHERE:
 VD = VOLTAGE DROP
 $k = \text{wire constant (Cu=1.0 @75° F)}$
 $k = 1.0212 \text{ (75° F) (ohms per mil foot)}$
 $I = \text{LOAD CURRENT}$
 $L = \text{CABLE LENGTH (feet)}$
 $CM = \text{Cross sectional area (circular mil)}$

CURRENT $I = 291.54 \text{ AMPS}$
 $VD = \frac{1.0212 \times I \times L}{CM}$
 $VD = \frac{1.0212 \times 291.54 \times 201.94 \times 49.2}{204,706.05}$
 $VD = 0.8 \text{ V}$
 $\%VD = \frac{0.8 \times 100}{230} = 0.35\%$
 (PASSED BELOW 5%)
 $\%R = \frac{230 \times 0.8 \times 100}{230 \times 100} = 250.19\%$



REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - FMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	PROJECT TITLE: REGIONAL YOUTH DEVELOPMENT TRAINING CENTER	PREPARED BY: ENGR. ROMAN TORRES MAMULTOR JR. PROJECT COORDINATOR (SCE/PIE)	REVIEWED BY: ENGR. MOHAMMAD T. ALI MUSA PROJECT SUPERVISOR	APPROVED BY: ABDULLAH M. CUSAH ASSISTANT SENIOR MANAGER	SHEET NO. E-04 E-04
	PROJECT LOCATION: TAMONTAKA BUONG ROAD, COTABATO CITY	PROJECT COORDINATOR (SCE/PIE): ENGR. ROMAN TORRES MAMULTOR JR.	PROJECT SUPERVISOR: ENGR. MOHAMMAD T. ALI MUSA	ASSISTANT SENIOR MANAGER: ABDULLAH M. CUSAH	

GENERAL NOTES:

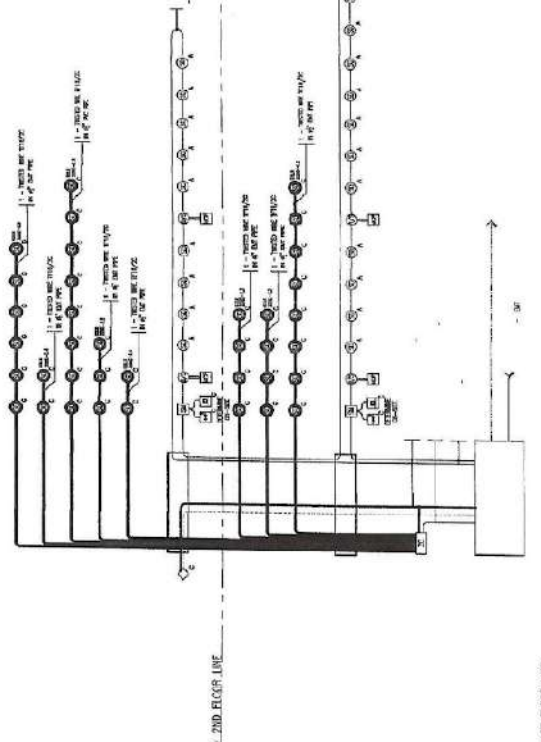
- ALL WORKS HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE PROVISION LATEST EDITION OF THE PHILIPPINE ELECTRONICS CODE THE RA 9506 AND REGULATIONS THEREOF.
- ALL WORKS HEREIN INCLUDE SHALL BE EXECUTED BY EXPERIENCED MEN UNDER THE DIRECT SUPERVISION OF A FULL TIME ELECTRONIC ENGINEER (E.E.) AS REQUIRED BY RA 9506 AND THE #R OF THE RELATED BUILDING CODE (PD 1095). ALL WORK SHALL BE FULLY PLANNED, SCARILY FACED AND PROPERLY FINISHED.
- INSTALLERS SHALL BE MEN AND SHALL COMPLY WITH THE EMPLOYER'S STANDARD CONTAMINANT ELECTRONIC CODE (ES) FOR CONTAMINANTS. THE ALARM DEVICES AND ACCESSORIES (APPENDIX A) OF ELECTRONIC WIRING (ENR) FOR ADDRESSABLE FIRE ALARM SYSTEMS (ENR) SHALL BE USED UNLESS OTHERWISE SPECIFIED.
- THE PHILIPPINE COMMUNICATIONS SYSTEMS CODE (ENR) OF DIFFERENT SIZES OF CABLES, 30 METERS OR MORE FOR INTERCONNECTION, INTERFERENCE SHIELDING, METAL PLUMBING, COORDINATION, BLENDS, ACCESSORIES AND MATERIALS AS SHOWN IN THE DRAWING AND / OR IN ACCORDANCE WITH THE COMPLETE REQUIREMENTS SHOWN ON ALL SHEETS.
- THE CLOSED CIRCUIT TELEVISION SYSTEM SHALL COMPLY WITH THE DIFFERENT SIZES OF CABLES, 30 METERS OR MORE FOR INTERCONNECTION, INTERFERENCE SHIELDING, METAL PLUMBING, COORDINATION, BLENDS, ACCESSORIES AND MATERIALS AS SHOWN IN THE DRAWING AND / OR IN ACCORDANCE WITH THE COMPLETE REQUIREMENTS SHOWN ON ALL SHEETS.
- ALL ELECTRONIC / ELECTRONIC EQUIPMENT AND ACCESSORIES THAT ARE EXPLODED OR LESS THAN 10 METERS AWAY FROM ANY WATER CONDUIT SHALL BE OF WATERPROOF TYPE.
- ALL CONDUITS AND WIRING SHALL BE PROTECTED AGAINST DAMAGE BY THE REMOVAL OF WATER AND FIRE PROTECTION MATERIALS DURING CONSTRUCTION. ALL TYPES OF CONDUITS SHALL BE PROPERLY FULLED TO EXCLUDE HUMIDITY AND MUST IMMEDIATELY AFTER COULERS ARE INSTALLED.
- CONDUIT FOR ALL TELECOMMUNICATIONS (T.E.) SHALL BE AS PER ARCHITECT'S OR ENGINEER'S SELECTION.
- CONDUIT WIRING: CONDUITS SHALL BE MET AND IT SHALL BE REQUIRED THAT EVERY TELEPHONE SHALL BE DERIVED FROM A TELEPHONE TERMINAL UNIT (TU) OR INTERMEDIATE DISTRIBUTION FRAME (IDF) WITHIN 90 METERS.
- VOICE AND DATA WIRING SHALL BE SEPARATED FROM ANY OTHER CABLES OR POWER WIRING TO PREVENT NOISE AND INTERFERENCE. INTERFERENCE (EMI) TO USE OF BUILT IN THE DATA AND DATA CABLES SHALL BE TAKEN INTO ACCOUNT IN A LOADED CABLE CARRIER IN A SCHEDULED PLACE OR IN THE INFORMATION TECHNOLOGY (IT) ROOM OF IT ROOM WHEN AN IT ROOM IS NOT AVAILABLE.
- WIRING SHALL BE IN A CONSOLIDATED ROSE NON-METALLIC CONDUIT (RMC) / TUBING UNLESS OTHERWISE SPECIFIED.
- DATA CABLES SHALL NOT BE BUNDLED FOR MORE THAN 20 METERS IN ALL PLACES.
- ALL DATA CABLES SHALL NOT BE LESS THAN (3) INCHES USE LONG CABLES.
- DATA CABLES SHALL BE TERMINATED INTO A WALL PLATE WITH THE APPROXIMATE 1 FOOT DISTANCE FROM THE FACE OF THE WALL.
- FOR DATA SYSTEMS, DO NOT USE FIBER OPTIC, COAXIAL, WIRE PAIR, HEAVY AND AIR CONDITIONING DUCT, LOOSING CABLES OR WIRING AS A SUPPORT STRUCTURE.
- CONDUIT SIZE SHALL NOT EXCEED ONE QUANTITY.

1.5 INCHES	10 METERS
2.0 INCHES	20 METERS
2.5 INCHES	30 METERS
3.0 INCHES	40 METERS
- CONDUIT SHALL HAVE FULL RINGS AT TWO FOOT INTERVALS AND NOT EXCEED OVER 40 FEET BEHIND BENDS BENTED FULL POINT.
- ALL SFT SHALL HAVE A PLASTIC ENDING ON ALL ENDS AND ENDS TO PREVENT DAMAGE TO CABLE CABLES.
- USE A MINIMUM OF 1 "WOMENT FLEX OR SCHEDULE 40 PVC FOR STEERING WIRING.
- SIZE SLEEVING FOR MAXIMUM NUMBER OF CABLES THAT CAN BE PLACED IN THE HOLE TO BE 80% OF THE HOLE. 100% PVC = 5 ENDS, 75% PVC = 4 ENDS, 50% PVC = 3 ENDS, 25% PVC = 2 ENDS.
- ALL CABLES AND BROADCASTING CABLES SHALL BE 10% OVER SIZE OF THE CABLE, RETURN, RETURN, AND 10% OVER SIZE. THEY SHALL ALSO BE FULLY TRACED.
- ALL CABLES AND WIRING MUST NOT BE ON TOP OF SUSPENDED CEILING.
- THE FIRE DETECTION AND ALARM SYSTEM SHALL USE 24VDC 1.5Amps/1.5Amps WIRE FOR CONNECTION, DISTRIBUTION OF CONNECTION, SYSTEM AND OTHERS. 1.5Amps/1.5Amps WIRE FOR INTERCONNECTION OF ADDRESSABLE SYSTEM, DIFFERENT SIZES OF CONDUITS, METAL PLUMBING, DUCT-TERMINAL BLOCKS, ADDRESSABLE DEVICES, ADDRESSABLE DEVICES TO BE SHOWN IN THE DRAWING AND / OR IN ACCORDANCE WITH THE COMPLETE REQUIREMENTS SHOWN ON ALL SHEETS.
- SIZES OF ALL PLUMBING SHALL BE DETERMINED BASED ON THE CODE REQUIREMENTS.
- POSITIONING OF ALL DEVICES (BELL-ALARM) SHALL BE APPROVED BY THE ARCHITECT OR AS FOLLOWS:

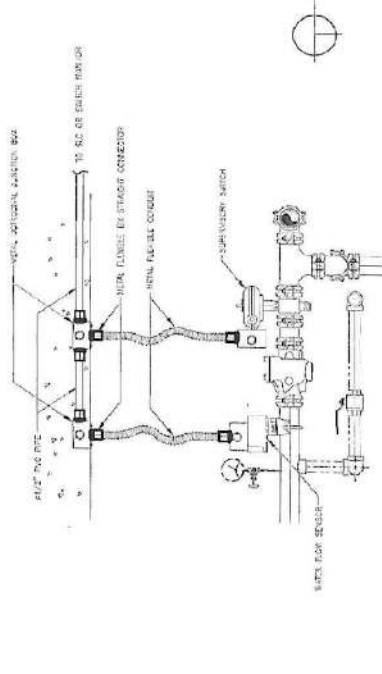
TELEPHONE OUTLET	0.3m above finished floor to center of device
DATA CARRIER / IT	1.4m above finished floor, 0.3m below face of table/console, to center of device
CONV. OUTLET	0.3m below finished ceiling
FIRE ALARM CONTROL PANEL	1.4m above finished floor
FIRE ALARM BELL/STROBE OR	1.4m above finished floor
POWER SWITCH	1.2m above finished floor
FIRE ALARM BELL	2.0m above finished floor
- HORIZONTAL SPACING BETWEEN DEVICES IS AS FOLLOWS:

ADDRESSABLE SMOKE DETECTORS	3.5m to 4.0m
CONVENTIONAL SMOKE DETECTORS	7.5m to 11.2m
- DISTANCE FROM FINISHED WALL OF SMOKE DETECTORS IS AS FOLLOWS:

ADDRESSABLE SMOKE DETECTORS	1.5m to 3.0m
CONVENTIONAL SMOKE DETECTORS	3.0m to 3.5m
- ALL AUTOMATIC SYSTEMS DATA CARRIER AND/OR DATA SHALL BE PROVIDED WITH UNINTERRUPTIBLE POWER SUPPLY (UPS). BE IT LOCALIZED OR CENTRALIZED UPS.
- THESE SHALL BE RESISTANT AND PROTECTIVE EQUIPMENT (GROUNDING, GROUND MASSING) SHOULD BE IN MORE THAN 5 CM OF GROUND RESISTANCE EXCEEDS 5 OHMS, MINIMUM, GROUND EGGS SHALL BE PROVIDED.
- ALL FEEDS OF MATERIAL MUST BE PROVIDED BY THE INSTALLATION IN A GOOD REMAINING UNITS SHALL BE PROVIDED IN THE CONTRACTOR.
- REQUIREMENT CONSULT AND COORDINATE WITH OTHER TRADES TO AVOID INTERFERENCE FROM OTHER TRADES AND SHALL



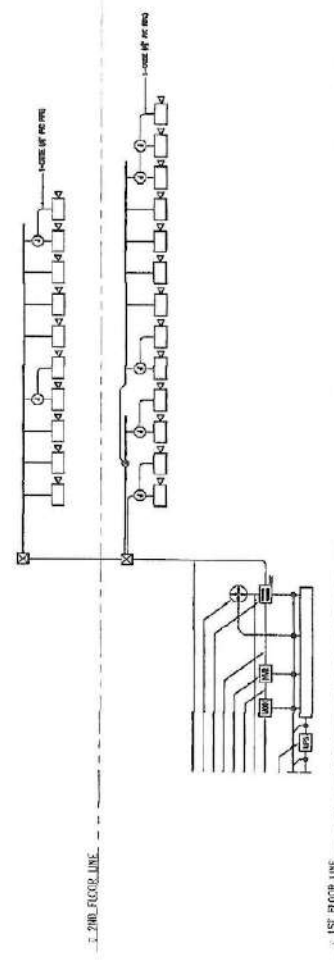
FIRE DETECTION AND ALARM SYSTEM RISER DIAGRAM



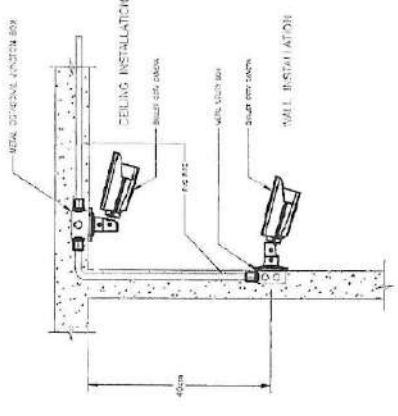
SMOKE DETECTOR WIRING DIAGRAM

WATERFLOW AND SUPERVISORY SWITCH FIDAS INTERFACE

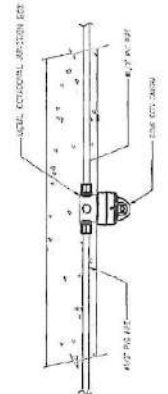
	PROJECT TITLE	APPROVED BY	SHEET NO. :	
	REGIONAL YOUTH DEVELOPMENT SPECIAL DEVELOPMENT FUND - PNO BANGSAMORO GOVERNMENT CENTER - COTABATO CITY	ENGR. HUMBLEDA MAMULITAO JR. PROJECT COORDINATOR (PNO)	ENGR. MOHAMMAD T. ALI MISA PROJECT MANAGER	ECE-01 ECE-05
REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PNO BANGSAMORO GOVERNMENT CENTER - COTABATO CITY	ENGR. ESMERALDUSOP PROJECT COORDINATOR (PNO)	ENGR. MOHAMMAD T. ALI MISA PROJECT MANAGER	ENGR. ABDULLAH M. CUSAI ASSISTANT SENIOR MINISTER	



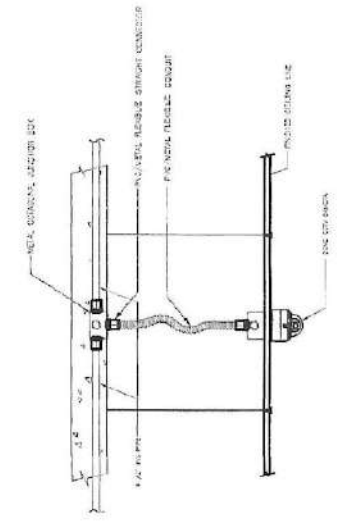
CCTV SURVEILLANCE SYSTEM RISER DIAGRAM



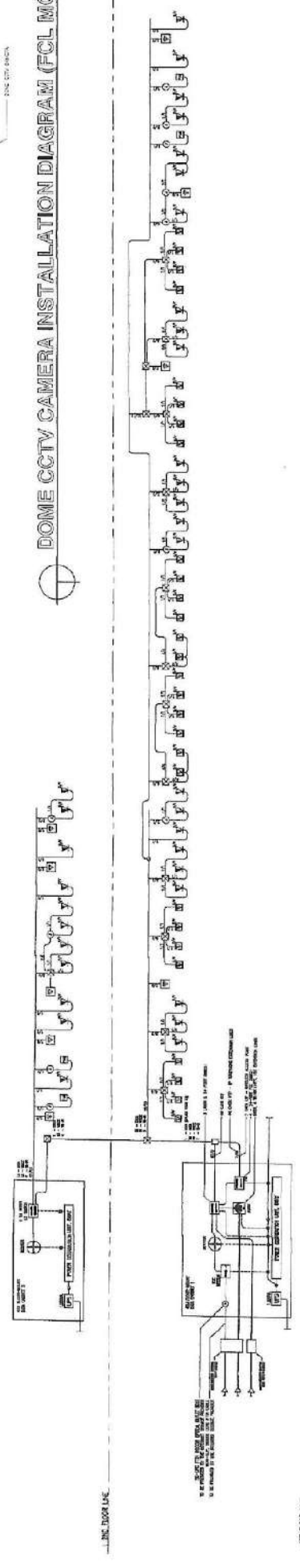
BULLET CCTV CAMERA INSTALLATION DIAGRAM





CONVENTIONAL ZONE CARD WIRING DIAGRAM DOME CCTV CAMERA INSTALLATION DIAGRAM (SLAB MOUNTED)

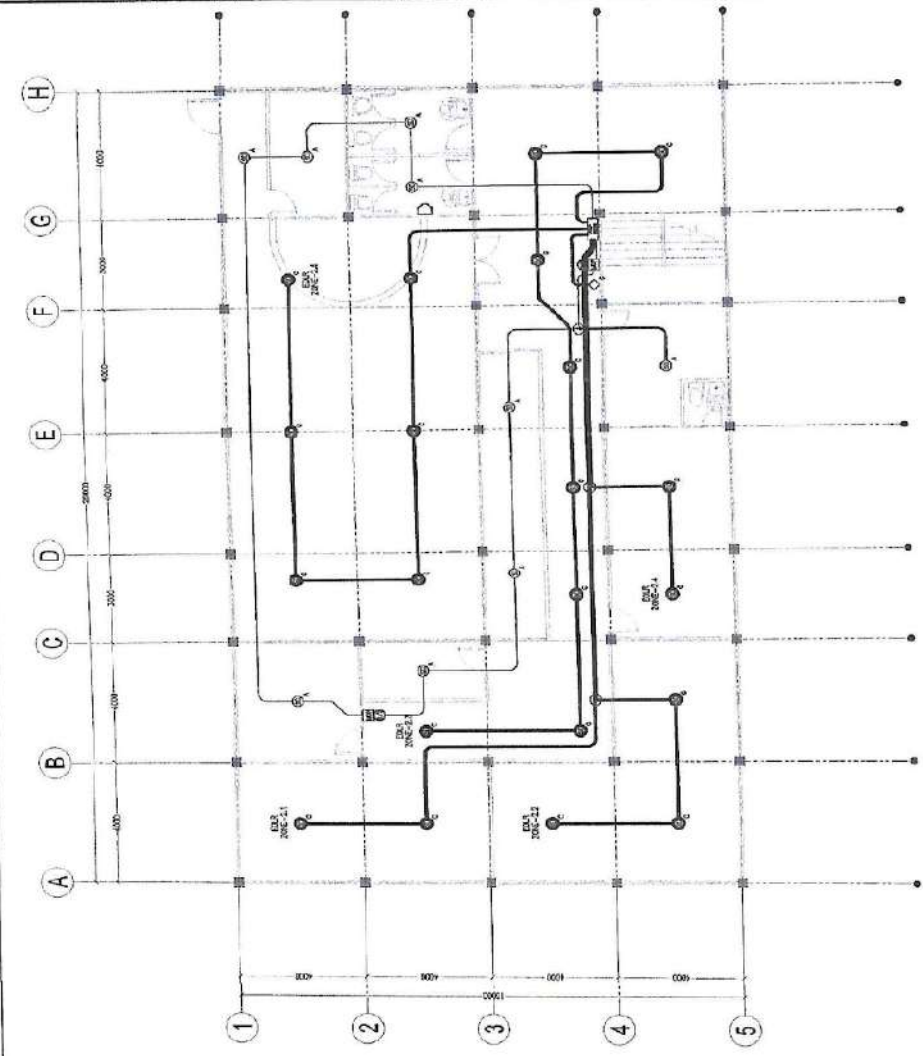


DOME CCTV CAMERA INSTALLATION DIAGRAM (FOL MOUNTED)

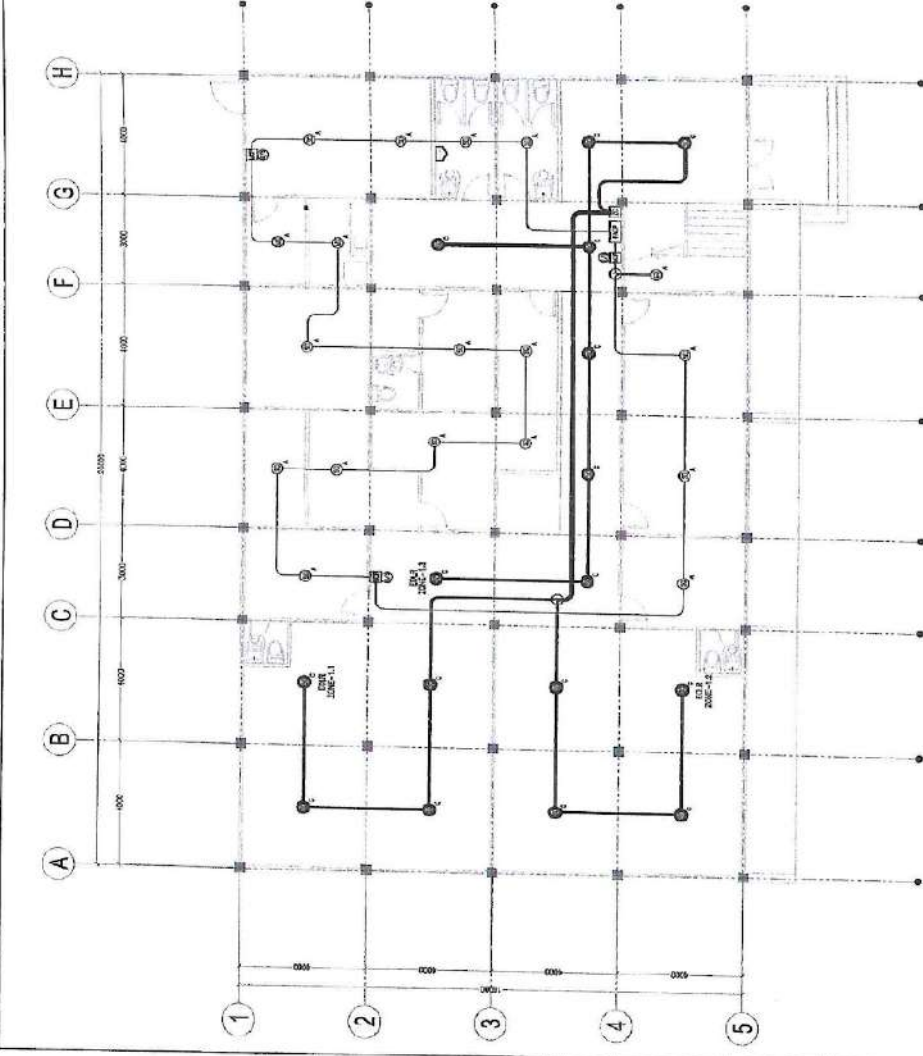


DATA, VOICE AND WIRELESS ACCESS POINT SYSTEMS RISER DIAGRAM

 <p>REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PIMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER</p>	<p>PREPARED BY ENGR. HUNSHORE A. MANUNTAO, JR. PROJECT ENGINEER</p>	<p>REVIEWED BY ENGR. MOHAMMAD T. ALI, MNSA PROJECT ENGINEER</p>	<p>APPROVED BY  ABDULLAH M. CUSAIN ASSISTANT SENIOR MINISTER</p>	<p>SHEET NO. ECE-02 ECE-05</p>
	<p>TAMONTAPA BUBONG ROAD, COTABATO CITY</p>	<p>ENGR. ESMERAL SUOP PROJECT ENGINEER</p>	<p>ENGR. MOHAMMAD T. ALI, MNSA PROJECT ENGINEER</p>	<p>ENGR. MOHAMMAD T. ALI, MNSA PROJECT ENGINEER</p>	<p>ENGR. MOHAMMAD T. ALI, MNSA PROJECT ENGINEER</p>



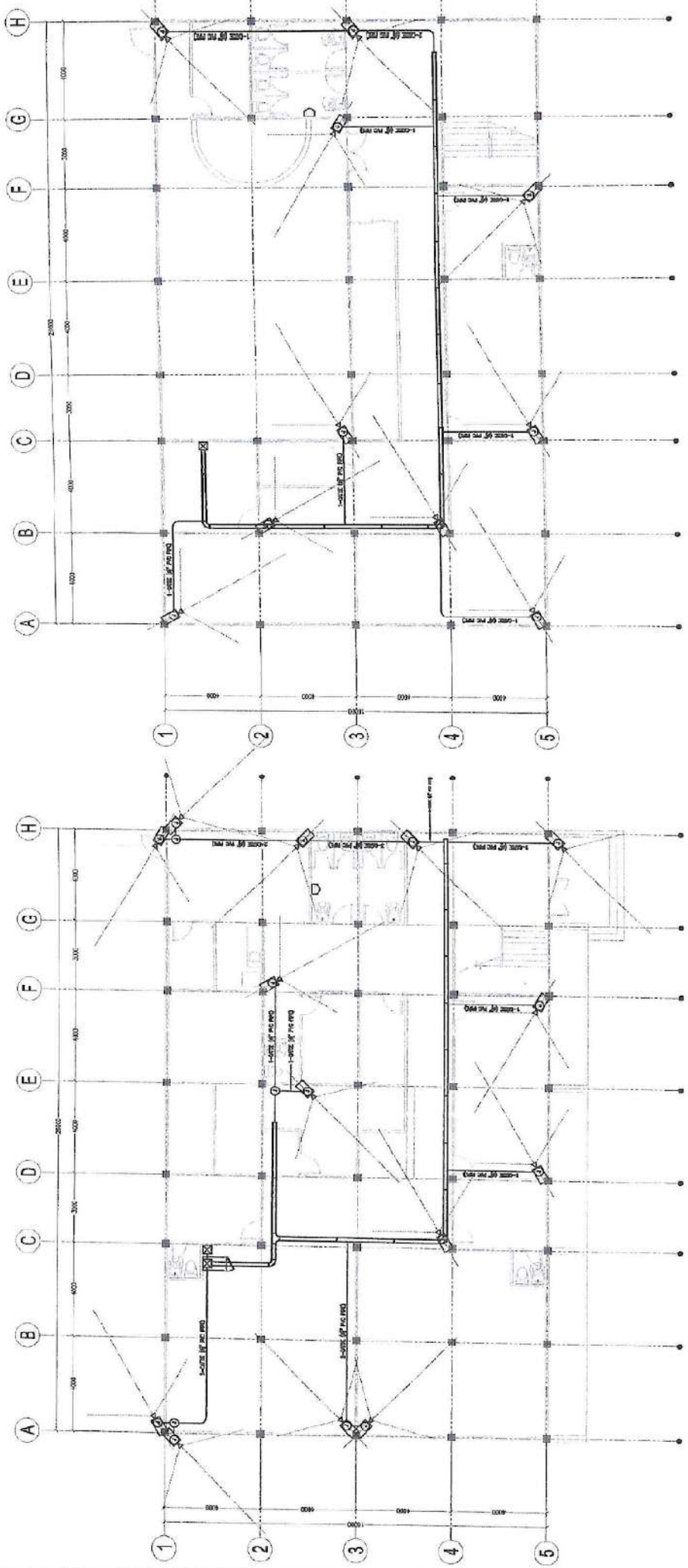
GROUND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT
SCALE 1:100MM



SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT
SCALE 1:100MM


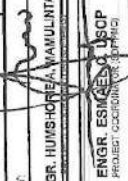
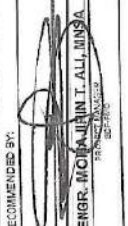

DESIGNATION F D A S REGIONAL DEVELOPMENT FUND - PRO	PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER TAMBONTAKI BUSONG ROAD, COTABATO CITY	PREPARED BY: ENGR. HUMSHOUBA MALLINTAO, JR. PROJECT COORDINATOR (P)	REVIEWED BY: ENGR. KAMRAN M. MANSOURI PROJECT MANAGER (P)	RECOMMENDED BY: ENGR. MOHAMMAD T. ALI, M.J.S.A. PROJECT MANAGER (P)	APPROVED BY: ENGR. ABDULLAH M. QUSAYYI ASSISTANT GENERAL MANAGER (P)	SHEET NO.: ECE-03 ECE-05

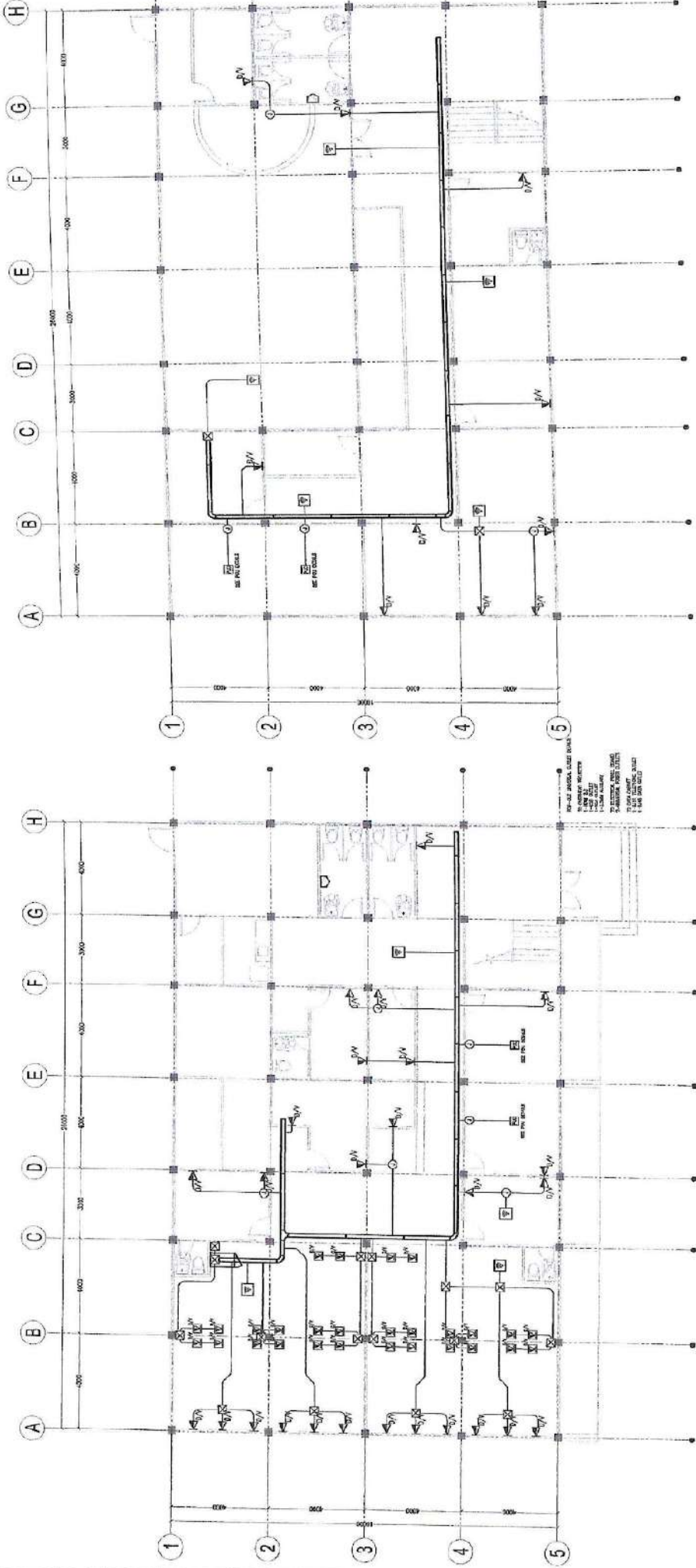




GROUND FLOOR CCTV LAYOUT
SCALE 1:100MM

SECOND FLOOR CCTV LAYOUT
SCALE 1:100MM

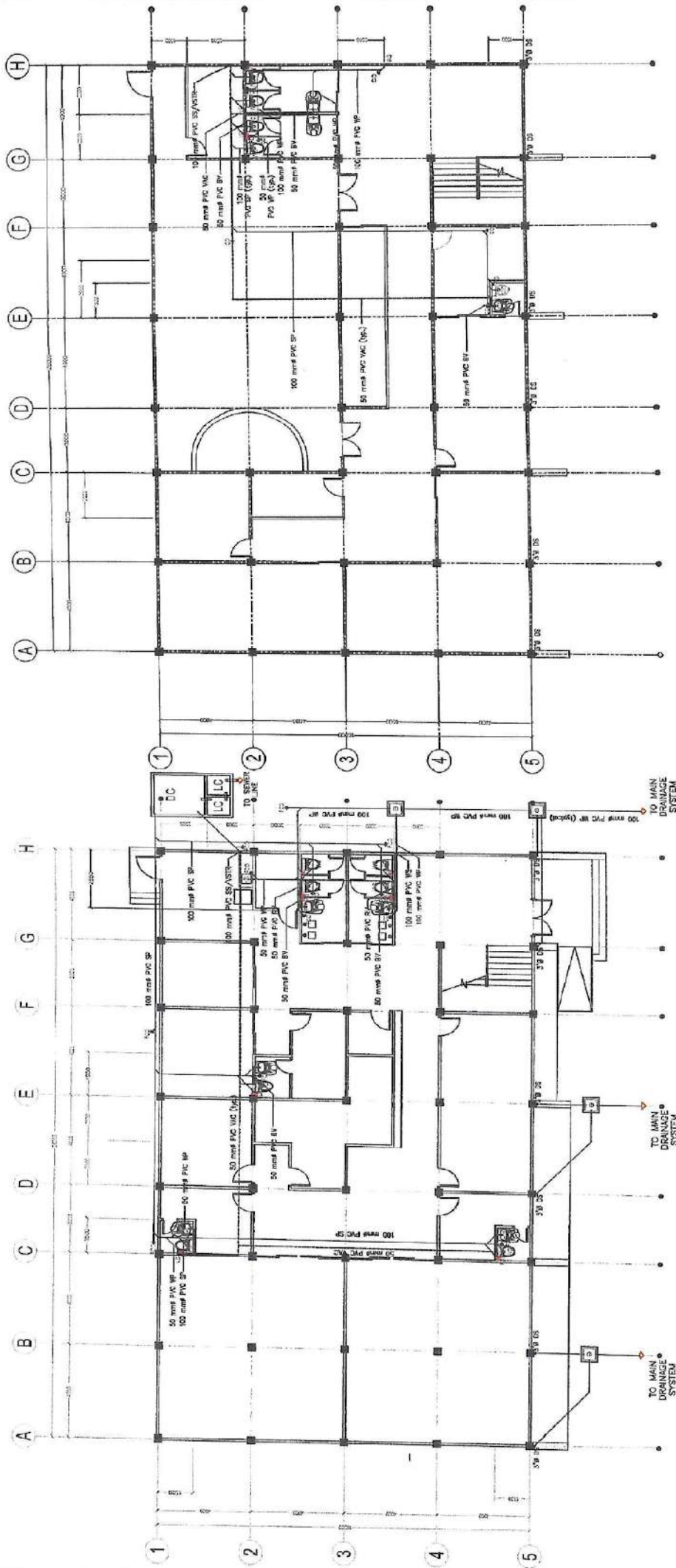
DESIGNATION  REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER	PREPARED BY ENGR. HUMBIONA WAWALINTAO JR.	REVIEWED BY:  ENGR. ESMARCEL USOP PROJECT COORDINATOR (OFFICE)	RECOMMENDED BY:  ENGR. MOHAMMAD T. ALI, MUSA PROJECT MANAGER (CONSTRUCTION)	APPROVED BY:  ABDULLATIF M. CUSAMJI ASSISTANT SECRETARY	SHEET NO. ECE-04 ECE-05
	W I F I VOICE, DATA & SURVEILLANCE	P U B L I C ADDRESS/PIPE-IN	M I S C . I T E M S 1. 1.5% SLOPE FOR DRAINAGE 2. 1% SLOPE FOR DRAINAGE 3. 1% SLOPE FOR DRAINAGE 4. 1% SLOPE FOR DRAINAGE	M I S C . I T E M S 1. 1.5% SLOPE FOR DRAINAGE 2. 1% SLOPE FOR DRAINAGE 3. 1% SLOPE FOR DRAINAGE 4. 1% SLOPE FOR DRAINAGE	M I S C . I T E M S 1. 1.5% SLOPE FOR DRAINAGE 2. 1% SLOPE FOR DRAINAGE 3. 1% SLOPE FOR DRAINAGE 4. 1% SLOPE FOR DRAINAGE	M I S C . I T E M S 1. 1.5% SLOPE FOR DRAINAGE 2. 1% SLOPE FOR DRAINAGE 3. 1% SLOPE FOR DRAINAGE 4. 1% SLOPE FOR DRAINAGE



GROUND FLOOR STRUCTURED CABLING LAYOUT
SCALE 1:100MM

SECOND FLOOR STRUCTURED CABLING LAYOUT
SCALE 1:100MM

TDAS 	SPECIAL DESIGNATION BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER	PROJECT LOCATION TAMONTAKA RIBONG ROAD, COTABATO CITY	PREPARED BY: ENGR. HUMORQUE MARINTAO JR. <small>REGISTERED ELECTRICAL ENGINEER</small>	RECOMMENDED BY: ENGR. MOHAMMAD T. ALI WNSA <small>REGISTERED ELECTRICAL ENGINEER</small>	APPROVED BY: ABDULLAH M. CUSAPI <small>Assistant Senior Minister</small>	SHEET NO.: EGE-08 EGE-09 EGE-05
	C T V SURVEILLANCE <small> 1. VIDEO CAMERA 2. NETWORK CAMERA 3. ANALOG CAMERA 4. IP CAMERA 5. ANALOG VIDEO RECORDER 6. IP VIDEO RECORDER 7. ANALOG VIDEO MONITOR 8. IP VIDEO MONITOR 9. ANALOG VIDEO WALL 10. IP VIDEO WALL 11. ANALOG VIDEO STORAGE 12. IP VIDEO STORAGE 13. ANALOG VIDEO BACKUP 14. IP VIDEO BACKUP 15. ANALOG VIDEO DISPLAY 16. IP VIDEO DISPLAY 17. ANALOG VIDEO CONTROL 18. IP VIDEO CONTROL 19. ANALOG VIDEO POWER 20. IP VIDEO POWER 21. ANALOG VIDEO CABLE 22. IP VIDEO CABLE 23. ANALOG VIDEO CONNECTOR 24. IP VIDEO CONNECTOR 25. ANALOG VIDEO ADAPTER 26. IP VIDEO ADAPTER 27. ANALOG VIDEO SWITCH 28. IP VIDEO SWITCH 29. ANALOG VIDEO ROUTER 30. IP VIDEO ROUTER 31. ANALOG VIDEO HUB 32. IP VIDEO HUB 33. ANALOG VIDEO BRIDGE 34. IP VIDEO BRIDGE 35. ANALOG VIDEO GATEWAY 36. IP VIDEO GATEWAY 37. ANALOG VIDEO FIREWALL 38. IP VIDEO FIREWALL 39. ANALOG VIDEO PROXY 40. IP VIDEO PROXY 41. ANALOG VIDEO VPN 42. IP VIDEO VPN 43. ANALOG VIDEO DNS 44. IP VIDEO DNS 45. ANALOG VIDEO DHCP 46. IP VIDEO DHCP 47. ANALOG VIDEO NTP 48. IP VIDEO NTP 49. ANALOG VIDEO SNMP 50. IP VIDEO SNMP 51. ANALOG VIDEO LOG 52. IP VIDEO LOG 53. ANALOG VIDEO ALERT 54. IP VIDEO ALERT 55. ANALOG VIDEO REPORT 56. IP VIDEO REPORT 57. ANALOG VIDEO BACKUP 58. IP VIDEO BACKUP 59. ANALOG VIDEO RESTORE 60. IP VIDEO RESTORE 61. ANALOG VIDEO ARCHIVE 62. IP VIDEO ARCHIVE 63. ANALOG VIDEO PURGE 64. IP VIDEO PURGE 65. ANALOG VIDEO EXPORT 66. IP VIDEO EXPORT 67. ANALOG VIDEO IMPORT 68. IP VIDEO IMPORT 69. ANALOG VIDEO DELETE 70. IP VIDEO DELETE 71. ANALOG VIDEO COPY 72. IP VIDEO COPY 73. ANALOG VIDEO PASTE 74. IP VIDEO PASTE 75. ANALOG VIDEO CUT 76. IP VIDEO CUT 77. ANALOG VIDEO PASTE 78. IP VIDEO PASTE 79. ANALOG VIDEO PRINT 80. IP VIDEO PRINT 81. ANALOG VIDEO PRINT 82. IP VIDEO PRINT 83. ANALOG VIDEO PRINT 84. IP VIDEO PRINT 85. ANALOG VIDEO PRINT 86. IP VIDEO PRINT 87. ANALOG VIDEO PRINT 88. IP VIDEO PRINT 89. ANALOG VIDEO PRINT 90. IP VIDEO PRINT 91. ANALOG VIDEO PRINT 92. IP VIDEO PRINT 93. ANALOG VIDEO PRINT 94. IP VIDEO PRINT 95. ANALOG VIDEO PRINT 96. IP VIDEO PRINT 97. ANALOG VIDEO PRINT 98. IP VIDEO PRINT 99. ANALOG VIDEO PRINT 100. IP VIDEO PRINT </small>	W I F I VOICE, DATA P <small> 1. WIRELESS LAN 2. WIRELESS LAN 3. WIRELESS LAN 4. WIRELESS LAN 5. WIRELESS LAN 6. WIRELESS LAN 7. WIRELESS LAN 8. WIRELESS LAN 9. WIRELESS LAN 10. WIRELESS LAN 11. WIRELESS LAN 12. WIRELESS LAN 13. WIRELESS LAN 14. WIRELESS LAN 15. WIRELESS LAN 16. WIRELESS LAN 17. WIRELESS LAN 18. WIRELESS LAN 19. WIRELESS LAN 20. WIRELESS LAN 21. WIRELESS LAN 22. WIRELESS LAN 23. WIRELESS LAN 24. WIRELESS LAN 25. WIRELESS LAN 26. WIRELESS LAN 27. WIRELESS LAN 28. WIRELESS LAN 29. WIRELESS LAN 30. WIRELESS LAN 31. WIRELESS LAN 32. WIRELESS LAN 33. WIRELESS LAN 34. WIRELESS LAN 35. WIRELESS LAN 36. WIRELESS LAN 37. WIRELESS LAN 38. WIRELESS LAN 39. WIRELESS LAN 40. WIRELESS LAN 41. WIRELESS LAN 42. WIRELESS LAN 43. WIRELESS LAN 44. WIRELESS LAN 45. WIRELESS LAN 46. WIRELESS LAN 47. WIRELESS LAN 48. WIRELESS LAN 49. WIRELESS LAN 50. WIRELESS LAN 51. WIRELESS LAN 52. WIRELESS LAN 53. WIRELESS LAN 54. WIRELESS LAN 55. WIRELESS LAN 56. WIRELESS LAN 57. WIRELESS LAN 58. WIRELESS LAN 59. WIRELESS LAN 60. WIRELESS LAN 61. WIRELESS LAN 62. WIRELESS LAN 63. WIRELESS LAN 64. WIRELESS LAN 65. WIRELESS LAN 66. WIRELESS LAN 67. WIRELESS LAN 68. WIRELESS LAN 69. WIRELESS LAN 70. WIRELESS LAN 71. WIRELESS LAN 72. WIRELESS LAN 73. WIRELESS LAN 74. WIRELESS LAN 75. WIRELESS LAN 76. WIRELESS LAN 77. WIRELESS LAN 78. WIRELESS LAN 79. WIRELESS LAN 80. WIRELESS LAN 81. WIRELESS LAN 82. WIRELESS LAN 83. WIRELESS LAN 84. WIRELESS LAN 85. WIRELESS LAN 86. WIRELESS LAN 87. WIRELESS LAN 88. WIRELESS LAN 89. WIRELESS LAN 90. WIRELESS LAN 91. WIRELESS LAN 92. WIRELESS LAN 93. WIRELESS LAN 94. WIRELESS LAN 95. WIRELESS LAN 96. WIRELESS LAN 97. WIRELESS LAN 98. WIRELESS LAN 99. WIRELESS LAN 100. WIRELESS LAN </small>	P U B L I C ADDRESS/PIPE-L <small> 1. ADDRESS/PIPE-L 2. ADDRESS/PIPE-L 3. ADDRESS/PIPE-L 4. ADDRESS/PIPE-L 5. ADDRESS/PIPE-L 6. ADDRESS/PIPE-L 7. ADDRESS/PIPE-L 8. ADDRESS/PIPE-L 9. ADDRESS/PIPE-L 10. ADDRESS/PIPE-L 11. ADDRESS/PIPE-L 12. ADDRESS/PIPE-L 13. ADDRESS/PIPE-L 14. ADDRESS/PIPE-L 15. ADDRESS/PIPE-L 16. ADDRESS/PIPE-L 17. ADDRESS/PIPE-L 18. ADDRESS/PIPE-L 19. ADDRESS/PIPE-L 20. ADDRESS/PIPE-L 21. ADDRESS/PIPE-L 22. ADDRESS/PIPE-L 23. ADDRESS/PIPE-L 24. ADDRESS/PIPE-L 25. ADDRESS/PIPE-L 26. ADDRESS/PIPE-L 27. ADDRESS/PIPE-L 28. ADDRESS/PIPE-L 29. ADDRESS/PIPE-L 30. ADDRESS/PIPE-L 31. ADDRESS/PIPE-L 32. ADDRESS/PIPE-L 33. ADDRESS/PIPE-L 34. ADDRESS/PIPE-L 35. ADDRESS/PIPE-L 36. ADDRESS/PIPE-L 37. ADDRESS/PIPE-L 38. ADDRESS/PIPE-L 39. ADDRESS/PIPE-L 40. ADDRESS/PIPE-L 41. ADDRESS/PIPE-L 42. ADDRESS/PIPE-L 43. ADDRESS/PIPE-L 44. ADDRESS/PIPE-L 45. ADDRESS/PIPE-L 46. ADDRESS/PIPE-L 47. ADDRESS/PIPE-L 48. ADDRESS/PIPE-L 49. ADDRESS/PIPE-L 50. ADDRESS/PIPE-L 51. ADDRESS/PIPE-L 52. ADDRESS/PIPE-L 53. ADDRESS/PIPE-L 54. ADDRESS/PIPE-L 55. ADDRESS/PIPE-L 56. 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GROUND FLOOR SANITARY AND STORM LAYOUT
SCALE 1:100NV

SECOND FLOOR SANITARY AND STORM LAYOUT
SCALE 1:100MM

DESIGNATION

PK	100mm PVC	100mm PVC
IN	50mm PVC	50mm PVC
⊙	50mm PVC	50mm PVC
⊙	100mm PVC	100mm PVC
⊙	150mm PVC	150mm PVC
⊙	200mm PVC	200mm PVC
⊙	250mm PVC	250mm PVC
⊙	300mm PVC	300mm PVC
⊙	350mm PVC	350mm PVC
⊙	400mm PVC	400mm PVC
⊙	450mm PVC	450mm PVC
⊙	500mm PVC	500mm PVC
⊙	550mm PVC	550mm PVC
⊙	600mm PVC	600mm PVC
⊙	650mm PVC	650mm PVC
⊙	700mm PVC	700mm PVC
⊙	750mm PVC	750mm PVC
⊙	800mm PVC	800mm PVC
⊙	850mm PVC	850mm PVC
⊙	900mm PVC	900mm PVC
⊙	950mm PVC	950mm PVC
⊙	1000mm PVC	1000mm PVC

PK	100mm PVC	100mm PVC
IN	50mm PVC	50mm PVC
⊙	50mm PVC	50mm PVC
⊙	100mm PVC	100mm PVC
⊙	150mm PVC	150mm PVC
⊙	200mm PVC	200mm PVC
⊙	250mm PVC	250mm PVC
⊙	300mm PVC	300mm PVC
⊙	350mm PVC	350mm PVC
⊙	400mm PVC	400mm PVC
⊙	450mm PVC	450mm PVC
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⊙	650mm PVC	650mm PVC
⊙	700mm PVC	700mm PVC
⊙	750mm PVC	750mm PVC
⊙	800mm PVC	800mm PVC
⊙	850mm PVC	850mm PVC
⊙	900mm PVC	900mm PVC
⊙	950mm PVC	950mm PVC
⊙	1000mm PVC	1000mm PVC

PK	100mm PVC	100mm PVC
IN	50mm PVC	50mm PVC
⊙	50mm PVC	50mm PVC
⊙	100mm PVC	100mm PVC
⊙	150mm PVC	150mm PVC
⊙	200mm PVC	200mm PVC
⊙	250mm PVC	250mm PVC
⊙	300mm PVC	300mm PVC
⊙	350mm PVC	350mm PVC
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⊙	650mm PVC	650mm PVC
⊙	700mm PVC	700mm PVC
⊙	750mm PVC	750mm PVC
⊙	800mm PVC	800mm PVC
⊙	850mm PVC	850mm PVC
⊙	900mm PVC	900mm PVC
⊙	950mm PVC	950mm PVC
⊙	1000mm PVC	1000mm PVC

PK	100mm PVC	100mm PVC
IN	50mm PVC	50mm PVC
⊙	50mm PVC	50mm PVC
⊙	100mm PVC	100mm PVC
⊙	150mm PVC	150mm PVC
⊙	200mm PVC	200mm PVC
⊙	250mm PVC	250mm PVC
⊙	300mm PVC	300mm PVC
⊙	350mm PVC	350mm PVC
⊙	400mm PVC	400mm PVC
⊙	450mm PVC	450mm PVC
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⊙	550mm PVC	550mm PVC
⊙	600mm PVC	600mm PVC
⊙	650mm PVC	650mm PVC
⊙	700mm PVC	700mm PVC
⊙	750mm PVC	750mm PVC
⊙	800mm PVC	800mm PVC
⊙	850mm PVC	850mm PVC
⊙	900mm PVC	900mm PVC
⊙	950mm PVC	950mm PVC
⊙	1000mm PVC	1000mm PVC



REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - SDF
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
REGIONAL YOUTH DEVELOPMENT TRAINING CENTER
LOCATION: TAMONTAKA BIRONG ROAD, COTABATO CITY

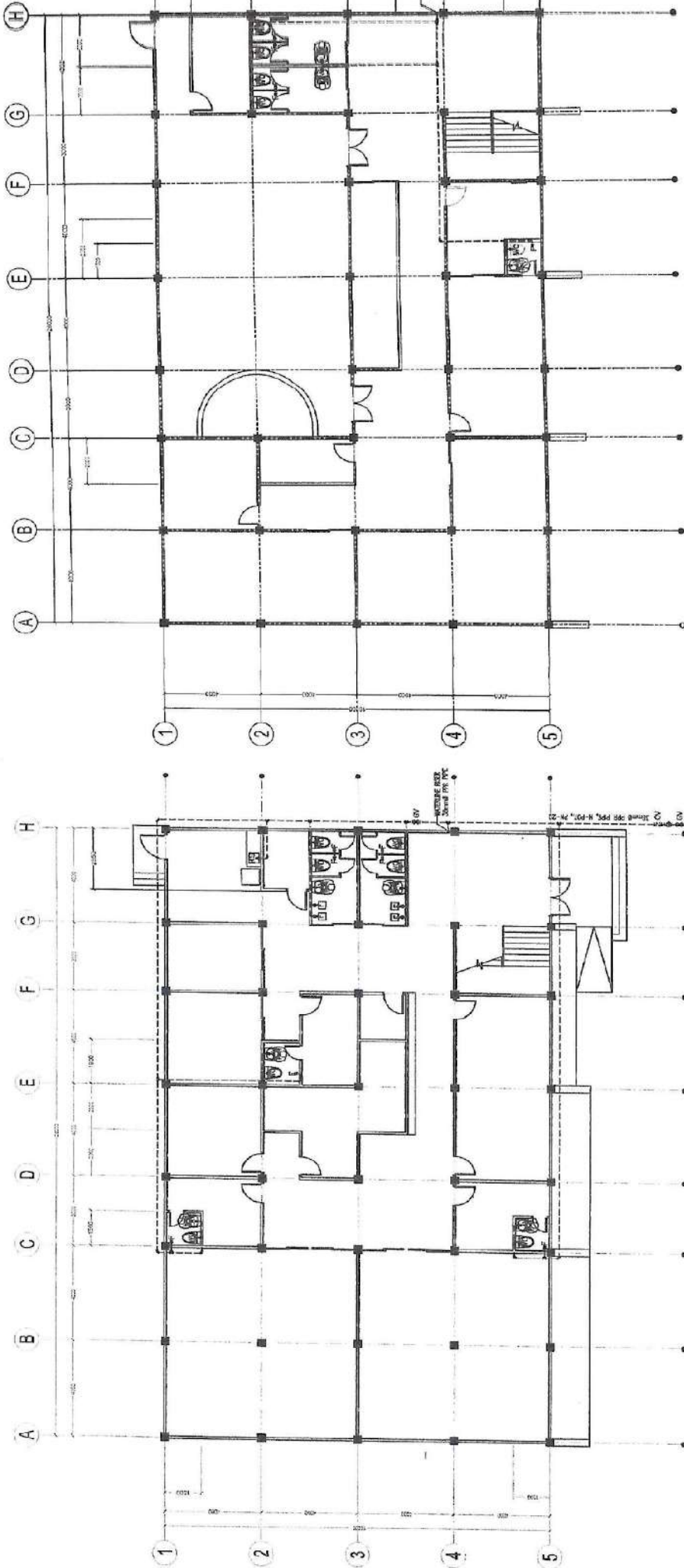
PREPARED BY:
ENGR. HUMSIK M. TAMUNJANG, JR.
PROJECT COORDINATOR

REVIEWED BY:
ENGR. KATILICA SUWIK, JR., PME
PROJECT MANAGER

RECOMMENDED BY:
ENGR. MOHAMMAD T. ALI, INSA
PROJECT MANAGER

APPROVED BY:
ABDULLAH M. CUSANI
Assistant Senior Manager

SHEET NO.
P-01
P-05



USE 30mm PPR PIPE, SCHEDULE 40 FOR METERS AND STREET SERVICE
 USE 30mm PPR PIPE, SCHEDULE 40 FOR BUILDING SUPPLY AND BRANCHES
 USE 15mm PPR PIPE, SCHEDULE 40 FOR FIXTURES PIPE

TAP TO EXISTING WATER SUPPLY

GROUND FLOOR WATERLINE LAYOUT
 SCALE 1:100MM

SECOND FLOOR WATERLINE LAYOUT
 SCALE 1:100MM

DESIGNATION

1. 100mm PPR PIPE, SCHEDULE 40	1. 100mm PPR PIPE, SCHEDULE 40
2. 50mm PPR PIPE, SCHEDULE 40	2. 50mm PPR PIPE, SCHEDULE 40
3. 20mm PPR PIPE, SCHEDULE 40	3. 20mm PPR PIPE, SCHEDULE 40
4. 15mm PPR PIPE, SCHEDULE 40	4. 15mm PPR PIPE, SCHEDULE 40
5. 100mm PPR PIPE, SCHEDULE 40	5. 100mm PPR PIPE, SCHEDULE 40
6. 50mm PPR PIPE, SCHEDULE 40	6. 50mm PPR PIPE, SCHEDULE 40
7. 20mm PPR PIPE, SCHEDULE 40	7. 20mm PPR PIPE, SCHEDULE 40
8. 15mm PPR PIPE, SCHEDULE 40	8. 15mm PPR PIPE, SCHEDULE 40
9. 100mm PPR PIPE, SCHEDULE 40	9. 100mm PPR PIPE, SCHEDULE 40
10. 50mm PPR PIPE, SCHEDULE 40	10. 50mm PPR PIPE, SCHEDULE 40
11. 20mm PPR PIPE, SCHEDULE 40	11. 20mm PPR PIPE, SCHEDULE 40
12. 15mm PPR PIPE, SCHEDULE 40	12. 15mm PPR PIPE, SCHEDULE 40

1. 100mm PPR PIPE, SCHEDULE 40	1. 100mm PPR PIPE, SCHEDULE 40
2. 50mm PPR PIPE, SCHEDULE 40	2. 50mm PPR PIPE, SCHEDULE 40
3. 20mm PPR PIPE, SCHEDULE 40	3. 20mm PPR PIPE, SCHEDULE 40
4. 15mm PPR PIPE, SCHEDULE 40	4. 15mm PPR PIPE, SCHEDULE 40
5. 100mm PPR PIPE, SCHEDULE 40	5. 100mm PPR PIPE, SCHEDULE 40
6. 50mm PPR PIPE, SCHEDULE 40	6. 50mm PPR PIPE, SCHEDULE 40
7. 20mm PPR PIPE, SCHEDULE 40	7. 20mm PPR PIPE, SCHEDULE 40
8. 15mm PPR PIPE, SCHEDULE 40	8. 15mm PPR PIPE, SCHEDULE 40
9. 100mm PPR PIPE, SCHEDULE 40	9. 100mm PPR PIPE, SCHEDULE 40
10. 50mm PPR PIPE, SCHEDULE 40	10. 50mm PPR PIPE, SCHEDULE 40
11. 20mm PPR PIPE, SCHEDULE 40	11. 20mm PPR PIPE, SCHEDULE 40
12. 15mm PPR PIPE, SCHEDULE 40	12. 15mm PPR PIPE, SCHEDULE 40



REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE:
 REGIONAL YOUTH DEVELOPMENT TRAINING CENTER
 LOCATION: TAMONTAKA BURONG ROAD, COTABATO CITY

PREPARED BY:
 ENGR. ESMERALD M. JOSOP
 PROJECT COORDINATOR (PHD)

REQUIREMENT:
 ENGR. KAMIL A. SOLAJIK JR., P.E.
 REGIONAL MANAGER (PHD)

RECOMMENDED BY:
 ENGR. ADMIRINT ALLINSA
 PROJECT MANAGER (PHD)

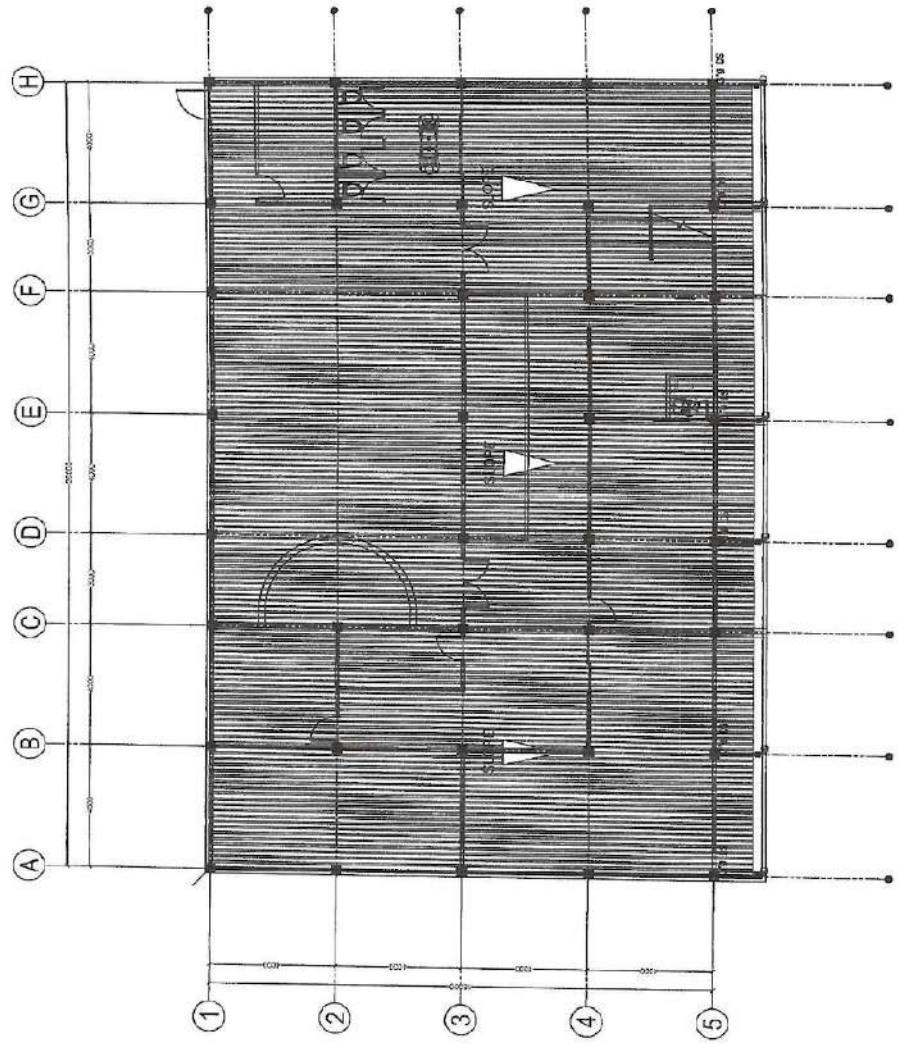
APPROVED BY:
 ABDULLAH M. CUSAH!
 ASSISTANT SENIOR MINISTER

GENERAL NOTES :

- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, UNIFORM PLUMBING CODE AND THE LOCAL RULES AND REGULATIONS OF THE LOCALITY.
- THE CONTRACTOR MUST STUDY THE DRAWINGS CAREFULLY IN ORDER TO ASCERTAIN THE EXACT LOCATION OF ALL THE EXISTING AND PROPOSED UTILITIES.
- PRIOR TO ANY INSTALLATION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL TO THE ENGINEER/ARCHITECT IN SUFFICIENT DETAILS AND IN SCALE OF EITHER 1:50:1:20 OR AS APPROPRIATE.
- ALL DIMENSIONS ARE IN METRIC SYSTEM UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- VERIFY AND RECONCILE THIS DRAWING WITH THE GOVERNING SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON THE APPROVED CONSTRUCTION DRAWINGS. ANY RELOCATION FOR PROPER EXECUTION OF OTHER TRADES SHALL HAVE PRIOR APPROVAL OF THE ENGINEER.
- CORRESPONDING ADJUSTMENTS IN THE ALIGNMENT OR LOCATION OF THE UNDERGROUND UTILITIES WILL BE DONE AND/OR SHOWN BY THE CONTRACTOR THRU SHOP DRAWINGS APPROVED BY THE AUTHORIZED ENGINEER.
- OMISSIONS FROM THE DRAWINGS OR THE MISDESCRIPTION OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS OR WHICH ARE CUSTOMARILY PERFORMED SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF THE WORK BUT SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS.
- ALL PIPE DIAMETERS INDICATED ARE OF NOMINAL DIAMETER IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- PROPOSED UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL PIPES AND STRUCTURES VERIFIED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT THE SITE AND THE WORKS WITH DRAINAGE AND SEWER EFFLUENT POINT AND THE WATER LINE CONNECTING POINT.
- SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND/OR THE UNIFORM PLUMBING CODE.
- RUN ALL HORIZONTAL PIPING IN PERFECT ALIGNMENT & AT UNIFORM GRADE OF NOT LESS THAN 1% FOR PIPE SIZES 75mm^Ø & SMALLER, 100mm^Ø & LARGER AND 2% FOR PIPE SIZES 150mm^Ø & LARGER.
- PROVIDE PIPE CLEANOUTS AS SHOWN IN THE DRAWING AND/OR UNDER THE FOLLOWING CONDITIONS:
 - EVERY CHANGE IN HORIZONTAL DIRECTIONS EXCEEDING 22 1/2°.
 - EVERY 15.0 METERS IN HORIZONTAL RUN OF PIPE.
 - AT END OF ANY HORIZONTAL PIPELINE.
- FOR PROPOSED UTILITIES THAT WILL CROSS EXISTING PAVEMENT, RESTORE SURFACE TO ORIGINAL.
- ALL HORIZONTAL VENT PIPES FORMING BRANCH VENTS SHALL BE AT LEAST 152 MM ABOVE THE FLOOD LEVEL RM OF THE HIGHEST FIXTURE SERVED.

MATERIAL AND SIZE SPECIFICATIONS:

- SOIL/WASTE/VENT/DRAIN PIPES - POLYVINYL CHLORIDE (PVC) PIPES CONFORMING TO ASTM D1784
- COLD & HOT WATER PIPING SYSTEM - POLYPROPYLENE (PPR) "MEXAN"
- GATE VALVE AND CHECK VALVE - MSS-SP 80.
- FLOOR DRAINS, DECK DRAINS, AND BALCONY DRAINS - USE METMA OR APPROVE EQUIV.



ROOF DRAINAGE LAYOUT
SCALE 1:100MM

DESIGNATION

REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
REGIONAL YOUTH DEVELOPMENT TRAINING CENTER

LOCATION : TAMONTANA SUBONG ROAD
COTABATO CITY

PROJECT COORDINATOR (RFP#):
ENGR. ESMAEL CUSOP

RECOMMENDED BY:
ENGR. MOHAMMAD ALI MNSA
PROJECT MANAGER

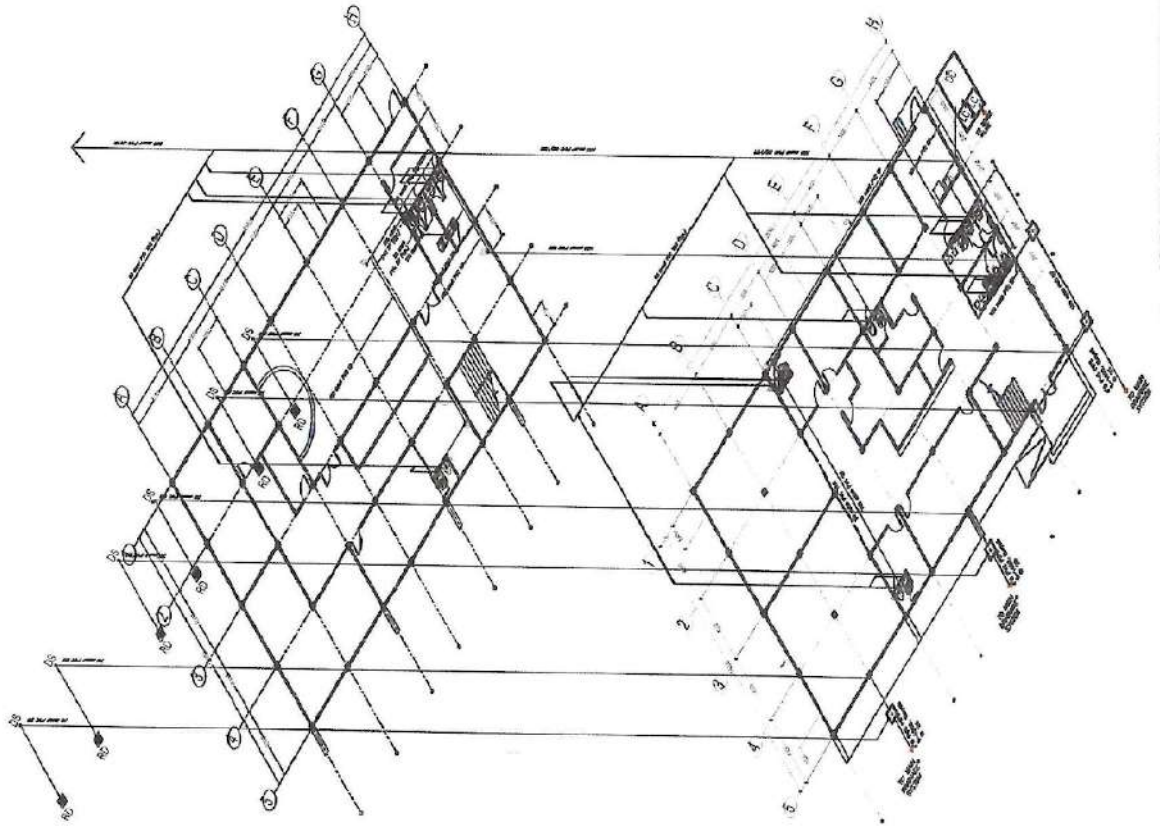
APPROVED BY:
ENGR. ABDULLAH M. CUSAP
ASSISTANT SENIOR MANAGER

SHEET NO. P-03
P-05

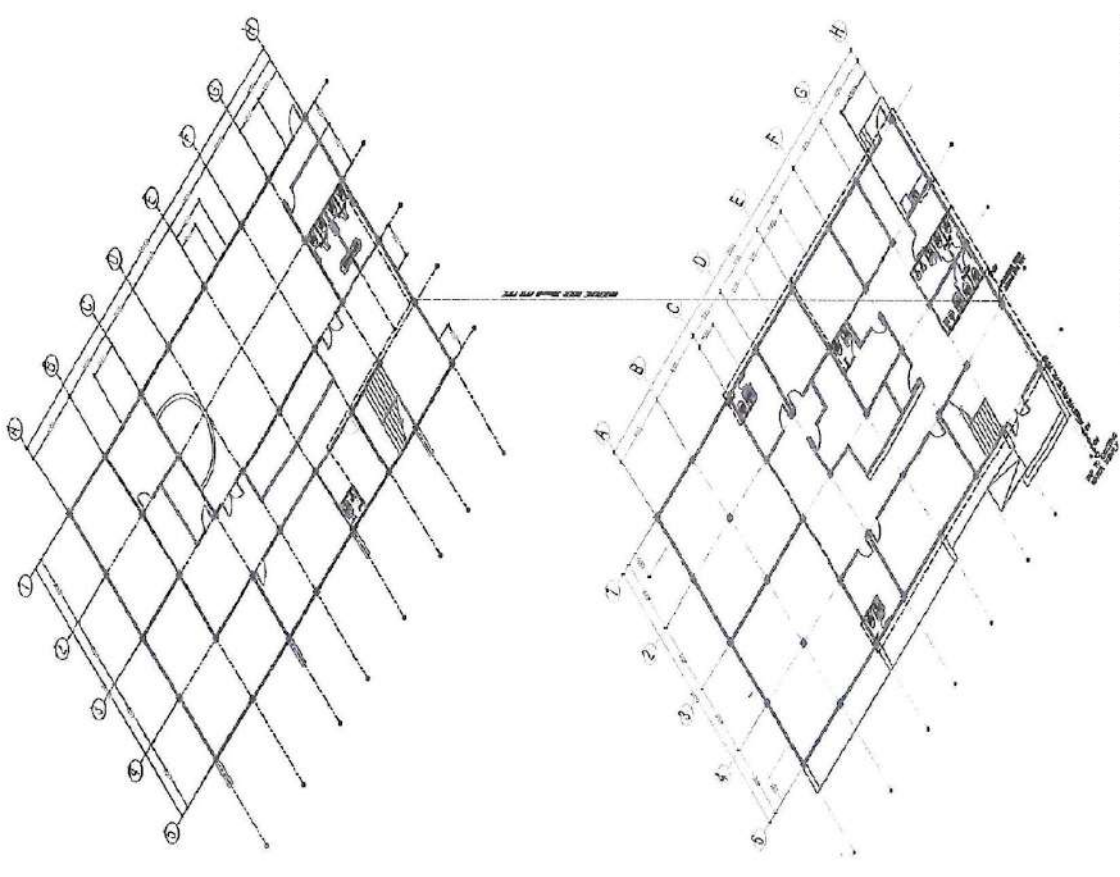
REVISIONS:

NO.	DESCRIPTION	DATE	BY	CHECKED BY
01	ISSUE FOR PERMIT	01/15/2024	ES	ES
02	ISSUE FOR CONSTRUCTION	01/20/2024	ES	ES
03	ISSUE FOR OPERATION	02/01/2024	ES	ES
04	ISSUE FOR MAINTENANCE	02/15/2024	ES	ES
05	ISSUE FOR REPAIR	03/01/2024	ES	ES
06	ISSUE FOR REPLACEMENT	03/15/2024	ES	ES
07	ISSUE FOR MODIFICATION	04/01/2024	ES	ES
08	ISSUE FOR UPGRADE	04/15/2024	ES	ES
09	ISSUE FOR DEMOLITION	05/01/2024	ES	ES
10	ISSUE FOR RECONSTRUCTION	05/15/2024	ES	ES


PROJECT COORDINATOR (RFP#):
ENGR. KABIL A. SUJAK JR., P.E.
PROJECT MANAGER



ISOMETRIC SANITARY AND STORM LAYOUT
SCALE



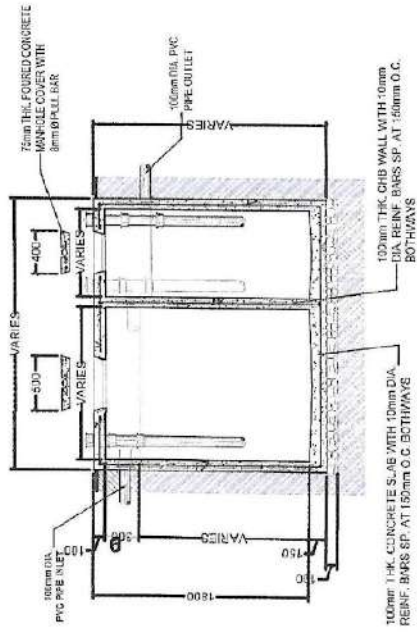
ISOMETRIC WATERLINE LAYOUT
SCALE

 <p>REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PMG BANGSAMORO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRIMING CENTER</p>	<p>PREPARED BY ENGR. HUMSHORIE M. MAMUINTAD, JR. PHOTOGRAPHIC ENGINEER</p>	<p>REVIEWED BY ENGR. KADUS BLAJAJR, P.M.E. SUPERVISOR OF PROJECT</p>	<p>RECOMMENDED BY ENGR. JOPALIN T. ALLMISA REGISTERED ANALYST P.E. AND</p>	<p>APPROVED BY 1. ABDULLAH M. CUSAJI ASSISTANT SENIOR MANAGER</p>	<p>SHEET NO. P-04 P-05</p>
	<p>LOCATION: TANTONTAKA BUBONG ROAD, COTABATO CITY</p>	<p>ENGR. ESMAEL C. ISOP PROJECT OCCUPANT</p>	<p>ENGR. JOPALIN T. ALLMISA REGISTERED ANALYST P.E. AND</p>	<p>ENGR. HUMSHORIE M. MAMUINTAD, JR. PHOTOGRAPHIC ENGINEER</p>	<p>ENGR. ABDULLAH M. CUSAJI ASSISTANT SENIOR MANAGER</p>	<p>PROJECT: OCCUPANT</p>

DESCRIPTION	MINIMUM PIPE SIZE	
	WASTE/SOIL	VENT
LAVATORY	50φ	50φ
URINAL	50φ	50φ
WATER CLOSET	100φ	50φ
SINK	50φ	50φ
SHOWER	50φ	50φ

SCHEDULE OF G.I. PIPE DIAMETER EQUIVALENT TO PPRC/HDPE

DESCRIPTION	PIPE DIAMETER (MM)	INSIDE DIMENSION (MM)	OUTSIDE DIMENSION (MM)
100mm P.P.R.C. / HDPE	100	110	130
75mm P.P.R.C. / HDPE	75	85	105
50mm P.P.R.C. / HDPE	50	60	80
40mm P.P.R.C. / HDPE	40	50	65
32mm P.P.R.C. / HDPE	32	40	50
25mm P.P.R.C. / HDPE	25	32	40
20mm P.P.R.C. / HDPE	20	25	32
15mm P.P.R.C. / HDPE	15	20	25



SECTION

REFER TO THE SEPTIC TANK SIZE COMPUTATION FOR THE DIMENSION

SEPTIC TANK DETAIL SCALE

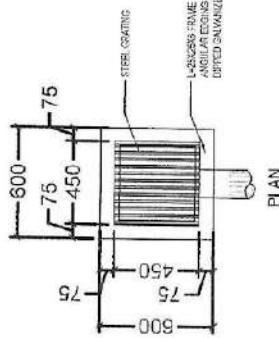
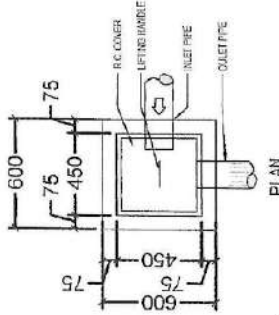
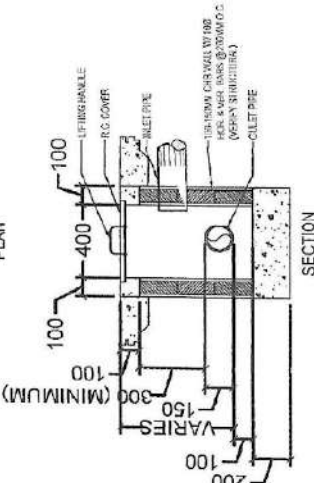


TABLE OF DIMENSION

WASTE INLET (MM)	A (MINIMUM) (MM)	B (MINIMUM) (MM)
150	300	300
100	250	250
75	200	200
50	150	150
40	100	100
32	75	75
25	50	50
20	32	32
15	20	20

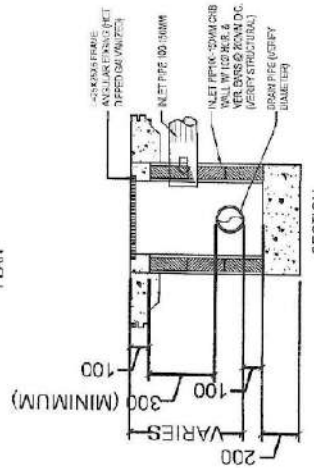


PLAN

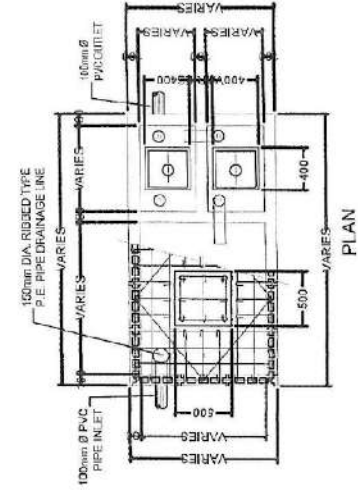


SECTION

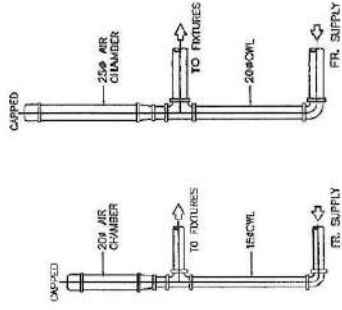
AREA DRAIN/ DATCH BASIN DETAIL SCALE



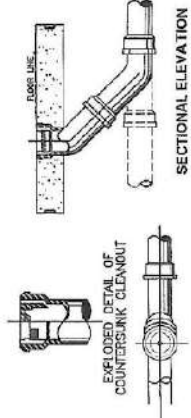
SECTION



PLAN

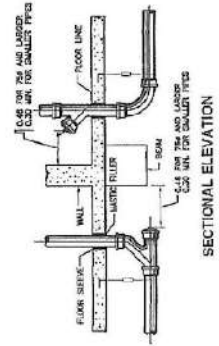


AIR CHAMBER DETAIL SCALE



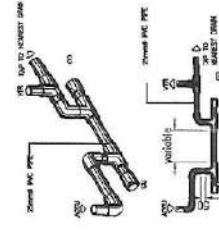
SECTIONAL ELEVATION

FLOOR CLEANOUT DETAIL SCALE

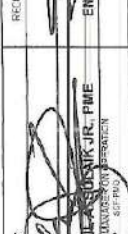


SECTIONAL ELEVATION

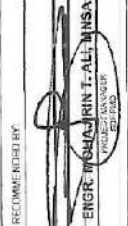
VERTICAL ROOF DRY SCALE



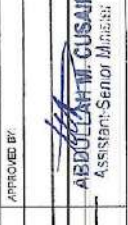
ACQUEDUCATION DETAIL SCALE



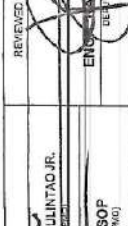
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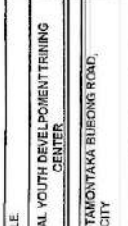
BASE CLEANOUT DETAIL SCALE



SECTIONAL ELEVATION



SECTIONAL ELEVATION



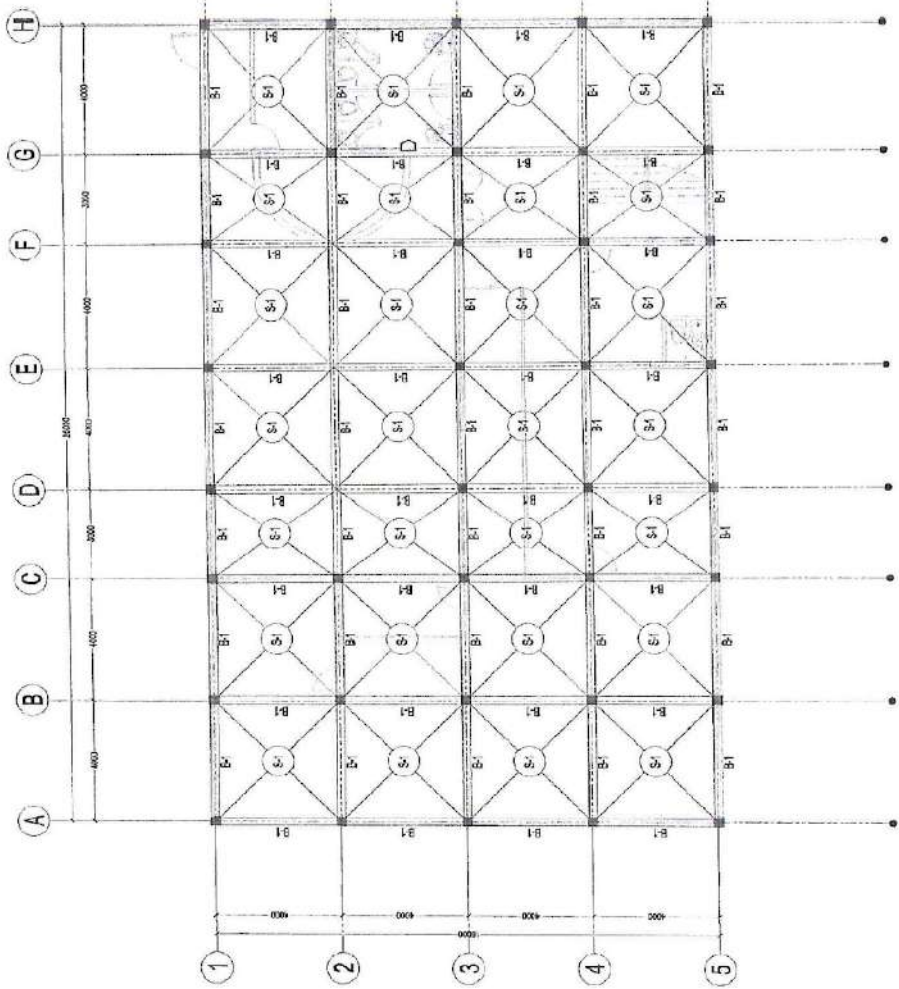
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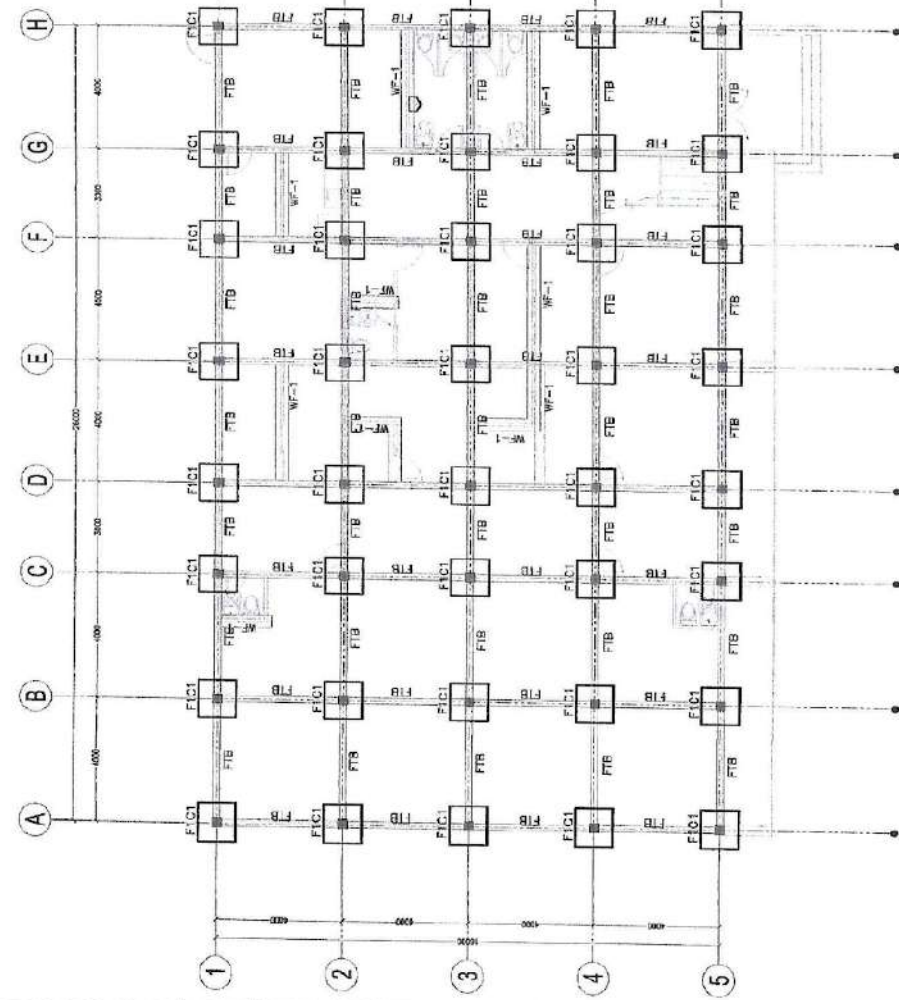
SECTIONAL ELEVATION



SECTIONAL ELEVATION

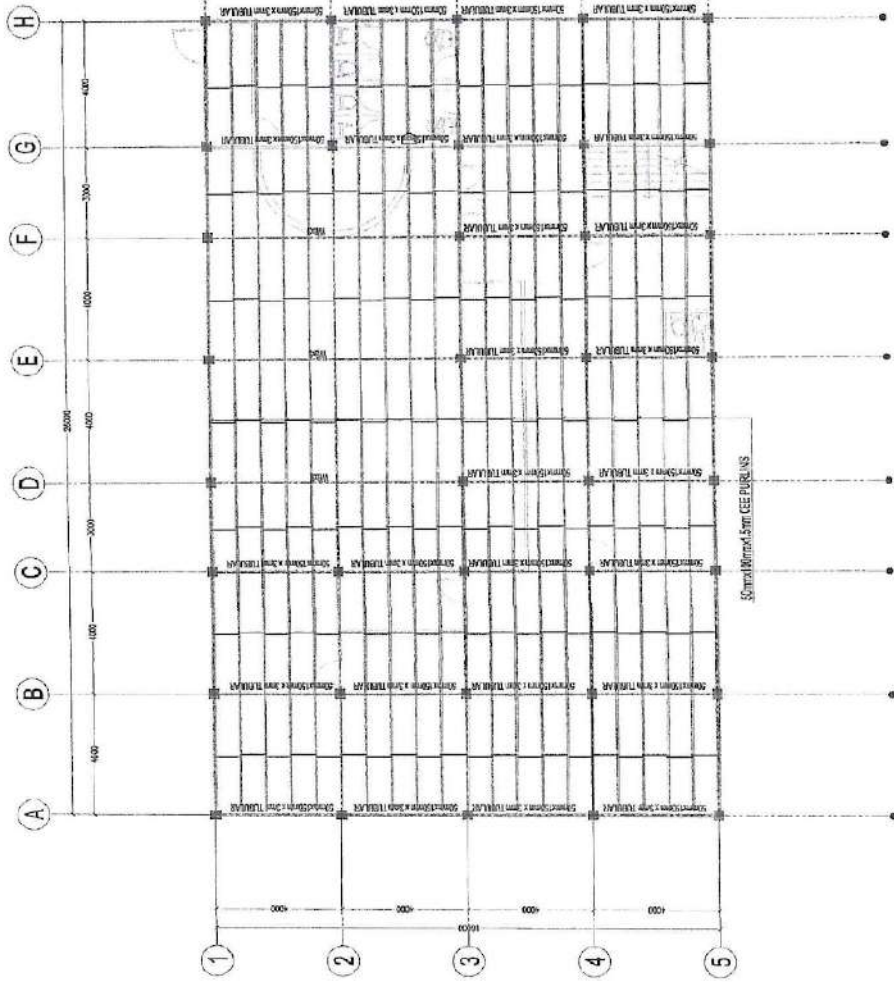


SECOND FLOOR FRAMING PLAN
SCALE 1:100MM

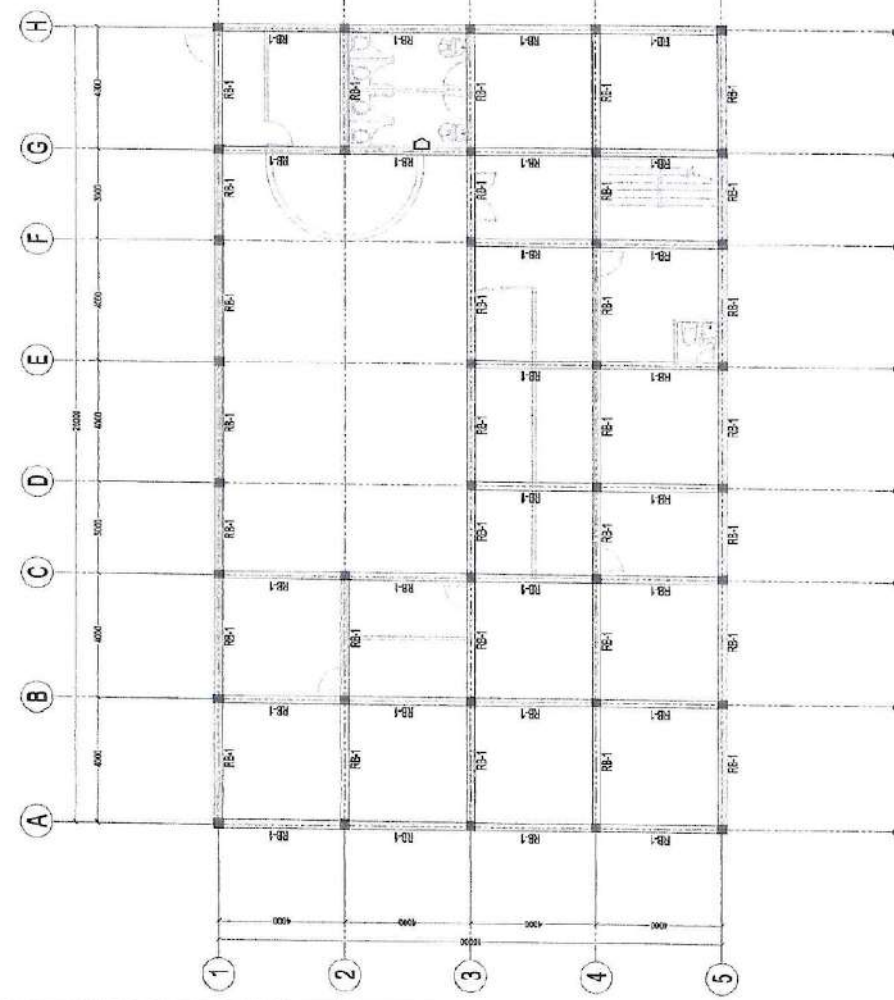


FOUNDATION PLAN
SCALE 1:100MM


 <p>REPUBLIC OF THE PHILIPPINES BANGSAKO ALYONKOPUS REGIONAL MINDANAO SPECIAL DEVELOPMENT FUND - PMO BANSAKOPRO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE REGIONAL YOUTH DEVELOPMENT TRAINING CENTER</p> <p>TAMONTAKA BUBONG ROAD, COTABATO CITY</p>	<p>PREPARED BY: ENGR. ESMERALDO P. UJOP Project Supervisor (for PMO)</p>	<p>RECOMMENDED BY: ENGR. MOHAMMAD ALI MNSA Project Manager</p>	<p>APPROVED BY: ABDULLAH M. CUSANI Assistant Senior Minister</p>	<p>SHEET NO. 9-01 9-03</p>
	<p>PROJECT LOCATION ENGR. ESMERALDO P. UJOP PROJECT SUPERVISOR (FOR PMO)</p>	<p>RECOMMENDED BY: ENGR. MOHAMMAD ALI MNSA PROJECT MANAGER</p>	<p>APPROVED BY: ABDULLAH M. CUSANI ASSISTANT SENIOR MINISTER</p>	<p>SHEET NO. 9-01 9-03</p>	



ROOF BEAM PLAN
SCALE 1:100MM



ROOF BEAM PLAN
SCALE 1:100MM

 <p>REPUBLIC OF THE PHILIPPINES BANGSAMORO AUTONOMOUS REGION - MUSLIM MINDANAO SPECIAL DEVELOPMENT FUND - PMO BANGSAMORO GOVERNMENT CENTER, COTABATO CITY</p>	<p>PROJECT TITLE: REGIONAL YOUTH DEVELOPMENT TRAINING CENTER TAMONTAKA BUBONG ROAD, COTABATO CITY</p>	<p>PREPARED BY: ENGR. HUMSHIRE A. MARULITAO JR. PROJECT ENGINEER (P.E. 1838-1903)</p>	<p>REVIEWED BY: ENGR. SAJID A. USOP PROJECT COORDINATOR (P.E. 1838-1903)</p>	<p>RECOMMENDED BY: ENGR. MOHARRIR T. ALI, MNSEA PROJECT MANAGER (P.E. 1838-1903)</p>	<p>APPROVED BY: ABDULLAH M. CUSANI Assistant Senior Minister</p>	<p>SHEET NO: S-02 S-03</p>
	<p>ROOF FRAMING PLAN SCALE 1:100MM</p>					

Section VIII. Bill of Quantities

Contract Name: Construction of Regional Youth Development Training Center

Location of the Contract: Tamontaka, Bubong Road, Cotabato City

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (Pesos)	AMOUNT (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
PART I. OTHER GENERAL REQUIREMENTS					
A.1.1(3)	Construction of Field Office for the Engineer	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.3	Permits and Clearances	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.4(1)	Construction Survey and Layout	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.5	Project Billboard/ Sign Board	each	2.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.7(2)	Occupational Safety and Health	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

B.9	Mobilization and Demobilization	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
PART II. CIVIL, MECHANICAL, SANITARY/ PLUMBING WORKS, & OTHER WORKS					
800(2)	Clearing and Grubbing	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
803(1)a	Structure Excavation (Common Soil)	cu.m.	100.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
804(1)a	Embankment from Structure Excavation	cu.m.	118.08	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
804(1)b	Embankment from Common Borrow by Equipment	cu.m.	507.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
804(4)	Gravel Bedding	cu.m.	50.70	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
900(1)	Structural Concrete for Footing Tie Beam, Column, Suspended Slab, Girder/Beam (Class A, 28 days)	cu.m.	234.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

902(1)a	Reinforcing Steel (Deformed), Grade 40	kg.	30,376.38	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
903(2)	Formworks and Falseworks (Two to Five Storey)	sq.m.	910.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1001(6)	Catch Basin (Concrete/CHB)	each	36.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1046	100mm CHB Non-load Bearing (including Reinforcing Steel)	sq.m.	1,404.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1027(1)	Cement Plaster Finish	sq.m.	2,808.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1047(2)	Structural Steel Roof Truss	kg.	1,100.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1047(2)c	Structural Steel Purlins	kg.	3,100.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

1047(3)a	Metal Structure Accessories (Anchor Bolts)	each	104.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1047(3)b	Metal Structure Accessories (Sagrods)	each	98.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1047(3)c	Metal Structure Accessories (Turnbuckle)	each	28.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1047(3)d	Metal Structure Accessories (Cross Bracing)	each	28.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1013(2)c	Fabricated Metal Roofing Accessory (Gutter)	ln.m.	26.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1014(1)b 2	Prepainted Metal Sheets (Rib Type Longspan)	sq.m.	452.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1018(1)	Glazed Tiles and Trims	sq.m.	524.86	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1032(1)a	Painting Works	sq.m.	2,410.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

	(Masonry Painting)			<hr/> <hr/> <hr/> In Figures:	<hr/> <hr/> <hr/> In Figures:
1032(1)c	Painting Works (Metal Painting)	sq.m.	291.68	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1032(1)b	Painting Works (Wood Painting)	sq.m.	258.93	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1003(1)a 1	Ceiling (4.5mm, Metal Frame, Fiber Cement Board)	sq.m.	379.16	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1003(1)g 2	PVC Ceiling on Metal Frame	sq.m.	510.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1007(2)	Aluminum Framed Glass Door)	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1006(6)	Steel Doors and Frames	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:
1010(4)	Wooden Doors and Windows	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:	In Words: Pesos: <hr/> <hr/> <hr/> In Figures:

				<hr/> <hr/> In Figures: <hr/>	<hr/> <hr/> In Figures: <hr/>
1008(2)	Aluminum Glass Windows	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1003(23)	Modular Partition	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1001(8)	Sewer Line Works	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1001(9)	Storm Drainage and Downspout	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1002(4)	Plumbing Fixtures	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1002(24)	Cold Water Line Works	L.S.	1.00	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>	In Words: Pesos: <hr/> <hr/> In Figures: <hr/>
1001(11)	Septic Vault (Concrete/CHB)	L.S.	1.00	In Words: Pesos: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/>

				<hr/> <hr/> In Figures: <hr/> <hr/>	<hr/> <hr/> In Figures: <hr/> <hr/>
1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in) Septic Vault (Concrete/CHB)	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
1101(33)	Wires and Wiring Devices	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
1102(1)	Panel Board with Main Breaker	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
1103(1)	Lighting Fixtures & Lamps	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
1208(1)	Fire Alarm System	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
1106(1)	CCTV System	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/> In Figures: <hr/> <hr/>
SPL-1	Architectural Works	L.S.	1.00	In Words: Pesos: <hr/> <hr/> <hr/>	In Words: Pesos: <hr/> <hr/> <hr/>

				In Figures: _____	In Figures: _____
SPL-2	Fire Exit Platform	L.S.	1.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____

AMOUNT

IN

WORDS:

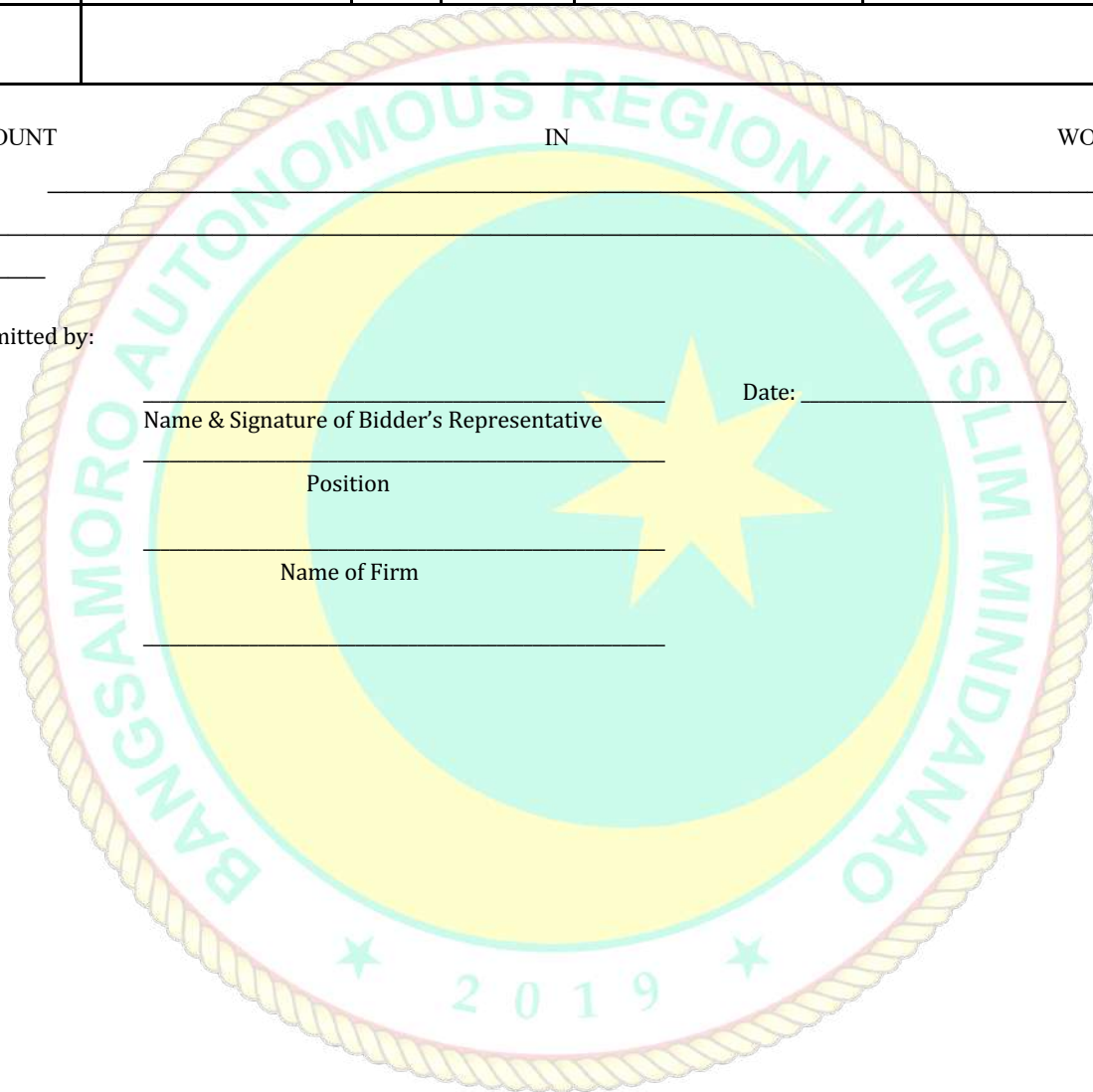
Submitted by:

Date: _____

Name & Signature of Bidder's Representative

Position

Name of Firm



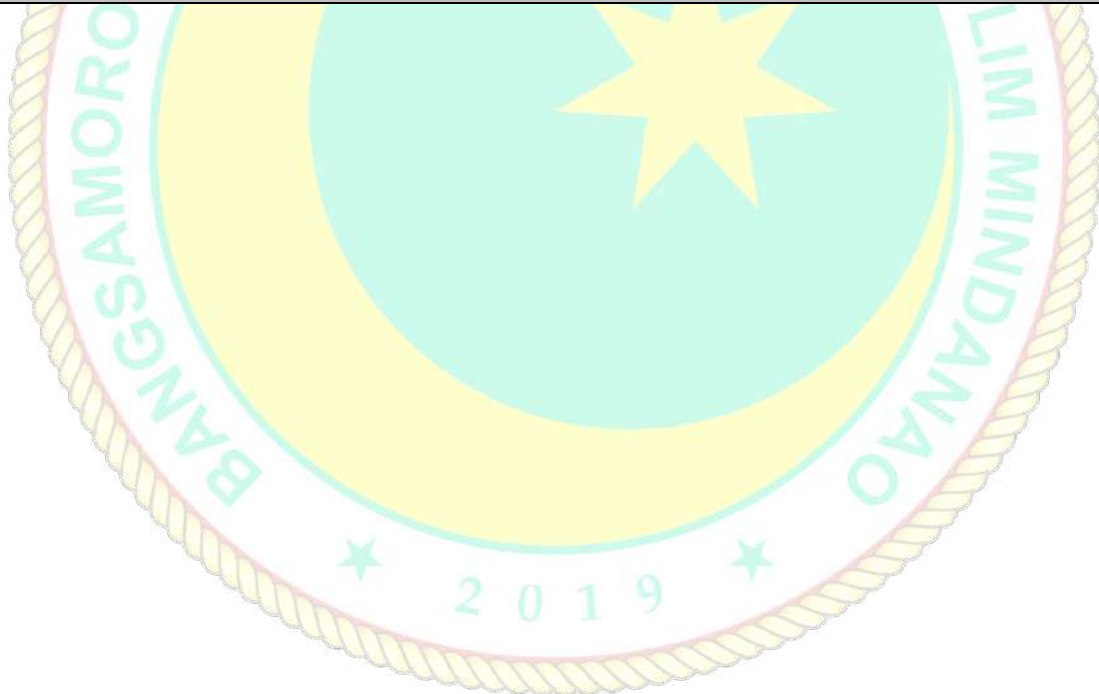
Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.



Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- (e) 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**
- (f) 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**
- (g) Special PCAB License in case of Joint Ventures **and** registration for the type and cost of the contract to be bid; **and**
- (h) 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**
- (i) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (j) 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

- (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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



Section X. Bidding Forms

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: **OFFICE OF THE CHIEF MINISTER**
Bangsamoro Government Center, Cotabato City

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 guidelines² for this purpose;

- h. We are not participating, as Bidders, in more than one Bid in this bidding process,

² currently based on GPPB Resolution No. 09-2020

- 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 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].
 - l. 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.

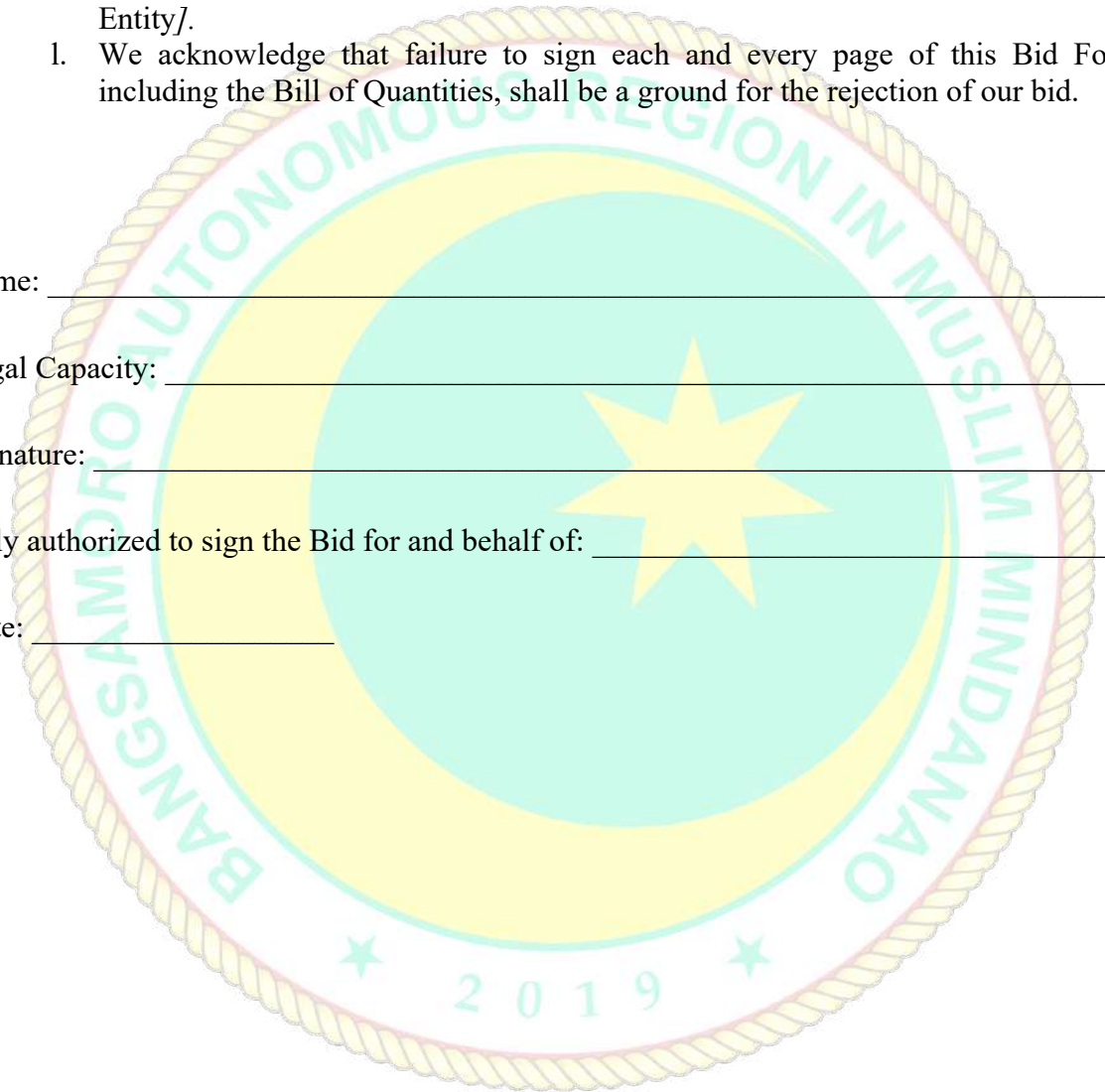
Name: _____

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: *Office of the Chief Minister
Bangsamoro Government Center, Cotabato City*

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

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ___ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____



Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

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 Office of the Chief Minister, 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 Office of the Chief Minister, 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, 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;
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

SUBSCRIBED AND SWORN to before me this ___ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government

identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ [date issued], [place issued]

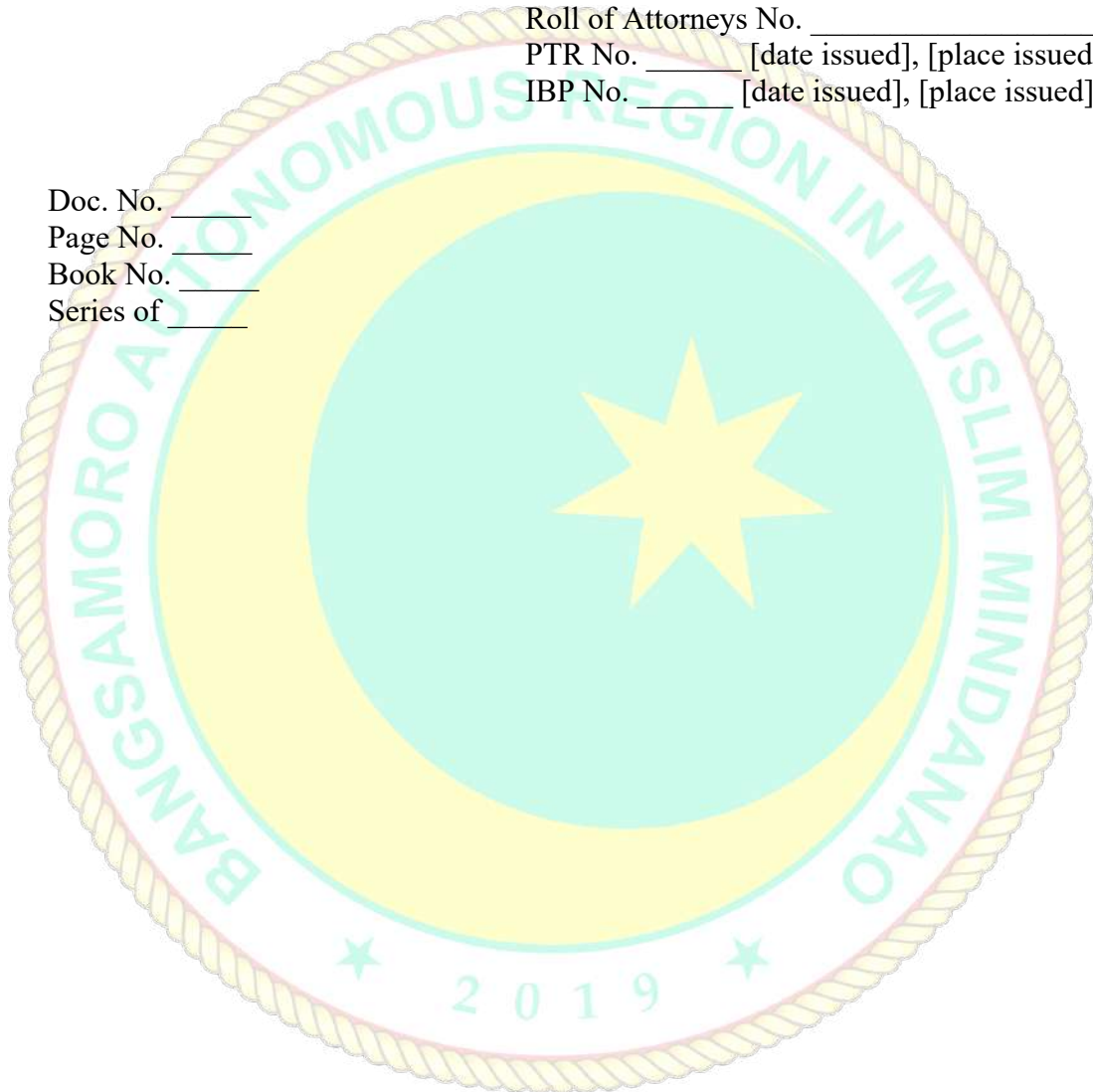
IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____



**STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO
THE CONTRACT TO BE BID**

Name/Title of the Single Contract:

Parties to the Contract:

a. _____; and

b. _____

Amount of the Contract: _____ (inclusive of all applicable taxes and other charges/VAT exclusive)

Date of Completion: _____

Contract Period/Duration: _____

Description of Similar Contract: (description should show similarity with the requirement)

Supporting Documents attached showing the above information. Please put a check (√) mark on the document submitted:

- | | |
|--|--|
| <input type="checkbox"/> Contract | <input type="checkbox"/> Certificate of Acceptance |
| <input type="checkbox"/> Job Order | <input type="checkbox"/> Certificate of Satisfactory Performance, if available |
| <input type="checkbox"/> Purchase Order | <input type="checkbox"/> Statement of Account showing payment |
| <input type="checkbox"/> Notice of Award | <input type="checkbox"/> Delivery Receipt |
| <input type="checkbox"/> Notice to Proceed | <input type="checkbox"/> |
| <input type="checkbox"/> Sales Invoice | Others: _____ |
| <input type="checkbox"/> Official Receipt | |
| <input type="checkbox"/> Certificate of Completion | |

For purpose of validating the similar contract, the bidder shall provide the following:

a. **Name of Contact Person:** _____

b. **Active/Working Telephone (landline/mobile number/s) and Fax number/s:** _____

c. **Active/Working E-mail address/es:** _____

Submitted by:

NAME OF THE BIDDER OR ITS AUTHORIZED REPRESENTATIVE AND ITS SIGNATURE

Designation



STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS

Name of the Company: _____

Address: _____

STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING AWARDED BUT NOT YET STARTED

Name of Contract	a. Name of the Procuring Entity; b. Contact Person; c. Address; d. Contact Nos:	a. Contract References (PO/Contract); b. Contract Date c. Contract Duration	a. Estimated Completion or Delivery	Contract Amount	% of Accomplishment		Value of Outstanding Works/Undelivered Portion
					Planned	Actual	
GOVERNMENT							
PRIVATE							
					Total Cost		

This statement shall be supported by:

1. Notice of Award;
2. Contract, if applicable; and
3. Notice to Proceed, if applicable.

Submitted by:

NAME OF THE BIDDER OR ITS AUTHORIZED REPRESENTATIVE AND ITS SIGNATURE
Designation





Republic of the Philippines



Government Procurement Policy Board