



REQUEST FOR QUOTATION
NO.: RFQ-2024-039

Date: **August 8, 2024**

Name of the Company : _____
Address : _____
Contact No. : _____
PhilGEPS Registration No. : _____

Sir/Madam:


Please quote your best offer (lowest net, price, taxes, and government discount terms included) and **submit your Quotation duly signed by you or your duly authorized representative not later than August 14, 2024 @ 3:00 PM** for:

Name of the : **REHABILITATION OF ARFF FACILITY AT BAGUIO AIRPORT**
Project
Location : **BAGUIO AIRPORT**
Terms of :
Reference

Sealed quotations must be submitted either personally to Ms. Hazelle May C. Andres, Head, Secretariat of the Bids and Awards Committee of Laoag International Airport (BAC-LIA) or e-mail at bac_area1@caap.gov.ph. For any clarification, do not hesitate to contact us through the contact information seen below.

Aside from the Terms and Conditions provided at the back portion of this RFQ, please observed the following general conditions:

- The following documents must be attached upon submission of the Quotation:
 - Mayor's Permit
 - PhilGEPS Certificate of Registration
- All quotations shall be considered as fixed price and not subject to price escalation during the contract implementation.
- Payment shall be made through check.


ATTY. RIZZA JOY S. VALLESTERO
Chairperson, Bids and Awards Committee

After having carefully read and accepted the Terms and Conditions, I/We submit our quotations for the following item/s:

ITEM DESCRIPTION (SPECIFY THE BRAND AND MODEL OF YOUR OFFER/PROPOSAL, IF APPLICABLE)	APPROVED BUDGET OF THE CONTRACT (ABC)	OFFER*						REMARKS
		PRICE				Compliance w/ Technical Specifications		
		QTY	UNIT	Unit Price	Total Price	Yes	No	
1. Supply of materials, equipment and labor which will be used for the project titled: "Rehabilitation of ARFF	₱382,399.58	1	Lot					



<div>Facility at Baguio Airport”</div> <div>SCOPE OF WORKS:</div> <div>1. Site Works</div> <div>2. Ceiling Works</div> <div>3. Painting Works</div> <div>4. Plumbing Works</div> <div>5. Electrical Works</div> <div>6. Fixtures</div> <div>7. Other General Requirements</div> <div>8. Project Billboard</div> <div>Number of Days to Complete: Fifty (50) Calendar Days</div>								
TOTAL ABC	₱382,399.58							
GRAND TOTAL:								

Note: Quotation for each item must not exceed the ABC per item

Signature over Printed Name

Supplier/Dealer/Contractor



TERMS AND CONDITIONS

1. Bidders shall provide correct and accurate information required in this form.
2. Price quotation/s must be valid for a period of Thirty (30) calendar days from the date of submission.
3. Price quotation/s shall be denominated in Philippine Peso which includes all taxes, duties and/or levies payable.
4. Quotations exceeding the ABC shall be rejected.
5. Award of contract shall be made to the lowest quotation (for goods and infrastructure) or, the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein. Further, the most advantageous to the government to the point of quality of materials and prices as well as the responsiveness of the bids shall be the basis of the award.
6. *The Head of the Procuring Entity reserves the right to reject any and all bids, declare a failure of bidding or not award the contract in any of the following conditions set forth by Sec. 41 (Reservation Clause) of the Revised IRR of RA 9184.*
7. The Supply Office of LIA shall have the right to inspect and to test the goods to confirm their conformity to the technical specifications.
8. *Date of Completion/Delivery:* In case of an approved POW, within the period stated therein. While, in cases of regular procurement, within 7-10 days or less, after the issuance of the Purchase Order. Further, any request of extension shall be sent to the End-User/Implementing Facility concern.
9. *Mode and Terms of Payment:* Within ten (10) working days after the supplies/materials and labor/service have been inspected and accepted, respectively, through a check issued by the procuring entity.
10. Liquidated damages equivalent to one tenth of one percent (0.001%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. This Office (LIA) shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.

NOTE: The aforecited Terms and Conditions shall be without prejudice to any provisions of a Contract which will be executed by and between the Procuring Entity and Contractor/Supplier/Dealer in order to conform with the requirements set forth by RA 9184.





I. SITE WORKS

/ Quantity: 1 lot

A. DIRECT COST

1.	MATERIALS		QUANTITY		UNIT COST		AMOUNT
	1	Portland Cement	2	bags		/bags	
	2	Sand	1	Cu. Mtr.		/Cu. Mtr.	
	3	Gravel	1	Cu. Mtr.		/Cu. Mtr.	
	4	10mm RSB	4	pc.		/pc.	
	5	5" Concrete Hollow blocks	15	pc.		/pc.	
MATERIAL COST							

2.	EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
	1						
EQUIPMENT COST							

3.	no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
	1	Foreman	3	day		/day	
	1	Skilled Laborer	3	day		/day	
	2	Common Laborer	3	day		/day	
LABOR COST							

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Dire	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



II. CEILING WORKS

/ Quantity: 180 sq. mtr.

A. DIRECT COST

a.

MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	Fiber Cement Board 4' x 8' x 3.5mm	63	pc.		/pc.	
2	Double Furring Channel (19mmx50mmx0.5mm x 5m)	104	pc.		/pc.	
3	Blind Rivet	3	box		/box	
4	Wall Angle	48	pc.		/pc.	
5	Self drilling ficem board screw (20mm)	2600	pc.		/pc.	
6	Gypsum putty (5kg)	2	pail		/pail	
7	Joint perforated tape (2")	8	rolls		/rolls	
8	Assorted concrete nail	3	kg.		/kg.	
		MATERIAL COST				

b.		EQUIPMENT	QUANTITY		UNIT COST		AMOUNT
1	Scaffoldings - 8 sets		10	days		/days	
			EQUIPMENT COST				

c.	no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1	1	Foreman	7	day		/day	
2	2	Skilled Laborer	7	day		/day	
3	3	Common Laborer	7	day		/day	
LABOR COST							

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Dire	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



III. Painting Works

/ Quantity: 300 sq. mtr.

A. DIRECT COST

a. MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	Flat latex paint	4	pail		/pail	
2	Acrylic latex paint (color optional)	8	pail		/pail	
3	Roller brush	5	pc.		/pc.	
4	Assorted paint brush	4	pc.		/pc.	
5	QDE Paint (Chocolate Brown)	1	lit		/lit	
6	Flat wall enamel	1	lit		/lit	
MATERIAL COST						

b. EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
1	Scaffoldings - 8 sets	4	day		/day	
EQUIPMENT COST						

c.		no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1	1		Foreman	3	day		/day	
2	1		Skilled Laborer	3	day		/day	
3	2		Common Laborer	3	day		/day	
LABOR COST								

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Dire	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



IV. PLUMBING WORKS

/ Quantity: 1 lot

A. DIRECT COST

a. MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	1/2"Garden faucet with hose bibb	2	pc.		/pc.	
2	PPR Elbow w/ thread 20mm dia.	6	pc.		/pc.	
3	20mm dia. PPR pipe, PN20	3	pc.		/pc.	
4	G.I. Coupling reducer, 32mm x 25mm	1	pc.		/pc.	
5	PPR Plain tee reducer, 25mm x 20mm	4	pc.		/pc.	
6	25mm dia. PPR pipe, PN20	5	pc.		/pc.	
7	Dual Angle Valve (brass)	2	pc.		/pc.	
8	Angle valve, single	3	pc.		/pc.	
9	Plain PPR union patente, 32mm dia.	3	pc.		/pc.	
10	Brass check valve HD, 32mm dia.	2	pc.		/pc.	
11	Brass Ball valve, 1" dia.	2	pc.		/pc.	
12	1" G.I. Pipe, Schd. 40	1	pc.		/pc.	
13	82gal. Stainless pressure tank	1	set		/set	
14	1HP Electronic Motor pump (max PSI: 65ps	1	unit		/unit	
15	Autotmatic Pump control	1	set		/set	
16	Pressure switch	1	unit		/unit	
17	Pressure gauge	1	unit		/unit	
18	32mm dia. G.I. Pipe	1	pc.		/pc.	
19	G.i. 1" x 1" Elbow	2	pc.		/pc.	
20	G.I. Tee reducer 3" x 1"	1	pc.		/pc.	
21	Wall faucet (Stainless steel 304)	3	unit		/unit	
22	Deck mounted faucet (stainless steel 304, satin finish)	2	unit		/unit	
23	Hand Shower (ABS plastic,with hose)	2	unit		/unit	
MATERIAL COST						

b. EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
1						
EQUIPMENT COST						

c.		no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1		1	Foreman	5	day		/day	
2		2	Skilled Laborer	5	day		/day	
3		1	Common Laborer	5	day		/day	



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LABOR COST	
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TOTAL DIRECT COST

B. INDIRECT COST

1. OCM(Overhead, Contingencies, Miscellaneous)			
2. CONTRACTORS PROFIT			
		TOTAL MARK-UP	
3. Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1. DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



V. Electrical Works

/ Quantity: 1 lot

A. DIRECT COST

a. MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	LED Flood light 150watts - IP65, Material: Aluminum/glass, Lumens: 15000, Daylight	4	pc.		/pc.	
2	Recessed pin light (6" metal case with glass cover, 18watts day light LED bulb)	31	pc.		/pc.	
3	3.5mm^2 THHN wire	1	roll		/roll	
4	25mm dia. PVC conduits Schd40	16	pc.		/pc.	
5	Electrical tape	2	pc.		/pc.	
6	Circuit breaker 30AT 2P, bolt on	2	pc.		/pc.	
7	NEMA 3R, rain-tight, bolt on	1	pc.		/pc.	
8	2 gang switch (wide series)	2	set		/set	
9	3 gang switch (wide series)	3	set		/set	
10	1 gang switch (wide series)	1	set		/set	
11	2 gang convenience outlet (universal w/ pla	4	set		/set	
12	1 gang Convenience outlet(universal w/ pla	2	set		/set	
MATERIAL COST						

b. EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
1					/	
EQUIPMENT COST						

c.		no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1	1	1	Foreman	4	day		/day	
2	1	1	Skilled Laborer	4	day		/day	
3	1	1	Common Laborer	4	day		/day	
LABOR COST								

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	



3. Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1. DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



VI. FIXTURES

/ Quantity: 1 lot

A. DIRECT COST

a. MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	1.8m x 2.1m Double Panel Door (Complete with door jamb, hinges, bolt door latch, door knob, painted finish)	1	set		/set	
2	0.7m x 2.1PVC Door (complete with door jamb, hinges, door knob)	1	set		/set	
MATERIAL COST						

b. EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
1						
EQUIPMENT COST						

c.		no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1	1		Foreman	2	day		/day	
2	1		Skilled Laborer	2	day		/day	
3	2		Common Laborer	2	day		/day	
LABOR COST								

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Dire	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



VII. Other General Requirements

/ Quantity: 1 lot

A. DIRECT COST

a. MATERIALS		QUANTITY		UNIT COST		AMOUNT
1					/	
2					/	
3					/	
MATERIAL COST						

b. EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
1	PPE(vest,gloves, safety shoes)	6	set		/set	
EQUIPMENT COST						

c.		no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1		1	Safety Officer	5	days		/days	
2								
3								
LABOR COST								

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



VIII. Project Billboard

/ Quantity: 1 lot

A. DIRECT COST

a.	MATERIALS		QUANTITY		UNIT COST		AMOUNT
	1	Project Tarpaulin 8' x 8' (with frame)	1	lot		/lot	
			MATERIAL COST				

b.	EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
	1						
			EQUIPMENT COST				

c.	no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1							
2							
3							
LABOR COST							

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST



GENERAL SPECIFICATIONS

I. INTRODUCTION

The works to be accomplished by the successful bidder shall consist of furnishing, supervision of labor, materials, tools and equipment to complete the Scope of Works for the project: **Rehabilitation of ARFF Facility at Baguio Airprot**. The details of work are best enumerated below; however, it is understood that the contract includes all works and services though not specifically mentioned herein, but are needed to fully complete the project shall be undertaken by the contractor.

All Scope of works must be according to plans and specifications. The Quality and types of materials must conform to the specifications and must be approved first by the Engineer-In-Charge assigned by CAAP-LIA

II. STATEMENT OF WORK

A. Scope of Work

- i. The Scope of Work includes the furnishing of all necessary labor, equipment, tools, materials, supplies, supervision, and expertise necessary to perform the following.
 1. **Site Works** – The work includes the elevation of Door 2 (D-2). The door should be elevated to 0.5 m from the finish floor line. Also, the work includes the concreting of the base foundation for the new water system, with a dimension of 1.2 m x 1.2 m x 0.1 m thick. Please see the attached plans and drawings.
 2. **Ceiling Works** – The work includes the installation of new framing for the ceiling and the installation of 3.5mm fiber cement board. (see attached drawings for location and details). Approximate area is 180 sq. Mtr.
 3. **Painting Works** – The work includes the painting of the newly installed ceiling and the existing Masonry walls of the old admin building. Apply flat latex first, then finish it with acrylic latex paint for the ceiling and masonry wall. Approximate area is 300 sq. Mtr.
 4. **Plumbing works** – The work includes the installation of an 82-gal. pressure tank paired with a 1.0-hp electric motor pump. The water source should be connected to the existing 3" G.I. pipe from the overhead water tank. The water distribution line should be replaced with PPR pipes and fittings. The work also includes the replacement of various plumbing fixtures, e.g., wall faucets and hand showers. Please refer to the attached plans and drawings.
 5. **Electrical works** – The work includes the replacement of old lighting with recessed pin lights (specifications: 6" metal case with glass cover, 18 watts, day light LED bulb), and the replacement of defective flood lights (specifications:



150 watts, IP65 rated, 1500 lumens, day light). Also, it includes the replacement of switches and outlets. Lastly, the work includes the installation of the power supply for the new pressure pump. Please refer to the attached plans and drawings.

6. **Fixtures** – The work includes the replacement of Door 1 and Door 2. Please refer to the attached plans, drawings, and program for the specifications.
7. **Other General Requirements** – Occupational Safety and Health Program
8. **Project Billboard** – The work includes the installation of framed tarpaulin (8'x 8')
9. **Siphoning** – The work includes siphoning of one (1) septic tank with a dimension of L 13' x W 5' x D 5'. The contractor or service provider must issue the agency the required Certificate of Treatment from an accredited treatment facility by DENR. Lastly, the septic tank must be manually cleaned, and the sewerage pipe must be declogged.

B. Work Schedule

The Contractor shall provide the necessary manpower, tools, equipment, materials and supplies to insure timely accomplishment and delivery. Depending on the work, the contractor can flexibly up-size or down size its manpower, equipment, materials, etc. with the ultimate objective of delivering satisfactory on time result and performance.

1. Working Time

- Work is done regularly at daytime. The working time is eight (8) hours a day, six days a week including holiday.
- At Special Cases, works can be done at night after the operation of the airport. Working time can be within 10pm – 6am.

2. Work Method

- Work methodology will be formulated by the contractor and CAAP-LIA authorities prior to implementation of the contract.

C. Man Power Schedule

The Minimum manpower required during contract implementation shall be:



Civil Engineer/Safety Officer	2years supervisory experience with safety training certificate
Painter	--
Driver	--
Laborer	--

The contractor shall provide the necessary manpower to properly accomplish all necessary related works. The contractor shall designate a competent representative who shall be available at the area to oversee working operation being carried out and to receive instructions from the Airport officials. The contractor's authorized representative shall be responsible for the overall management and coordination of work to be performed as contract provisions and shall act as central point with the government agency. The contractor's authorized representative shall have full authority to act thereat in behalf of the contractor's name while in the premises.

i. Identification

1. The Contractor's personnel shall be recognizable while in airport premises. This will be accomplished by the used of uniforms and printed with the company's name of the contractor. All expenses for uniforms and badges shall be borne by the contractor. All contractor's personnel shall always be in uniform.

D. Equipment, Tools and Consumables required to be used for the project

1. Scaffoldings

The Contractor shall provide the required number of equipment, tools and consumables to accomplish all necessary works provided in the contract. The contractor's equipment provided therein shall be used exclusively for the contracted services.

The use of other kind of equipment other than that stated thereof will not be permitted, unless otherwise approved by the authority. Any delay caused, by stoppage of work being authorized by the office concerned will not be taken against the contractor.

E. Service Vehicle

The Contractor shall make available, during the performance of the contract, at least one (1) service vehicle with good condition, for use by the airport authority's representative/engineers for the purpose of inspection, monitoring, measuring, laboratory testing and other activities relative to the implementation of the project.



F. Handheld radios

If project location is within the Restricted Area of the Airport, the contractor is required to have at least one (1) Hand Held Radio for Proper Coordination with Control Tower or any personnel involved in the flight operation under CAAP.

G. Period of Implementation

The contract shall be implemented within the FY2024. Provided that the contractor will only proceed upon written notice from the duly authorized representative of the Authority to commence with the project, which notice must not be less than seven (7) days from the start date.

H. Guidelines

The contractor shall always establish a complete quality control program to adhere with the following requirements while carrying out his function and responsibilities during the implementation of the contract.

i. Quality Assurance and Corresponding Penalties

The Contractor shall establish a system of quality control program to assure that the requirements of the contract are provided as specified. One copy of the contractor's quality control program shall be submitted to the Authority prior to start of the contracted services. An updated copy must be provided as changes occur. The program shall include but not limited to the following.

- An inspection system, covering all the services to be performed under the contract. This must specify areas to be inspected on either a scheduled or unscheduled basis or such personnel who will perform the inspection.
- A method for identifying deficiencies in the quality of services rendered, before the level of performance becomes unacceptable.
- Contractor shall provide the following uniform to all its employees:
 - A shirt with a contractor's logo/name with pants of any color or any equivalent uniform acceptable to CAAP-LIA
 - A penalty amounting to Fifty Pesos (P 50.00) per day per person shall be imposed on personnel who are not in prescribed uniform while on duty.

ii. Safety and Security Measures



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The Contractor shall adhere to all standards and recommended practices stipulated by the airport authority and shall, under no circumstances, violate standard rules and regulations.

- The Contractor and his employees shall always comply with the security and safety requirements imposed by the management while in the airport premises.
- The Contractor is hereby instructed that aircraft operations and movements and the safety thereof, shall always take precedence over any operation.

In case of within the restricted area, a presence of authorized handheld radio operator is assigned and shall obtain clearance from the Control Tower from time to time for thorough safety.

- The Contractor shall, always keep paved surfaces such as runways, taxiways and hard stands free from hazardous materials.


Prepared:


RENZ ALDRINE A. CORPUZ
Engineer

Checked/Verified:


JOEFFREY B. LAGADON
Engineer II, FIC-BGM

Approved:


RONALD V. ESTABILLO
Civil Aviation Area Manager, Area I
Head, Area Cluster I



1 PERSPECTIVE
1:1



2 Vicinity Map
1:75



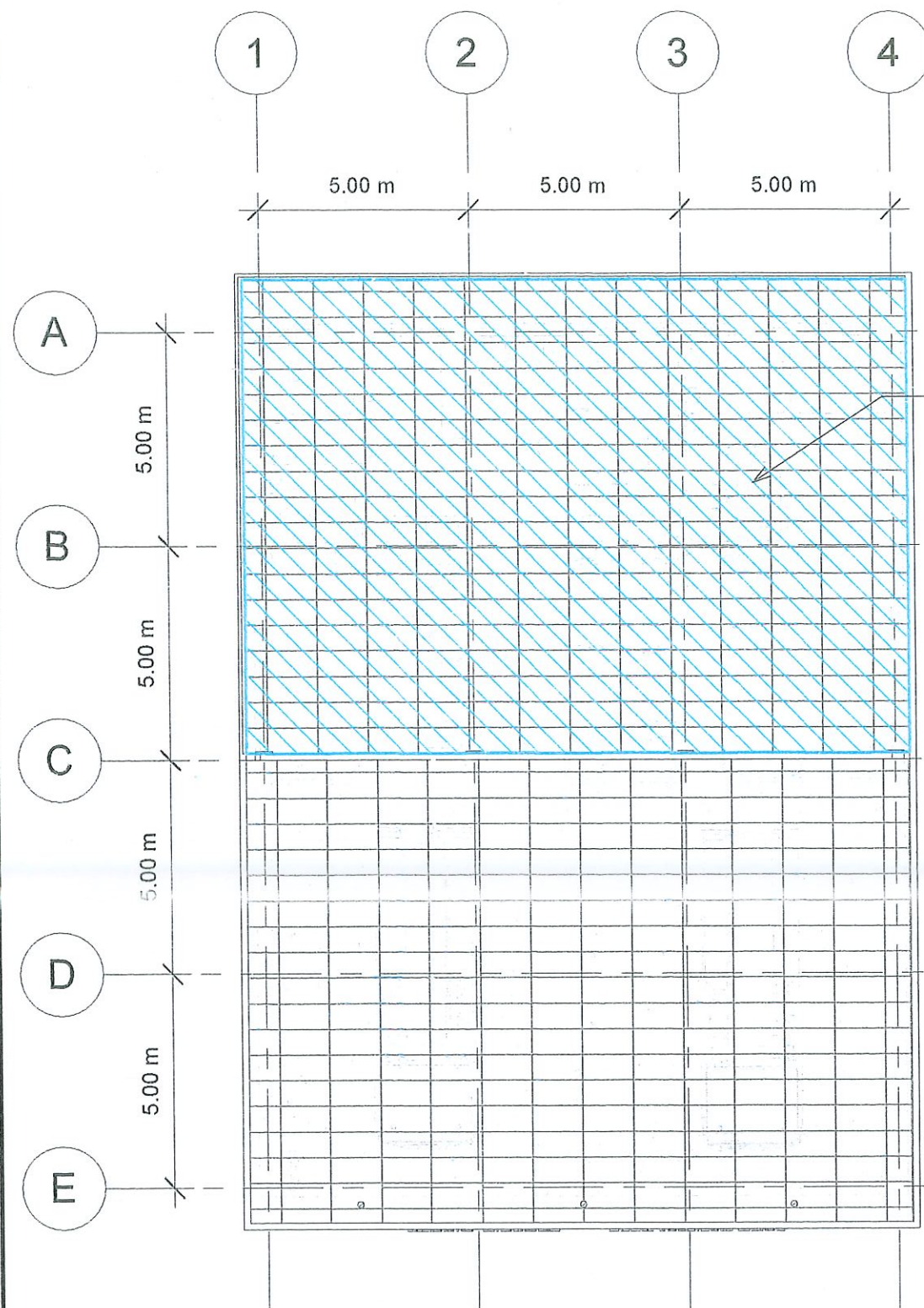
REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: **RENZ ALDRINE A. CORPUZ**
Engineer
CHECKED/VERIFIED: **JOEFFREY B. LAGADON**
Engineer II, FIC - EGM

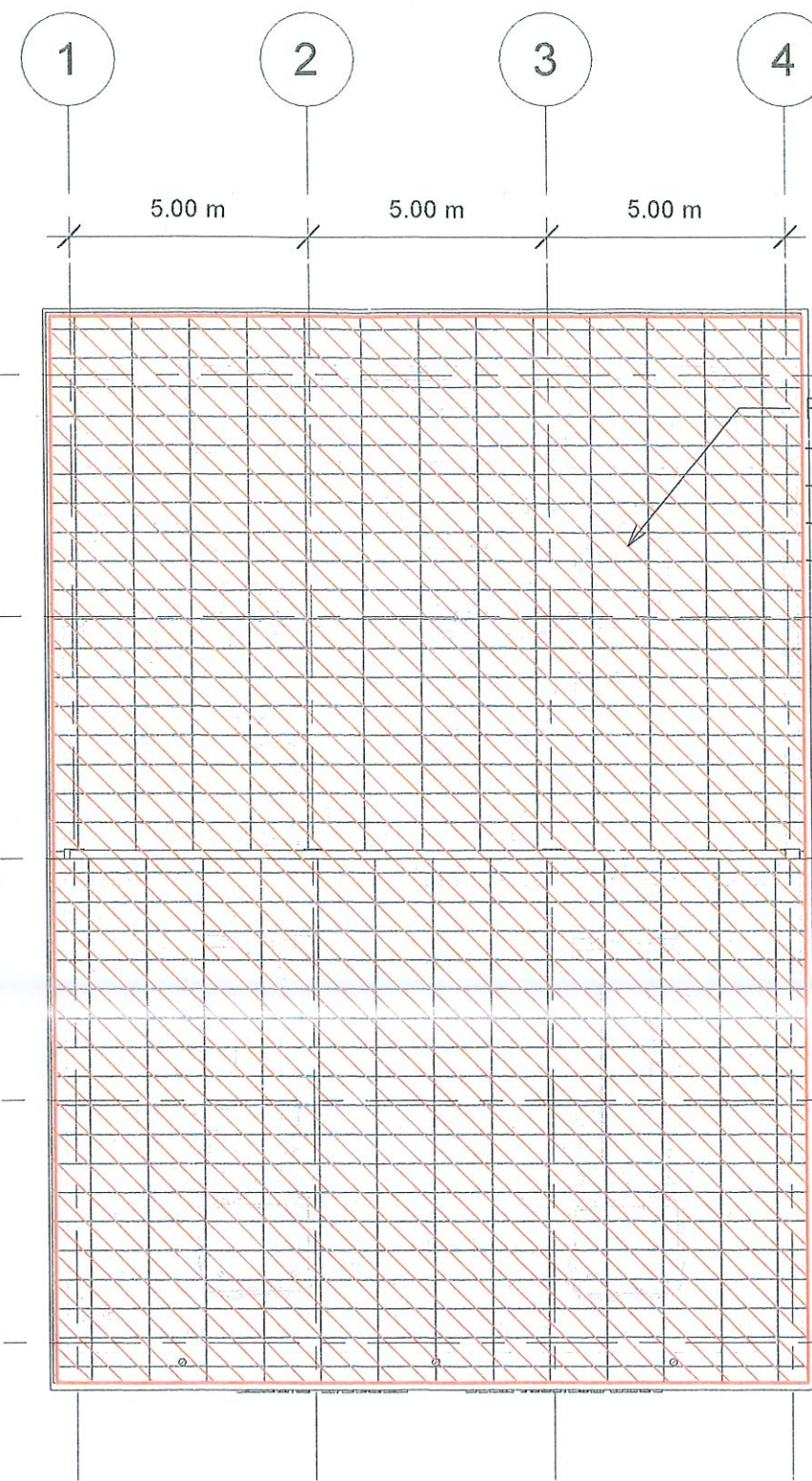
PROJECT TITLE:
REHABILITATION OF ARFF FACILITY AT
BAGUIO AIRPORT
LOCATION:
Baguio Airport

APPROVED: **RONALD V. ESTABILLO**
CIVIL AVIATION AREA MANAGER, AREA 1

SCALE: As
indicated
Unnamed
7



Replacement of Ceiling
-Approx. Area = 180 sq. mtr.



Painting Works
-approx. area = 300 sq.mtr.
-interior and exterior ceiling
-Acrylic latex paint finish (white)
-Flat latex paint (primer)

1 CEILING WORKS
1 : 150

2 PAINTING WORKS
1 : 150



REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: **RENZ ALDRINE A. CORPUZ**
Engineer
CHECKED/VERIFIED: **JOEFFREY B. LAGADON**
Engineer II, FIC - BGM

PROJECT TITLE:
REHABILITATION OF ARFF FACILITY AT
BAGUIO AIRPORT
LOCATION:
Baguio Airport

APPROVED: **RONALD V. ESTABILLO**
CIVIL AVIATION AREA MANAGER, AREA 1

SCALE: 1 : 150

Unnamed
4



LEGENDS:

-  Recessed pin light (6" ,18 watts)
-  LED Flood light (150 watts)

Scope:

- Replacement of lighting
- Replacement of
 - 2set - 2 gang switch
 - 3set - 3 gang switch
 - 1 set - 1 gang switch
 - 3 set - 2 gang convenience outlet
 - 2 set - 1 gang convenience outlet
- Replacement of LED flood lights

1 Electrical Works
1 : 150



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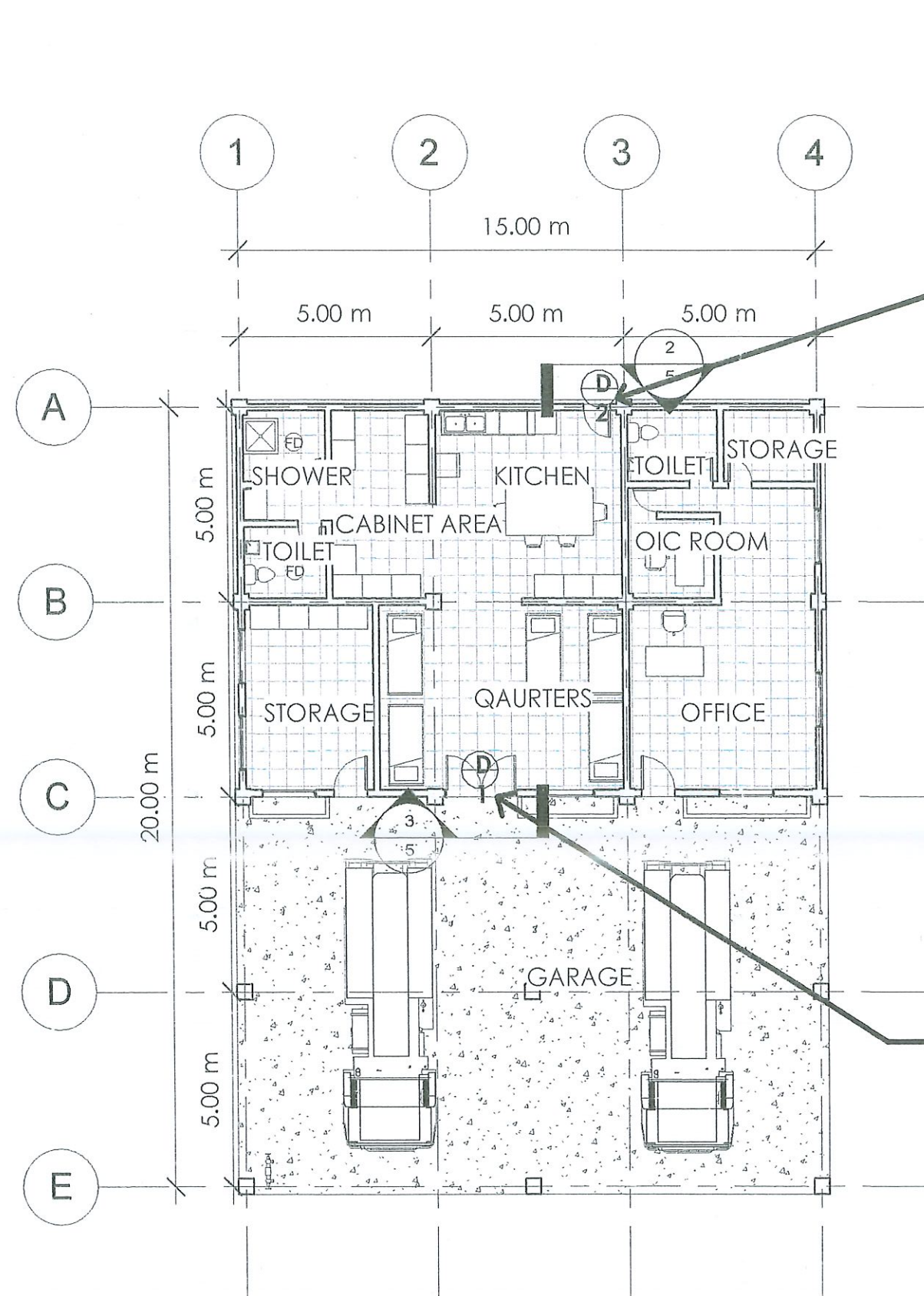
PREPARED: **RENZ ALDRINE A. CORPUZ**
Engineer
CHECKED/VERIFIED: **JOEFFREY B. LAGADON**
Engineer II, FIC - BSM

PROJECT TITLE:
REHABILITATION OF ARFF FACILITY AT
BAGUIO AIRPORT
LOCATION:
Baguio Airport

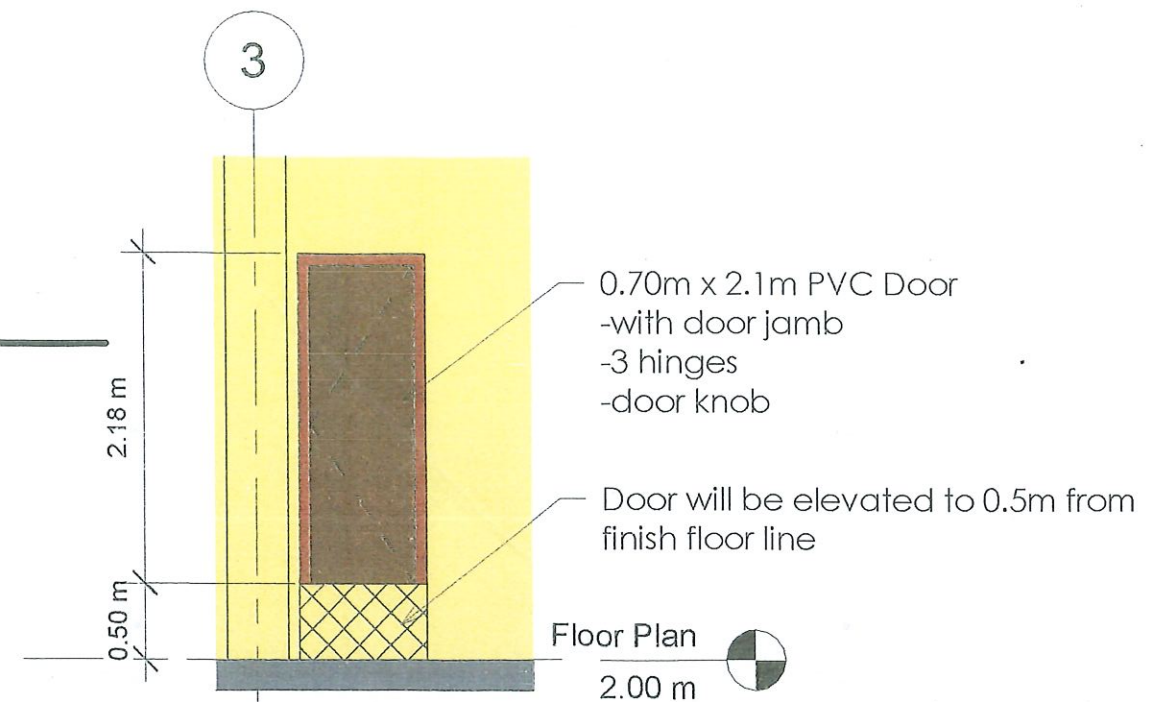
APPROVED: **RONALD V. ESTABILLO**
CIVIL AVIATION AREA MANAGER, AREA 1

SCALE: 1 : 150

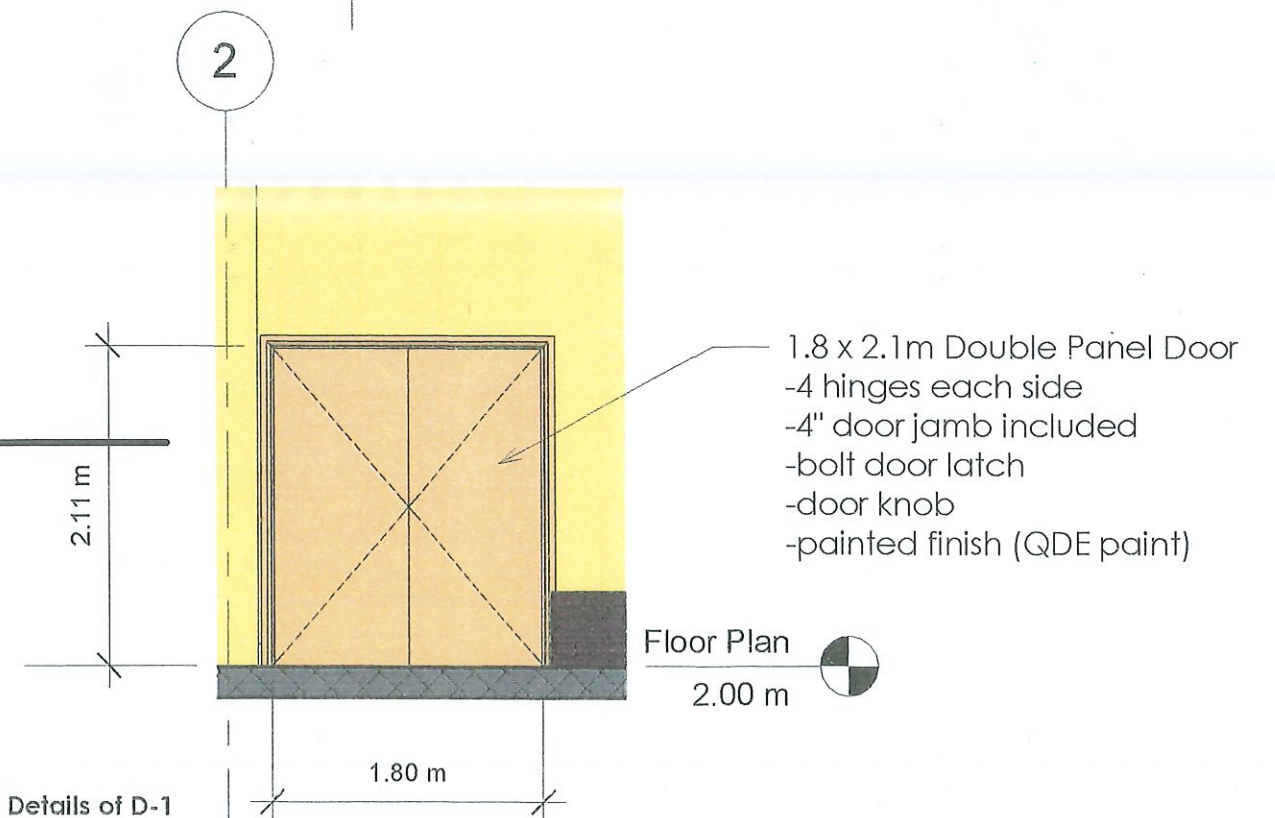
Unnamed
6



1 Floor Plan
1 : 150



2 Details of D-2
1 : 50



3 Details of D-1
1 : 50



REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:

RENZ ALDRINE A. CORPUZ
Engineer

CHECKED/VERIFIED:

JOEFFREY B. LAGADON
Engineer II, PIC-BOM

PROJECT TITLE:

REHABILITATION OF ARFF FACILITY AT
BAGUIO AIRPORT

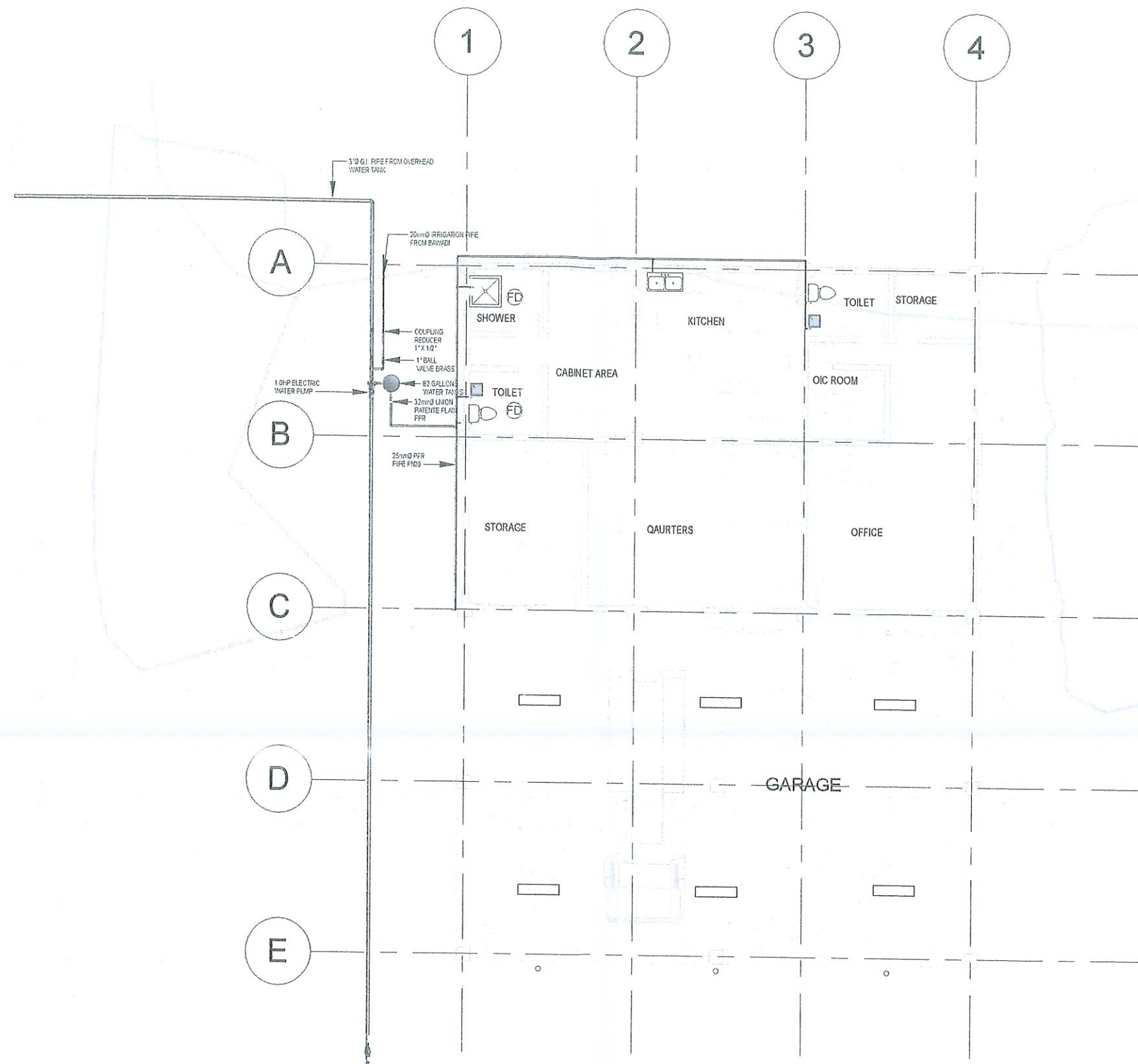
LOCATION:

Baguio Airport

APPROVED:

RONALD V. ESTABILLO
CIVIL AVIATION AREA MANAGER, AREA 1

SCALE: As
indicated
Unnamed
5



1 Floor Level Plumbing
1 : 150



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED: ROMUALDO U. BAYANGOS
ELECTRICAL ENGINEER

CHECKED/VERIFIED: JOEFFREY B. LAGADON
ENGINEER IN CHARGE

PROJECT TITLE:
REHABILITATION OF ARFF FACILITY AT BAGUIO AIRPORT

LOCATION/ADDRESS:
BAGUIO AIRPORT LOAKAN BAGUIO CITY

RONALD V. ESTABILLO

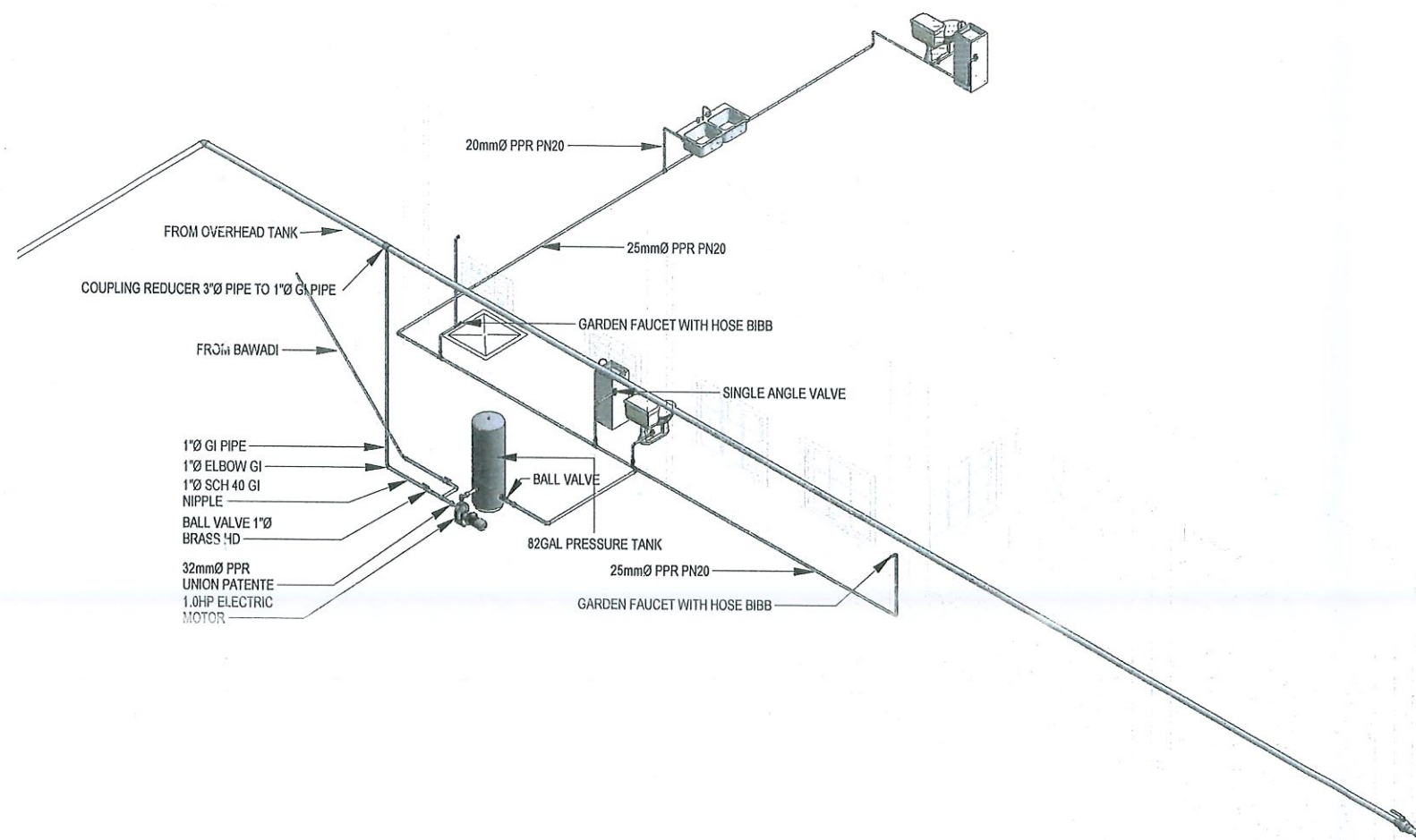
CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

WATER SYSTEM

01

SCALE:

1 : 150



1 ISOMETRIC VIEW

LIST OF MATERIALS:

1/2" GARDEN FAUCET WITH HOSE BIBB	2 PCS
ELBOW WITH THREAD PPR 20mmØ	6 PCS
PLAIN ELBOW PPR 20mmØ	7 PCS
20mmØ PPR PN20	3 PCS
COUPLING REDUCER 32mmX25mm	1 PC
PPR PLAIN TEE REDUCER 25mmX20mm	4 PCS
25mmØ PPR PN20	5 PCS
ANGLE VALVE DUAL	2 PCS
ANGLE VALVE SINGLE	3 PCS
PLAIN PPR UNION PATENTE 32mmØ	3 PCS
BRASS CHECK VALVE HD 1"Ø	2 PCS
1" GI ELBOW	4 PCS
PLAIN ELBOW PPR 32mmØ	1 PC
82 GAL PRESSURE TANK STAINLESS	1 UNIT
1.0HP ELECTRIC MOTOR PUMP	1 UNIT
1"Ø GI PIPE SCH40	1 PC
SHOWER HEAD	1 UNIT
COUPLING REDUCER 3"Ø X 1"Ø	1 PC
25mmØ PVC CONDUITS SCH40	16 pcs
3.5mm² THHN WIRE	50 MTRS
ELECTRICAL TAPE BIG	2 PCS
CIRCUIT BREAKER 30AT 2P BOLT ON	2 PCS
NEMA 3R RAIN TYPE BOLT ON	1 PC

2 LIST OF MATERIALS
1 : 100



Republic of the Philippines

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:
ROMUALDO U. BAYANGOS
ELECTRICAL ENGINEER

CHECKED/VERIFIED:
JOEFFREY B. LAGADON
ENGINEER II/EIC-BGM

PROJECT TITLE:
REHABILITATION OF ARFF FACILITY AT BAGUIO AIRPORT

LOCATION/ADDRESS:
BAGUIO AIRPORT LOAKAN BAGUIO CITY

RONALD V. ESTABILLO

CIVIL AVIATION AREA MANAGER, AREA 1
HEAD, CLUSTER AREA CENTER 1

WATER SYSTEM

02

SCALE:

1 : 100