



REQUEST FOR QUOTATION  
NO.: RFQ-2023-019

Date: May 4, 2023

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 **MAY 10, 2023 at 9:00AM** for:

Name of the Project : **REPAIR/REPAINTING OF RUNWAY MARKINGS/MARKERS AT LINGAYEN AIRPORT AND VIGAN AIRPORT**  
Location : **LINGAYEN AIRPORT AND VIGAN 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 [areacenter1\\_bac@caap.gov.ph](mailto:areacenter1_bac@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	
<b>LOT-I: Supply of labor and materials which will be used for the project titled: "REPAIR/REPAINTING OF RUNWAY MARKINGS/MARKERS FOR LINGAYEN AIRPORT"</b>  <b>Scope of Works:</b> <b>1. Carpentry Works</b>	₱446,373.80	1	Lot					



**Republic of the Philippines**  
**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**

<b>2. Painting Works</b> <b>3. Other General Equipment</b>  <b>No. of Days to Complete:</b> <b>Thirty (30) Calendar Days</b>								
<b>LOT-II: Supply of labor and materials which will be used for the project titled: "REPAIR/REPAINTING OF RUNWAY MARKINGS/MARKERS FOR VIGAN AIRPORT"</b>  <b>Scope of Works:</b> <b>1. Carpentry Works</b> <b>2. Painting Works</b> <b>3. Other General Equipment</b>  <b>No. of Days to Complete:</b> <b>Thirty (30) Calendar Days</b>	<b>₱481,731.50</b>	<b>1</b>	<b>Lot</b>					
<b>TOTAL ABC</b>	<b>₱928,105.30</b>							
<b>GRAND TOTAL:</b>								

**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 aforesaid 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.**

**AGENCY** : Department of Transporta  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
**LOCATION** : LINGAYEN AIRPORT, LINGAYEN PANGASINAN  
**SUBJECT** : BILL OF QUANTITY/DETAILED ESTIMATE

**I. CARPENTRY WORKS**  
 ( 1.00 LOT)

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	1" x 2" S4S lumber	bd. Ft.	/bd. Ft.	
2	2" x 2" S4S lumber	bd. Ft.	/bd. Ft.	
3	2"x4" S4S lumber	bd. Ft.	/bd. Ft.	
4	4' x 8' Plain G.I. Sheet (GA. 26)	pc.	/pc.	
5	Red Oxide Primer	gal.	/gal.	
6	Quick Dry Enamel -Red	gal.	/gal.	
7	Quick Dry Enamel -White	gal.	/gal.	
8	Quick Dry Enamel-Black	gal.	/gal.	
9	Paint Thinner	gal.	/gal.	
10	Assorted Paint Brush	pc.	/pc.	
11	1.5" G.I. Pipe Sched. 40	pc.	/pc.	
12	3/16" x 2" Flat Bar	pc.	/pc.	
13	Mixed Sand & Gravel	bags	/bags	
14	Portland Cement	cu. Mtr.	/cu. Mtr.	
15	Assorted CWN	kg.	/kg.	
<b>MATERIAL COST</b>				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Minor Tools (10% of Labor Cost)	lot	lot	
<b>EQUIPMENT COST</b>				

3.	No. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
<b>LABOR COST</b>					

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

3.	Value 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**

**AGENCY** : Department of Transportation  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
**LOCATION** : LINGAYEN AIRPORT, LINGAYEN PANGASINAN  
**SUBJECT** : BILL OF QUANTITY/DETAILED ESTIMATE

**II. PAINTING WORKS**

**Quantity:** 3,656 sq. mtr.

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	Acrylic Latex Paint (Yellow)	pail	/pail	
2	Acrylic Latex Paint (White)	pail	/pail	
3	Roller Brush Big	pc.	/pc.	
4	Assrtd. Paint Brush	pc.	/pc.	
5	2.5mm Guide Rope	rolls	/rolls	
6	Acrylic Latex Paint (Gray)	pail	/pail	
<b>MATERIAL COST</b>				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Service Vehicle (Motorcycle w/ Side Car)	day	/day	
2			/	
3				
<b>EQUIPMENT COST</b>				

3.	No. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	/day	
2		Skilled Laborer	day	/day	
3		Common Laborer	day	/day	
<b>LABOR COST</b>					

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

3.	Value 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**

**AGENCY** : Department of Transportation  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
**LOCATION** : LINGAYEN AIRPORT, LINGAYEN PANGASINAN  
**SUBJECT** : BILL OF QUANTITY/DETAILED ESTIMATE

**III. OTHER GENERAL REQUIREMENTS**

( 1.00 LOT)

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1			/	-
<b>MATERIAL COST</b>				-

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Reflectorize Vest	pc.	/pc.	
2	Safety Gloves	pc.	/pc.	
3	Dual Band Two-Way Radio	unit	/unit	
4				
<b>EQUIPMENT COST</b>				

3.	No. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Safety Officer	days	days	
2					
<b>LABOR COST</b>					

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

3.	Value 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 Civil Aviation Authority of the Philippines, Area I have in its Annual Procurement Plan Repair/Repainting of Runway Markers/markings in it's all airports. The project is being funded yearly as it aims to maintain the runway markings and markings of the airport necessary in its operations.

The repainting, primarily deals with the maintenance of runway Markings and Markers at the Airside. Therefore, the Authority is forced to hire the services of a private contractor/supplier to undertake the project due to its areas covered. The contractor/supplier shall comply with the provisions of this Term of Reference from the onset until the end of the implementation.

### 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. The contractor/service provider shall undertake the Repainting and Corrections of Runway Markings and markings and other related activities such as: Fabrication of new 4 units – Runway end markings, 7 units - Distance To-Go Markers at the Airside Area.. Total Area of Markings to be repainted is **3,016 Sq. Mtr.**

#### Lingayen Airport

Runway Day Markings (White Reflectorized Paint)	AREA IN SQUARE METER
SIDE STRIPE	634
CENTER LINE	136
TOUCH DOWN ZONE	270
THRESHOLD	720
AIMING POINT	1080
RUNWAY TRANSVERSE	106
DESIGNATION NUMBER	70
<b>Sub-Total</b>	<b>3,016</b>

Runway Day Markings (Yellow Reflectorized paint)	AREA IN SQUARE METER
Apron	100
<b>Sub-Total</b>	<b>100</b>



<b>Erasures of Markings</b>	<b>AREA IN SQUARE METER</b>
Touch Down Zone	540
<b>Sub-Total</b>	<b>540</b>

## B. Work Schedule

The Contractor shall perform the Repair/repainting of runway Markers and Markings with rules and policies of the airport.

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. Service Vehicle-at least 1

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

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 FY2023. 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.

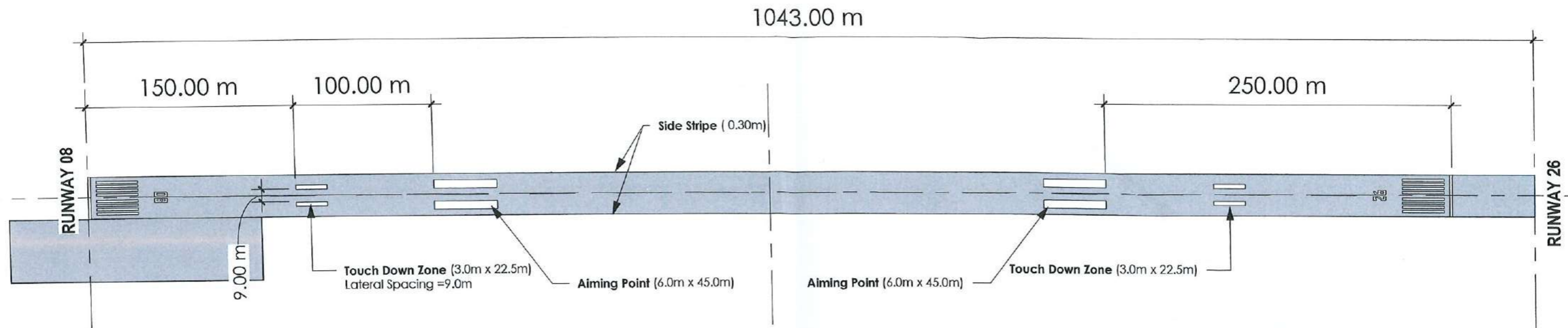
ii. Safety and Security Measures

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.

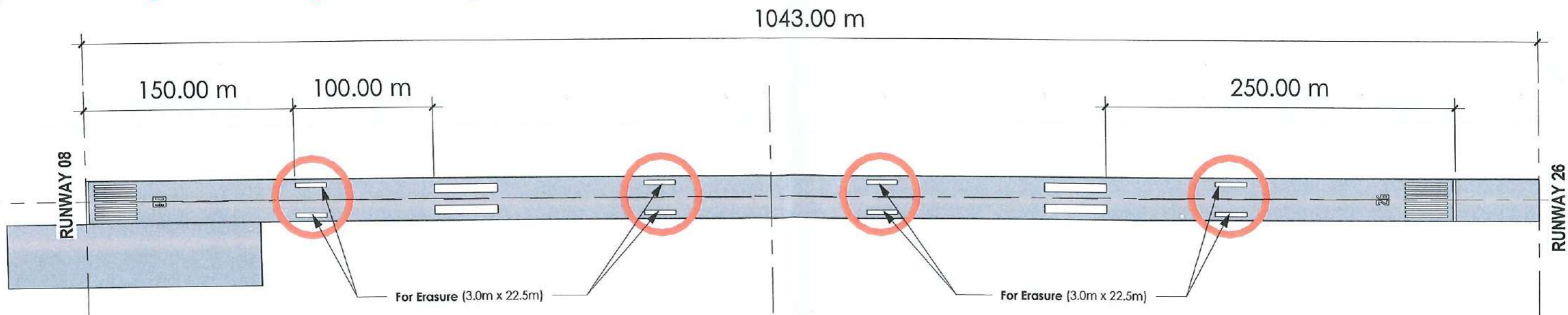
In case of within the restricted area, a presence of authorized handheld radio operator is assigned and shall obtain clearance from the Control Tower from time to time for thorough safety.

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



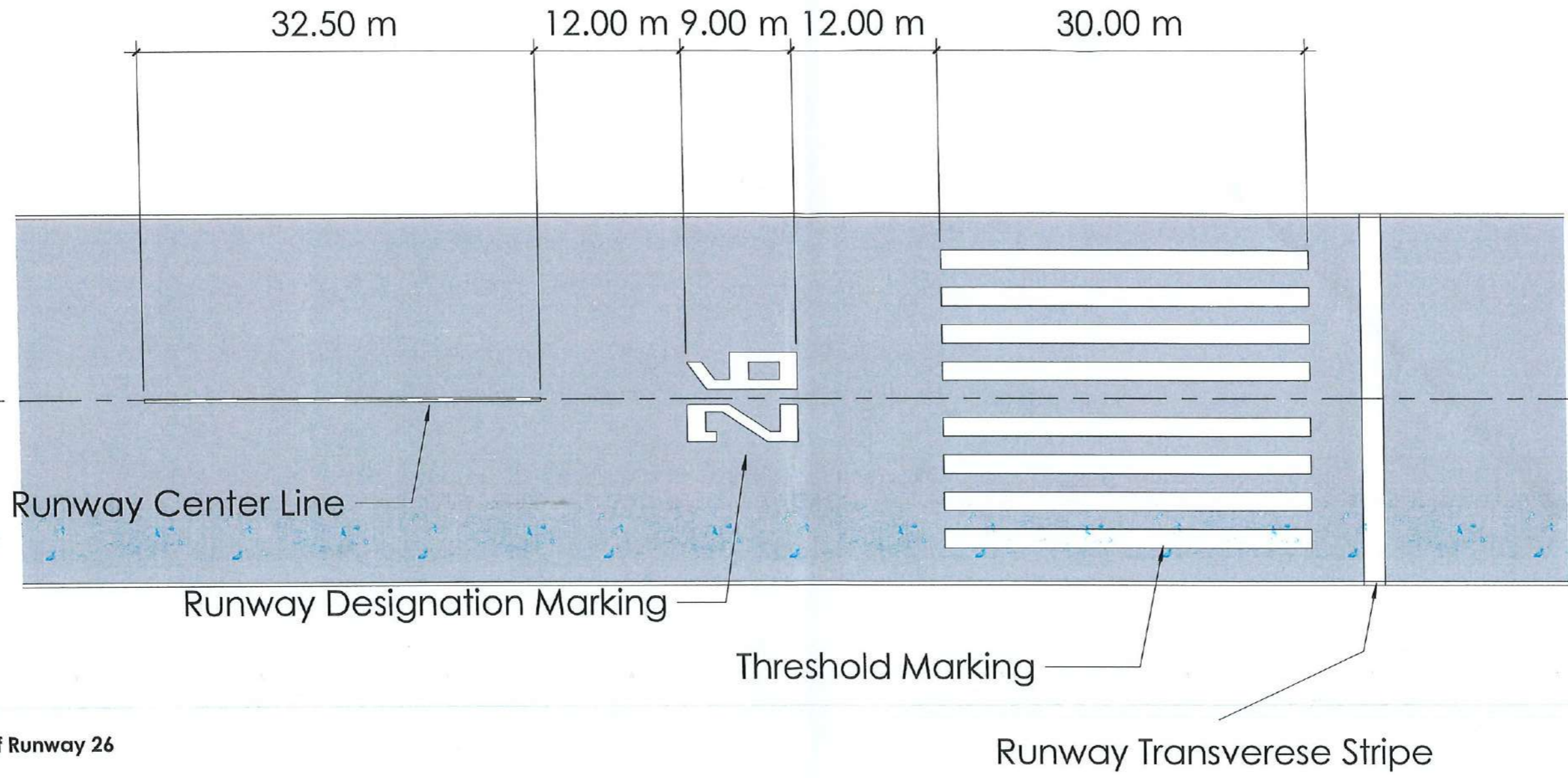
① Lingayen Airport - New Marking Layouts  
1 : 3000

**NEW MARKING LAYOUTS**

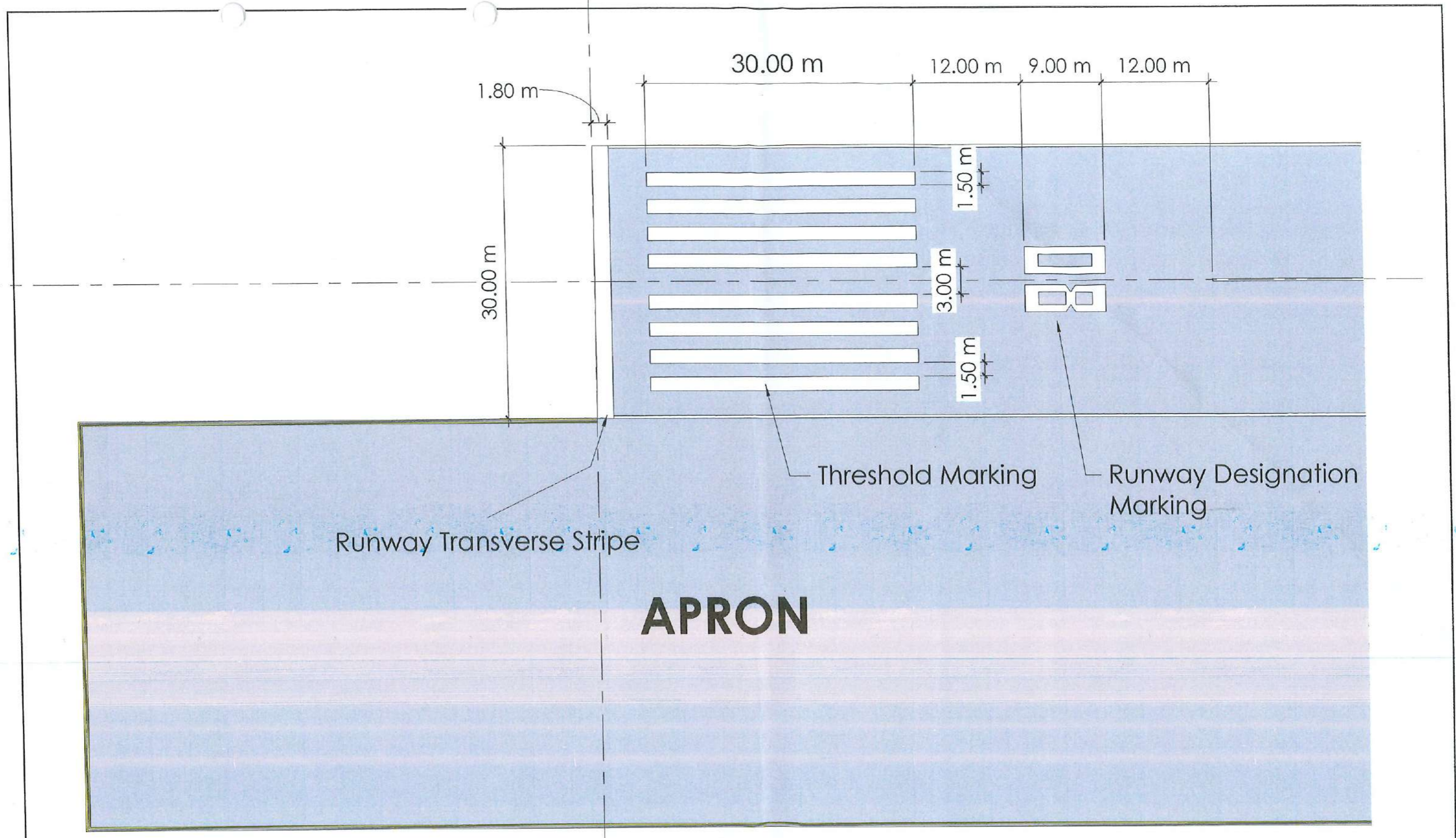


② Existing Plan  
1 : 3000

**CORRECTION PLAN**



① Details of Runway 26  
1 : 400



① Details of Runway 08  
1 : 400

**AGENCY** : Department of Transportation  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
**LOCATION** : Vigan Airport, Vigan City Ilocos Sur  
**SUBJECT** : BILL OF QUANTITY/DETAILED ESTIMATE

**I. CARPENTRY WORKS**  
 ( 1.00 LOT)

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	1" x 2" S4S lumber	bd. Ft.	/bd. Ft.	
2	2" x 2" S4S lumber	bd. Ft.	/bd. Ft.	
3	2"x4" S4S lumber	bd. Ft.	/bd. Ft.	
4	4' x 8' Plain G.I. Sheet (1.2mm)	pc.	/pc.	
5	Red Oxide Primer	gal.	/gal.	
6	Quick Dry Enamel -Red	gal.	/gal.	
7	Quick Dry Enamel -White	gal.	/gal.	
8	Quick Dry Enamel-Black	gal.	/gal.	
9	Paint Thinner	gal.	/gal.	
10	Assorted Paint Brush	pc.	/pc.	
11	1.5" G.I. Pipe Schd. 40	pc.	/pc.	
12	3/16" x 2" Flat Bar	pc.	/pc.	
13	Portland Cement	bags	/bags	
14	Mixed Sand & Gravel	cu. Mtr.	/cu. Mtr.	
15	Assorted CWN	kg.	/kg.	
<b>MATERIAL COST</b>				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Minor Tools (10% of Labor Cost)	1 lot	lot	
2				
<b>EQUIPMENT COST</b>				

3.	no. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
<b>LABOR COST</b>					

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

AGENCY : Department of Transporta  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
 PROJECT : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
 LOCATION : Vigan Airport, Vigan City Ilocos Sur  
 SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

**II. PAINTING WORKS**

Quantity : 3,886.00 sq. mtr.

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	Acrylic Latex Paint (Yellow)	pail	/pail	
2	Acrylic Latex Paint (White)	pail	/pail	
3	Roller Brush Big	pc.	/pc.	
4	Assrtd. Paint Brush	pc.	/pc.	
5	2.5mm Guide Rope	rolls	/rolls	
<b>MATERIAL COST</b>				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Service Vehicle (Motorcycle w/ Side Car)	day	/day	
2			/	
<b>EQUIPMENT COST</b>				

3.	No. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	/day	
2		Skilled Laborer	day	/day	
3		Common Laborer	day	/day	
<b>LABOR COST</b>					

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

3.	Value 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**

**AGENCY** : Department of Transportation  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : REPAIR/REPAINTING OF RUNWAY MARKERS/MARKINGS  
**LOCATION** : Vigan Airport, Vigan City Ilocos Sur  
**SUBJECT** : BILL OF QUANTITY/DETAILED ESTIMATE

**III. OTHER GENERAL REQUIREMENTS**

( 1.00 LOT)

**A. DIRECT COST**

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1			/	-
<b>MATERIAL COST</b>				-

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Reflectorize Vest	pc.	/pc.	
2	Safety Gloves	pc.	/pc.	
3	Dual Band Two-Way Radio	unit	/unit	
4				
<b>EQUIPMENT COST</b>				

3.	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1	Safety Officer	days	/days	
2				
<b>LABOR COST</b>				

**TOTAL DIRECT COST**

**B. INDIRECT COST**

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

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

**C. TOTAL COST**

1.	<b>DIRECT COST + INDIRECT COST</b>	
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**TOTAL UNIT COST**



## GENERAL SPECIFICATIONS

### I. INTRODUCTION

The Civil Aviation Authority of the Philippines, Area I have in its Annual Procurement Plan Repair/Repainting of Runway Markers/markings in it's all airports. The project is being funded yearly as it aims to maintain the runway markings and markings of the airport necessary in its operations.

The repainting, primarily deals with the maintenance of runway Markings and Markers at the Airside. Therefore, the Authority is forced to hire the services of a private contractor/supplier to undertake the project due to its areas covered. The contractor/supplier shall comply with the provisions of this Term of Reference from the onset until the end of the implementation.

### 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. The contractor/service provider shall undertake the Repainting and Corrections of Runway Markings and markings and other related activities such as: Fabrication of new 4 units – Runway end markings, 12 units - Distance To-Go Markers at the Airside Area.. Total Area of Markings to be repainted is **3,886 Sq. Mtr.**

#### Vigan Airport

Runway Day Markings (White Reflectorized Paint)	AREA IN SQUARE METER
SIDE STRIPE	874
CENTER LINE	198
TOUCH DOWN ZONE	540
THRESHOLD	720
AIMING POINT	1080
RUNWAY TRANSVERSE	106
DESIGNATION NUMBER	68
<b>Sub-Total</b>	<b>3,586</b>

Runway Day Markings (Yellow Reflectorized Paint)	AREA IN SQUARE METER
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## B. Work Schedule

The Contractor shall perform the Repair/repainting of runway Markers and Markings with rules and policies of the airport.

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



D. Equipment, Tools and Consumables required to be used for the project  
1. Service Vehicle-at least 1

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

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 FY2023. 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.



- 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

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:

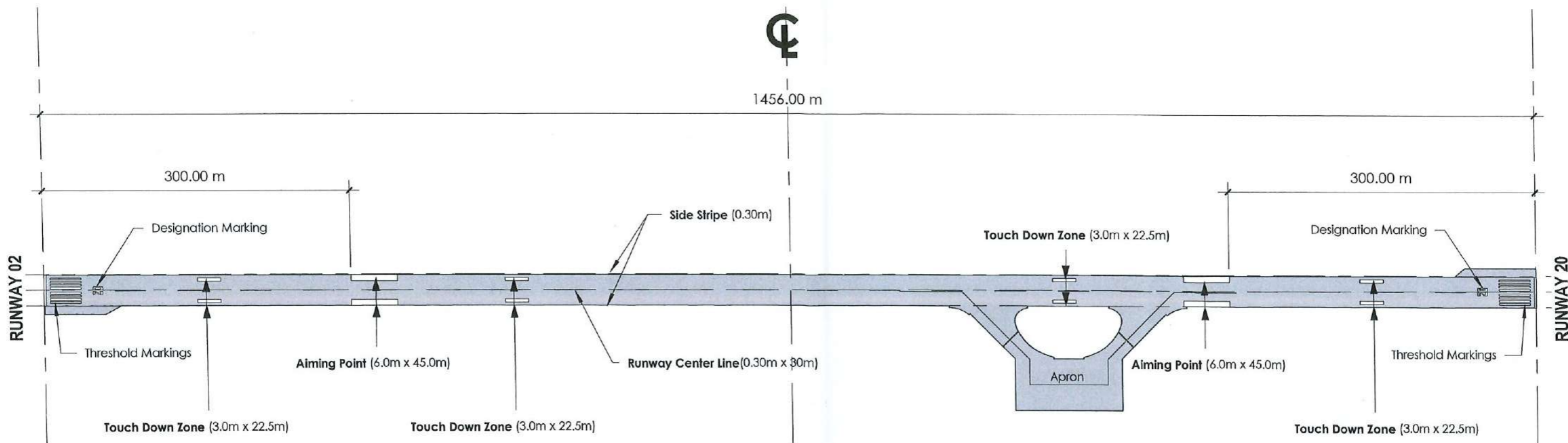
  
**RENZ ALDRINE A. CORPUZ**  
Engineer

Checked/Verified:

  
**JOEFFREY B. LAGADON**  
Engineer II, FIC - BGM

Approved:

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



① Vigan Airport  
1 : 4000

**PAINTING WORKS**

White Reflectorized Paint

Markings	Dimension	Area (sq. mtr.)
Center Line	0.3m x 30m	198
Touchdown Zone	3.0m x 22.5m	540
Aiming Point	6.0m x 45.0m	1080
Designation Marker		68
Threshold Marking	1.5m x 30.0m	720
Traverse Marking	1.8m x 30.0m	106
Side Stripe	0.3m thick	874

Total Area = 3,586 sq. mtr.

Yellow Reflectorized Paint

Markings	Area (sq. mtr.)
Taxiway Markings	300

Total Area = 300 sq. mtr.

**CARPENTRY WORKS**

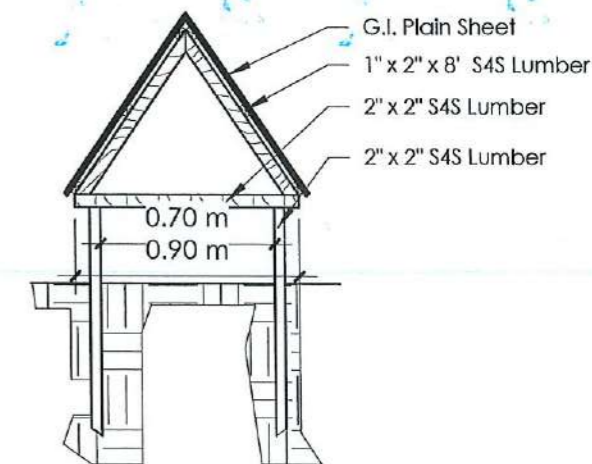
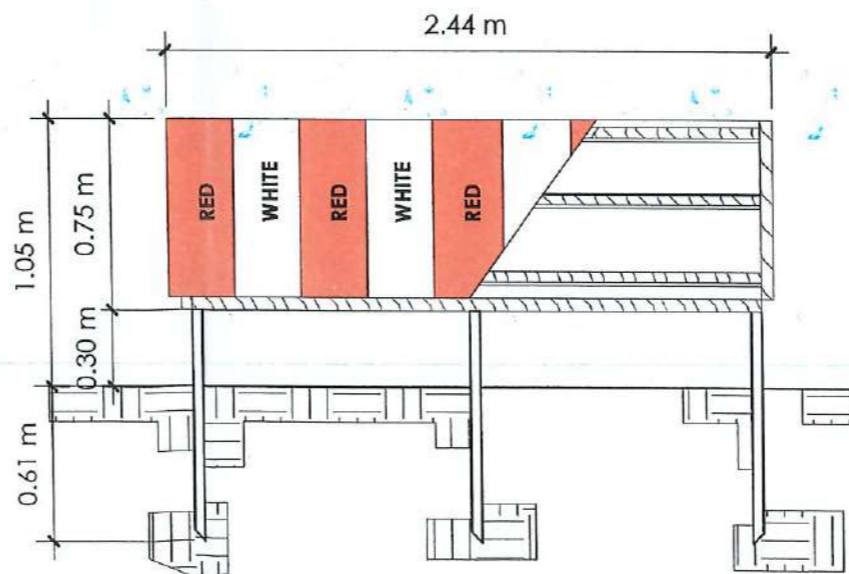
12 units - Distance to Go Markers  
4 units - Runway End Markers

② Painting Works  
1 : 100



PREPARED: **RENZ ALDRINE A. CORPUZ**  
Engineer  
CHECKED/VERIFIED: **JOEFRY B. LAGADON**  
Engineer II

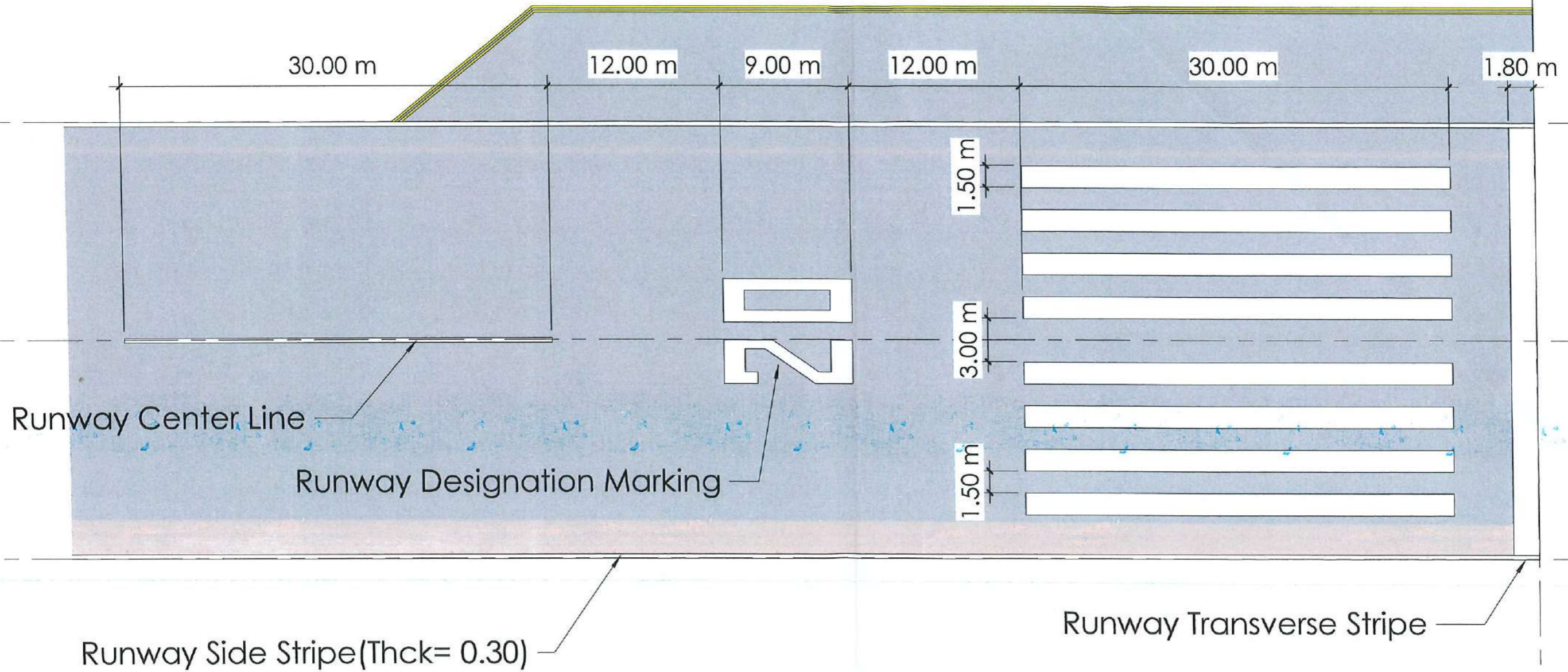
③ Details of Stopway End Markers  
1 : 30



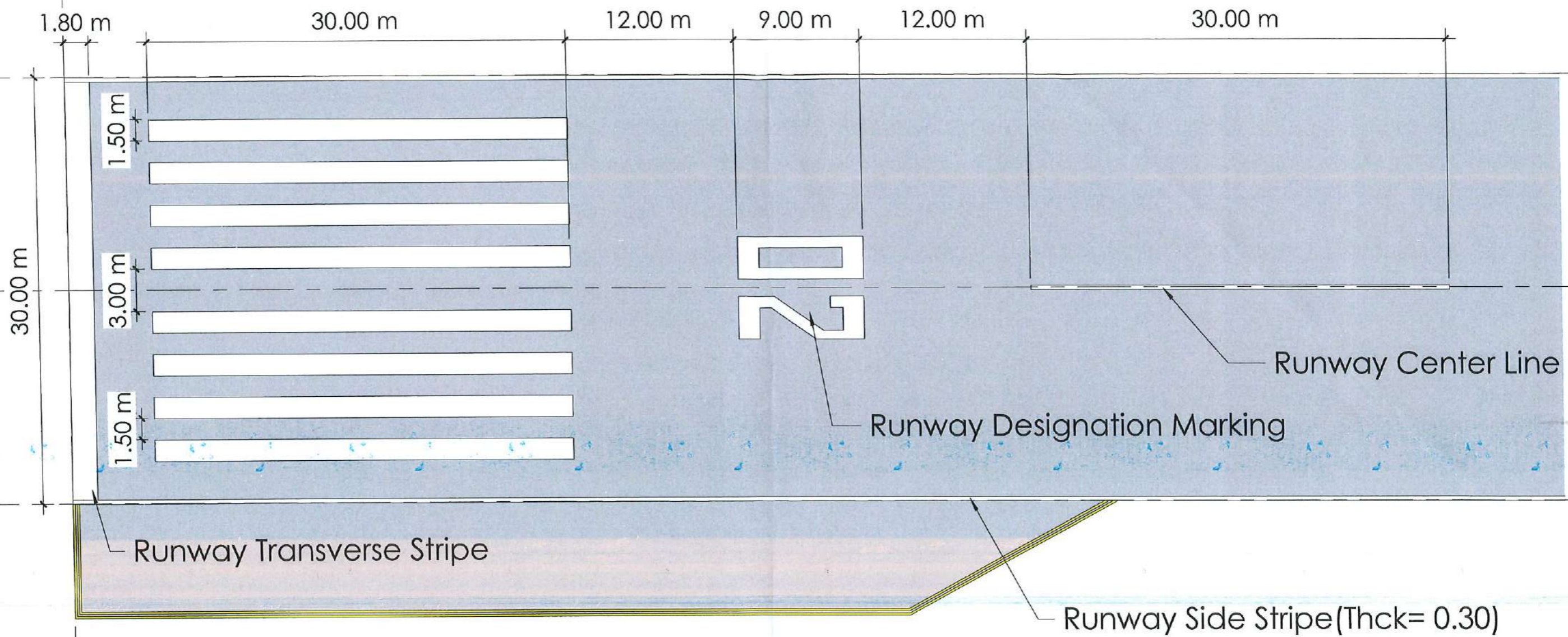
PROJECT TITLE: **Repair/Repainting of Runway Markers/Markings**  
LOCATION: **CAAP AREA CENTER-1**

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

SCALE: **As indicated Vigan Airport Runway 02-20**



① Details of Runway 20  
1 : 300



① Details of Runway 02  
1 : 300