



Republic of the Philippines  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

REQUEST FOR QUOTATION  
NO.: RFQ-2025-031

Date: April 30, 2025

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 5, 2025 @ 9:00 AM** for:

Name of the : RESEALING OF RAMP AND RUNWAY TURN AROUND PAD,  
Project : CRACKS AND JOINTS FOR LAOAG AIRPORT  
Location : LAOAG INTERNATIONAL AIRPORT  
Terms of :  
Reference

Sealed quotations must be submitted either personally to Ms. Josephine R. Flores, Head, Secretariat of the Bids and Awards Committee of CAAP Area I (BAC Area I) or e-mail at [bac\\_area1@caap.gov.ph](mailto: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*						
		PRICE				Compliance w/ Technical Specifications		REMARKS
		QTY	UNIT	Unit Price	Total Price	Yes	No	
1. Supply of materials, labor and equipment which will be used for the project titled: "Resealing of ramp and runway turn around pad, cracks and joints for Laoag Airport"	₱996,399.23	1	lot					





Works to be done: 1. Site Works 2. Sealant Application 3. Other General Requirements 4. Project Billboard  Number of days to complete: Eighty (80) Calendar Days								
TOTAL ABC	P996,399.23							
GRAND TOTAL:								

Note: Quotation for each item must not exceed the ABC per item. This is a one (1) lot procurement.

\_\_\_\_\_  
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

a.	MATERIALS		QUANTITY		UNIT COST		AMOUNT
	1	4" Diamond Cutting Disc	20	pc.		/pc.	
	2	Drill Bit 1/4"	20	pc.		/pc.	
MATERIAL COST							

b.	no. of units	EQUIPMENT	QUANTITY		UNIT COST		AMOUNT
	1	2	Angle Grinder	21	day	/day	
	2	2	Drill	21	day	/day	
	3	2	Generator	21	day	/day	
	4	2	Vacuum Cleaner	21	day	/day	
EQUIPMENT COST							

c.	no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
	1	1	Foreman	21	day	/day	
	2	1	Skilled Laborer	21	day	/day	
	3	3	Common Laborer	21	day	/day	
LABOR COST							

TOTAL DIRECT COST

B. INDIRECT COST

a.	OCM( Overhead, Contingencies, Miscellaneous)			
b.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

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

C. TOTAL COST

a.	DIRECT COST + INDIRECT COST	
		TOTAL UNIT COST





II. Sealant Application

/ Quantity: 1 lot

A. DIRECT COST

a.

MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	ConSol 1119LV or Equivalent ( Low Viscosity Epoxy Sealant)	131	gal		/gal	
2	1/4" x 300mm Cupper Tube	50	pc.		/pc.	
MATERIAL COST						

b.

	no. of units	EQUIPMENT	QUANTITY		UNIT COST		AMOUNT
1	2	Epoxy Injection Pump	30	day		/day	
2	1	Generator Set	30	day		/day	
EQUIPMENT COST							

c.

	no. of manpower	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1	1	Foreman	30	day		/day	
2	2	Skilled Laborer	30	day		/day	
3	2	Common Laborer	30	day		/day	
LABOR COST							

TOTAL DIRECT COST

B. INDIRECT COST

a.	OCM( Overhead, Contingencies, Miscellaneous)			
b.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
c.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

a.	DIRECT COST + INDIRECT COST	
		TOTAL UNIT COST



III. OTHER GENERAL REQUIREMENTS

/ Quantity: 1 lot

A. DIRECT COST

a.	MATERIALS		QUANTITY		UNIT COST		AMOUNT
	1						
MATERIAL COST							

b.	EQUIPMENT		QUANTITY		UNIT COST		AMOUNT
	1	Personal Protective Equipment (PPE)	10	pc.		/pc.	
EQUIPMENT COST							

c.	no. of manpower	LABOR		NO. OF DAYS		UNIT COST		AMOUNT
	1	1	Safety Officer	20	days		/day	
	2							
	3							
LABOR COST								

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





IV. 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.	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



## TECHNICAL SPECIFICATION

### I. INTRODUCTION

The Civil Aviation Authority of the Philippines, Area I have in its Annual Procurement Plan Resealing of Runway Cracks and Joints in its airports. The project is being funded yearly as it aims to maintain/repair the integrity of its runway pavement.

The resealing, primarily deals with the maintenance of Runway Cracks and Joints 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. Work Breakdown Structure

- i. The Work Breakdown Structure includes the furnishing of all necessary labor, equipment, tools, materials, supplies, supervision and expertise necessary to perform the following.
  - a. Site Works
    - i. Cleaning of the crack length to ensure a clean, dry, and sound surface by wire brushing, vacuum cleaner, and high-pressure air duster.
    - ii. Cutting a 3-5mm wide along the cracks then air blowing to remove dust.
    - iii. Drilling  $\frac{1}{4}$ " holes equidistant (30cm) to one another.
    - iv. Installation of  $\frac{1}{4}$ " copper tube to the holes. These port holes would be the entry and exit ports needed during the injection process.
  - b. Sealant Application
    - i. Thoroughly mix a set or sets of pre-packed low-viscosity epoxy needed to finish a prepared crack area.
    - ii. Load into injector equipment, making sure that the area to be injected is ready to receive the injection process.
    - iii. Attach injector tip to the prepared porthole and proceed with the pressure injection.
    - iv. Injection is done starting from the lowest injection porthole and proceeding upwards until a particular area is finished. Transferring from one porthole to the next is indicated when the epoxy injected in one porthole starts to come out on the porthole.





**B. Equipment, Tools and Consumables required to be used for the project:**

- a. 1 unit – Service Vehicle

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.

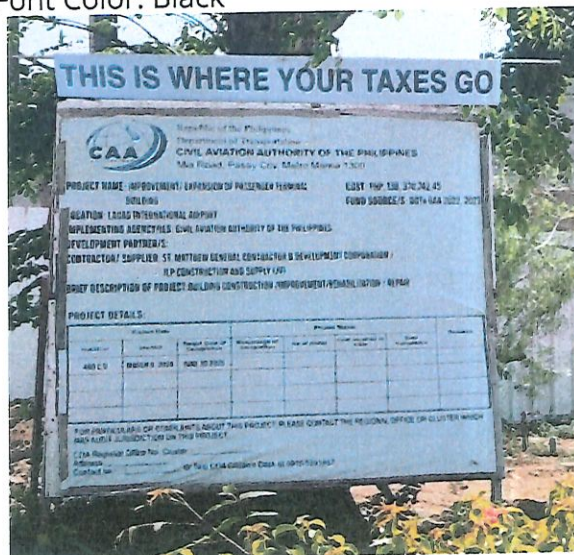
**C. Project Billboard**

In accordance with the COA Circular No. 2013-004 dated January 30, 2013. To promote good governance through transparency and accountability, infrastructure projects shall have a tarpaulin signboard, suitably framed for outdoor display at the project location, and shall be posted as soon as the award has been made. The design and format of the tarpaulin shall have the following specifications:

- a. white, 8ft by 8ft in size
- b. Resolution: 70 dpi
- c. Font: Helvetica
- d. Font Size: Main Information -3"; Sub-Information -1"
- e. Font Color: Black

In compliance with the Proclamation No.486, S.2024 project billboards shall bear the message, "This is Where Your Taxes Go", to be placed above or below the project billboards. The design and format of the tarpaulin shall have the following specifications:

- a. white, 8ft by 1ft in size
- b. Resolution: 70 dpi
- c. Font: Helvetica
- d. Font Size: Main Information -6"
- e. Font Color: Black





#### **D. Period of Implementation**

The contract shall be implemented for a total of Eighty (80) Calendar days FY2025. 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.

#### **E. Progress Billing**

The contractor/service provider may submit a Statement of Work Accomplishment (SWA) or progress billing after completing each 20% milestone of the project, provided that such submission shall be made no more than once (1) per calendar month. The submitted SWA or progress billing shall be accompanied by geotagged (date and location) progress photos, properly labelled as 'Before,' 'During,' and 'After.' The End-User or Project-in-Charge shall review and reconcile the contractor's SWA with the verified actual accomplishments. Based on this reconciliation, the End-User or Project-in-Charge shall certify the amount to be paid to the contractor as progress payment.





# CONSTRUCTION AND SAFETY HEALTH PROGRAM

## I. INTRODUCTION

The Construction Safety and Health Program outlines the mandatory policies, procedures, and standards necessary to ensure the safety, security, and well-being of all personnel engaged in the **Resealing of Ramp and Runway Turn around pad, Cracks and Joints for Laoag Airport.**

This program is intended to identify, control, and mitigate occupational hazards, ensure strict regulatory compliance, and maintain the highest standards of occupational health and safety in accordance with all applicable aviation and construction industry regulations. The contractor shall be required to implement and strictly adhere to the provisions set forth herein to maintain a safe and hazard-free working environment while minimizing disruptions to airport operations.

## II. TABLE OF CONTENTS

### A. Safety Orientation and Seminar

To ensure compliance with occupational safety standards and aviation regulations, all contractor personnel shall be required to attend mandatory safety orientations and seminars. These programs are essential for mitigating workplace hazards, ensuring compliance with aviation safety protocols, and fostering a secure and efficient working environment.

The required orientations and seminars shall include, but are not limited to, the following:

- Security Awareness Seminar
- Airside Safety Awareness Seminar
- Pre-Construction Meeting

### B. Communication and Transport

The contractor shall provide the necessary communication devices and service vehicles to facilitate effective communication and reliable transportation are essential for ensuring the smooth execution of the project and maintaining operational safety within the airport premises.

- **Handheld Radios** – The contractor shall provide at least two (2) handheld radios to ensure effective coordination with the Laoag Control Tower, particularly when accessing restricted zones and the Airport airside areas where aircraft movements occur.



- **Service Vehicles** – The contractor shall make available, during the performance of the contract, at least (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.

### C. Manpower Schedule

The Minimum manpower required during contract implementation shall be:

No. of Manpower	Technical Personnel	Relevant Experience / Certificates Required
1	Field Supervisor/Safety Officer	2years supervisory experience with safety training certificate
1	Foreman	-
3	Skilled Laborer	-
5	Common 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. Work Schedule

The Contractor shall perform the **Resealing of Ramp and Runway Turn around pad, Cracks and Joints for Laoag Airport** in compliance with the rules and policies of the airport.





The Contractor shall provide the necessary manpower, tools, equipment, materials and supplies to ensure timely accomplishment and delivery. Depending on the seasonal demand of the work to be done, 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.

## 2. Working Time

- Work is done regularly at daytime. Work operation is conducted within the period of 6:00 AM to 6:00 PM, with up to daily work duration of twelve (12) hours a day, six days a week including holiday. Also, the contractor/service provider shall have the option to submit a request to the concerned CAAP Authorities for approval to conduct work during the nighttime hours, specifically when the operational area is within the aircraft movement, and provided that there are no ongoing flight operations. Such request shall be subject to the concerned CAAP Authorities' discretion and approval following review.
- Work operations shall be temporarily paused when deemed necessary, or when the operational area directly affects passenger flow and airport traffic during flight hours, ensuring minimal inconvenience while maintaining safety and efficiency.

## 3. Work Method

- Work Methodology will be formulated by the contractor and CAAP-LIA authorities prior to implementation of the contract.
- Under no circumstances shall any materials, equipment, or objects be left, stored, or otherwise remain within the aircraft movement area, so as to prevent obstruction, interference, or hazard to aircraft operations.

## E. 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

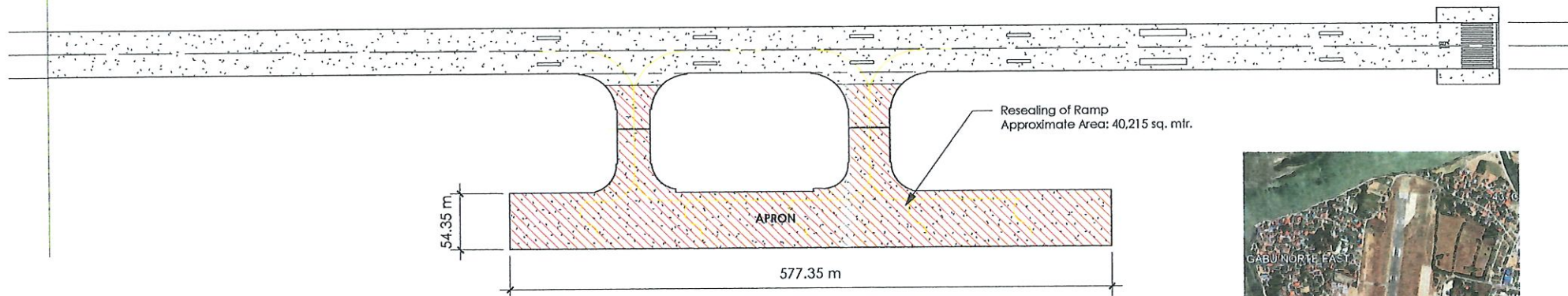
The Contractor shall adhere to all standards and recommended practices stipulated by the airport authority and shall, under no circumstances, violate standard rules and regulations.

- 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 Resealing of Apron  
1 : 4000

### RUNWAY RESEALING OF CRACKS AND JOINTS

#### A. Preliminary Works:

1. Inspection of the extent of crack repairs to be undertaken.
2. Scheduling of the work in coordination with concerned personnels.
3. Initial inspection of materials/equipment required.

#### B. Surface Preparation:

1. Cleaning of the crack length to ensure a clean, dry and sound surface by wire brushing and high pressure air duster.
2. Cutting 3-5mm wide along the cracks then air blowing to remove dust.
3. Drilling 1/4" holes equidistant (30cm) to one another.
4. Installation of 1/4" copper tube to the holes. These port holes would be the entry and exit ports needed during the injection process.

#### C. Epoxy Pressure Injection(CONSOL 1119VL or Equivalent)

1. Thoroughly mix a set or sets of pre-packed low-viscosity epoxy needed to finish a prepared crack area.
2. Load into injector equipment, making sure that the area to be injected is ready to receive the injection process.
3. Attach injector tip to the prepared porthole and proceed with the pressure injection.
4. Injection is done starting from the lowest injection porthole and proceeding upwards until a particular area is finished. Transferring from one porthole to the next is indicated when the epoxy injected in one porthole starts to come out on the next porthole.

#### LEGEND:

AFFECTED AREA



VICINITY MAP



REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:

RENZ ALDRINE A. CORPUZ  
Engineer

CHECKED/VERIFIED:

JOEFFREY B. LAGADON  
Engineer II

PROJECT TITLE:

Resealing of Ramp and Runway Turn  
around pad, Cracks and Joints for Laoag  
LOC  
Laoag International Airport, Laoag City

APPROVED:

ROSITO G. TAMAYO, JR.  
Airport Manager II, LIA

SCALE:

1 : 4000

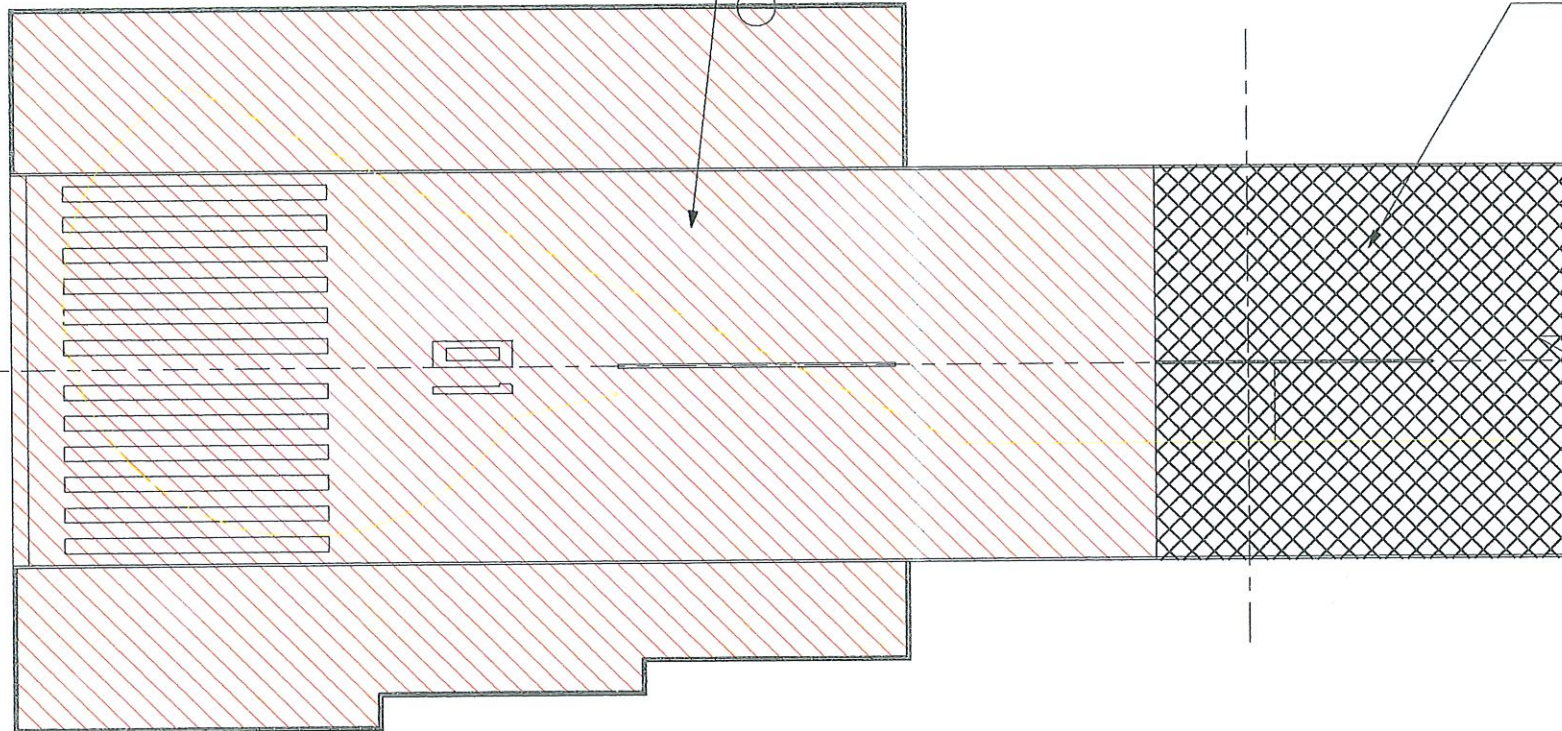
CONTENT:  
Details - 30  
Unnamed



Runway 01 Turn Pad  
Approximate Area: 9,343 sq. mtr.

Asphalted Area

RUNWAY CENTER LINE



## RESEALING OF RUNWAY TURN PAD

Runway 01 turnpad Resealing

1 : 600



REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PREPARED:

**RENZ ALDRINE A. CORPUZ**  
Engineer

CHECKED/VERIFIED:

**JOEFFREY B. LAGADON**  
Engineer II

PROJECT TITLE:

**Resealing of Ramp and Runway Turn  
around pad, Cracks and Joints for Laoag**  
LOC: **Airport**  
**Laoag International Airport, Laoag City**

APPROVED:

**ROSITO G. TAMAYO JR.**  
Airport Manager II, LIA

SCALE:

**1 : 600**

CONTENT:  
**Details - 29**

**Unnamed**