



# DAMAGE DESCRIPTION AND DIMENSIONS (DDD)

## Department of Homeland Security Federal Emergency Management Agency

### General Info

<b>Project #</b>	164309 P/W # 8144	<b>Project Type</b>	Specialized
<b>Project Category</b>	E - Buildings and Equipment	<b>Applicant</b>	PR INDUSTRIAL DEVELOPMENT COMPANY (000-UEQ77-00)
<b>Project Title</b>	L-065 - Zeno Gandia Industrial Park-II - Arecibo	<b>Event</b>	4339DR-PR (4339DR)
<b>Project Size</b>	Large	<b>Declaration Date</b>	9/21/2017
<b>Activity Completion Date</b>	3/21/2019	<b>Incident Start Date</b>	9/17/2017
<b>Process Step</b>	Pending Recipient Final Review	<b>Incident End Date</b>	11/15/2017

### Damage Description and Dimensions

The Disaster # 4339DR, which occurred between *09/17/2017* and *11/15/2017*, caused:

**Damage #218811; T082506700**

#### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID - T-0825-0-67-00 & Extension
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of precast concrete beams with precast concrete roof deck planks (PORETE) with built-up roofing material. The building was constructed in 19XX and has approximate roof dimensions of 242FT x 95FT; (2)- [36FT x 10FT] (restroom unit roofs) for an approximate total roof area of 23,710SF. This PRIDCO site is located inside Zeno Gandia Industrial Park (L-065-0-56-00) at Arecibo, Puerto Rico. The facility was occupied before and after the disaster by Original Footwear, LLC.
- **Year Built:** 1967
- **Location Description:** Road PR-128, Km. 40.9, Lot #24, Zeno Gandia Industrial Park, Arecibo, Puerto Rico, 00612
- **GPS Latitude/Longitude:** 18.45882, -66.74318
- **Number of Stories:** 1

#### General Damage Information:

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind driven rain, high winds and wind blown debris impact

#### Building Damage:

##### 1. ROOF:

- Building Exterior, 2 each of Exhaust Fans (hood caps) , 5 FT long x 5 FT wide, Aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in Fan Size, 1-HP Motor, 115/230V, damaged by high wind , 0% work completed.

- Building Interior, 23,710 SF of Ceiling paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

## 2. WALL:

- Building Interior, 10,804 SF of Interior paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

## 3. WORK COMPLETED :

- Building Exterior, 23,710 SF of Waterproofing System, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system. High speed winds and windblown debris and damaged the exterior membrane and insulation. The water accumulation from wind driven rain damaged the interior membrane, so the complete water proofing system needs to be replaced. The strong winds reaped off sea section of the water proofing system., 100% work completed.
- Building Exterior, Galvanized Steel or aluminum "J" shaped Flashing, 784 LF long, 0.032GA, High speed winds and windblown debris damaged the water proofing system and flashing around building roof perimeter., 100% work completed.

## Damage #218815; T093606800

### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** T-093606800
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of precast concrete beams with precast concrete roof deck planks (PORETE) with built-up roofing material. The building was constructed in 1968 and has approximate roof dimensions of 240FT x 94FT; [60FT x 10FT] (restroom unit roofs) for an approximate total roof area of 23,160SF. This PRIDCO site is located inside Zeno Gandia Industrial Park (L-065-0-56-00) at Arecibo, Puerto Rico. The facility was occupied before and after the event by Original Footwear, Inc.
- **Year Built:** 1968
- **Location Description:** Road PR-128, Km. 40.9, Lot #25, Zeno Gandia Industrial Park, Arecibo, Puerto Rico, 00612
- **GPS Latitude/Longitude:** 18.45833, -66.74346
- **Number of Stories:** 1

### General Damage Information:

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

### Building Damage:

#### 1. ROOF:

- Building Exterior, 1 each of Exhaust Fans Acp , Aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in Fan Size, damaged by high wind , 0% work completed.

## Damage #218823; T125507900

### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse

- **Facility:** T-1255-0-79
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of steel joists with metal deck with built-up roofing material. The building was constructed in 1979 and has approximate roof dimensions of 120FT x 93FT, 124FT x 90FT; (2)- [30FT x 13FT] (restroom unit roofs) for an approximate total roof area of 23,100SF.
- **Year Built:** 1979
- **Location Description:** Road PR-128, Km. 40.9, Lot #44, Zeno Gandia Industrial Park, Arecibo, PR, 00612
- **GPS Latitude/Longitude:** 18.45965, -66.74882
- **Number of Stories:** 1

**General Damage Information:**

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

**Building Damage:**

**1. SITE:**

- Exterior Site, Chain Link Fence, 90 LF long x 5 FT high, Galv. Ga. No. 9, Post - 2-½" inch diam galv., 3-strands Barbed Wire (4-point), damaged by Hurricane Forced Winds and Rain , 0% work completed.

**Final Scope**

218811 **T082506700**

**Work Completed:**

The applicant utilized contracts for repairs to the **PRIDCO Building ID - T-0825-0-67-00 & Extension** to restore facilities back to pre-disaster design, capacity and function within the existing footprint.

**3. WORKCOMPLETED:**

- A. Removed and Replaced 23,710 SF of Waterproofing System, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system.
- B. Removed and Replaced 784 LF of "J" shaped Flashing, 0.032GA.

**Work Completed Totals:**

1. Contracts:

a. Roof Work: \$ [REDACTED]

**Work Completed totals:** \$ [REDACTED]

**Work to be completed**

The applicant will utilize contracts for repairs to the **PRIDCO Building ID - T-0825-0-67-00 & Extension** to restore facilities back to pre-disaster condition with in kind material, design, color, hardware and workmanship within the existing footprint.

## 1. ROOF:

A. Remove and Replace with in kind material, design, color, hardware and workmanship within the existing footprint with in kind material, design, color, hardware and workmanship within the existing footprint 2 each of Exhaust Fans (hood caps) , 5 FT long x 5 FT wide with 36in Fan Size, 1-HP Motor.

B. Clean and Paint with in kind material, design, color, hardware and workmanship within the existing footprint 23,710 SF of Ceiling with primer and 2 coats latex paint.

## 2. WALL:

C. Clean and Paint with in kind material, design, color, hardware and workmanship within the existing footprint 10,804 SF of Interior walls, with primer and 2 coats latex paint.

Work to be Completed total: \$ [REDACTED]

Work to be Completed CEF Total: \$ [REDACTED]

Total Damage Inventory: \$ [REDACTED]

Cost Estimating Format (CEF) Project Total: \$ [REDACTED]

### Scope Note:

1. Applicant provided evidence of contract and payments made to complete work. Refer to file "DI218811-DR4339PR-Contract Work Summary T-0825.pdf".

### Project Notes:

1. All site estimates for work to be completed were generated or validated using RSmeans. See attachment labeled "SP164309-DR4339PR- CEF".
2. GPS coordinates have been checked for accuracy.
3. Applicant will comply with local, commonwealth, federal procurement laws, regulations and procedures
4. Please look for Maintenance Records in applicant's section. See documents labeled: "DR4339PR-Maintenance Record-PRIDCO SOP.pdf".
5. All procurement documents attached have been reviewed and will be in accordance with state and federal requirements. See attached documents labeled: "DR4339PR-Procurement Policy (Spanish Version) PRIDCO.pdf"
7. To qualify as "in-kind repair/replacement," work must be done to match all physical and visual aspects of the original elements, including design, color, texture, hardware, profile, and workmanship. Should the Applicant decide not to repair/replace in-kind, then a revised scope of work must be submitted to FEMA for approval and additional EHPreview.
8. PUBLIC ASSISTANCE/ALTERNATIVEPROCEDURES DR-4339: This Project/PW/Project is a PA Alternative Procedures Project and funding is capped based on the fixed-cost estimate agreements for each project. The fixed-cost estimate agreements for each project can be found as attachments in GMEVME. In accordance with the Public Assistance Alternative Procedures (Section 428) Guide for Permanent Work, FEMA-4339-DR-PR, funding can be shared across all of a Subrecipient's PA Alternative Procedures projects. The cumulative amount of all fixed cost estimates prepared for one Subrecipient represents a total consolidated subaward (total amount for use across all of a Subrecipient's damaged facilities). A Subrecipient may have one GMProject/PW/Project or multiple GMProjects/PW/Projects. If a Subrecipient has multiple GMProjects/PW/Projects, once the work has been completed on an individual GMProject/PW/Project or when a Subrecipient determines that there will be a cost underrun for an individual GMProject/PW/Project, a Subrecipient may request to move funding from one GMProject/PW/Project to another.

## 406 HMP Scope

Project: 164309

DI: 218811

Coordinates: 18.45882, -66.74318

### (I) Hazard Mitigation Proposal (HMP) Scope of Work

This structure is a one-story concrete building with metal roof with an approximate footprint of 23,710 SF, located at an urban area of Arecibo, Puerto Rico. To prevent or reduce damages in future similar events, the following mitigation measures have been proposed:

1. Secure the 2 EA exhaust fans (hood caps), 5 FT x 5 FT, to roof to prevent displacement from wind. **(Supplementary)**
2. Secure new 784 LF of aluminum "J" shaped flashing with self-drilling masonry screws with neoprene washers at least every 6 IN c.c. to prevent detachment and protect the waterproofing membrane. **(Supplementary)**

**(II) Hazard Mitigation Proposal (HMP) Cost**

Total Cost for PA Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

PA Deduction Costs = \$ [REDACTED]

**Net Cost of Hazard Mitigation** = \$ [REDACTED]  
 + \$ [REDACTED] (Tax & FPF) + \$ [REDACTED] (CEF)

**Total Cost of Hazard Mitigation** = \$ [REDACTED]

Attachment 3 – 164309 – 218811 – HMP\_Cost Estimate

**(III) Cost Effectiveness Calculation**

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when “the mitigation measure is listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies.” The Hazard Mitigation Proposed cost estimate is listed in Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

**\* See Mitigation Profile Documents Tab for complete version of this HMP and supporting documents.**

**\* Due to GM system constraints in the Mitigation Profile Cost Tab, there may be a discrepancy in the total dollar amount of the mitigation proposal (or, the cost effectiveness statement) cited in the Cost Tab of the project(s). Whenever a difference between the Mitigation Cost Tab and the completed HMP cost occurs, the correct dollar amount of the grant proposal will default to the amount of 406 funding cited on the actual HMP document (and the Cost Summary Spreadsheet) uploaded into the Mitigation Profile Documents Tab.**

218815 **T093606800**

**Work to be completed**

The applicant will utilize contracts for repairs to the **PRIDCO Building ID- T-0936-0-68-00** to restore facilities back to pre-disaster condition with in kind material, design, color, hardware and workmanship within the existing footprint.

1. ROOF:

A. Remove and Replace with in kind material, design, color, hardware and workmanship within the existing footprint 2 each of Exhaust Fans (hood caps) , 5 FT long x 5 FT wide with 36in Fan Size, 1-HPMotor.

Work to be Completed total: \$ [REDACTED]

### 406 HMP Scope

Project: 164309

DI: 218815

Coordinates: 18.45833, -66.74346

#### (I) Hazard Mitigation Proposal (HMP) Scope of Work

This structure is a one-story concrete building with metal roof with an approximate footprint of 23,160 SF, located at an urban area of Arecibo, Puerto Rico. To prevent or reduce damages in future similar events, the following mitigation measures have been proposed:

- 1. Secure the 1 EA exhaust fan cap, 3 FT, to roof to prevent displacement from wind. (Supplementary)

#### (II) Hazard Mitigation Proposal (HMP) Cost

Total Cost for PA Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

PA Deduction Costs = \$ [REDACTED]

Net Cost of Hazard Mitigation = \$ [REDACTED]  
+ \$ [REDACTED] (Soft Costs)

Total Cost of Hazard Mitigation = \$ [REDACTED]

Attachment 4 – 164309 – 218815 – HMP\_Cost Estimate

#### (III) Cost Effectiveness Calculation

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when “the mitigation measure is listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies.” The Hazard Mitigation Proposed cost estimate is listed in Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

\* See Mitigation Profile Documents Tab for complete version of this HMP and supporting documents.

\* Due to GM system constraints in the Mitigation Profile Cost Tab, there may be a discrepancy in the total dollar amount of the mitigation proposal (or, the cost effectiveness statement) cited in the Cost Tab of the project(s). Whenever a difference between the Mitigation Cost Tab and the completed HMP cost occurs, the correct dollar amount of the grant

proposal will default to the amount of 406 funding cited on the actual HMP document (and the Cost Summary Spreadsheet) uploaded into the Mitigation Profile Documents Tab.

218823 **T125507900**

**Work to be completed**

The applicant will utilize contracts for repairs to the **PRIDCO Building ID- T-1255-0-79-00** to restore facilities back to pre-disaster design, capacity and function within the existing footprint with in-kind materials.

**Building Damage:**

**1. SITE:**

- A. Remove and Replace 90 LF of chain link fence, 5 FT high, Galv. Ga. No. 9, Post - 2-1/2" inch diamgalv., 3-strands Barbed Wire (4-point).

**Work to be Completed total:** \$ [REDACTED]

**406 HMP Scope**

Project: 164309

DI: 218823

Coordinates: 18.45965, -66.74882

**(I) Hazard Mitigation Proposal (HMP) Scope of Work**

This structure is a one-story concrete building with metal roof with an approximate footprint of 23,100 SF, located at an urban area of Arecibo, Puerto Rico. To prevent or reduce damages in future similar events, the following mitigation measures have been proposed:

- 1. Reduce the typical spacing between line posts from 10 feet to 8 feet, bury the posts at 3 ft deep instead of 2 ft deep, change the dimension of the posts from 2-inch diameter to 3-inch diameter for the 90LF fence to reduce similar future damages. **(Supplementary cost/ Replacement Measure)**

**(II) Hazard Mitigation Proposal (HMP) Cost**

Total Cost for PA Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

PA Deduction Costs= \$ [REDACTED]

**Net Cost of Hazard Mitigation** = \$ [REDACTED]  
 + \$ [REDACTED] (Soft Costs)

**Total Cost of Hazard Mitigation** = \$ [REDACTED]

Attachment 5 – 164309 – 218823 – HMP\_Cost Estimate



### **(III) Cost Effectiveness Calculation**

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when “the mitigation measure is listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies.” The Hazard Mitigation Proposed cost estimate is listed in Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

**\* See Mitigation Profile Documents Tab for complete version of this HMP and supporting documents.**

**\* Due to GM system constraints in the Mitigation Profile Cost Tab, there may be a discrepancy in the total dollar amount of the mitigation proposal (or, the cost effectiveness statement) cited in the Cost Tab of the project(s). Whenever a difference between the Mitigation Cost Tab and the completed HMP cost occurs, the correct dollar amount of the grant proposal will default to the amount of 406 funding cited on the actual HMP document (and the Cost Summary Spreadsheet) uploaded into the Mitigation Profile Documents Tab.**

# Cost

Code	Quantity	Unit	Total Cost	Section
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Completed
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted

CRC Gross Cost	\$ [REDACTED]
Total 406 HMP Cost	\$ [REDACTED]
Total Insurance Reductions	\$ [REDACTED]
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CRC Net Cost	\$ [REDACTED]
Federal Share (90.00%)	\$ [REDACTED]
Non-Federal Share (10.00%)	\$ [REDACTED]

## Award Information

### Version Information

Version #	Eligibility Status	Current Location	Bundle Number	Project Amount	Cost Share	Federal Share Obligated	Date Obligated
0	Pending	In Review		\$ [REDACTED]	90 %	\$ [REDACTED]	

### Drawdown History

EMMIE Drawdown Status As of Date	Obligation Number	Expenditure Number	Expended Date	Expended Amount
No Records				

## Subgrant Conditions

- As described in Title 2 Code of Federal Regulations (C.F.R.) § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions are stated in 2 C.F.R. §200.333(a) – (f)(1) and (2). All records relative to this project are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.
- In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.
- The Recipient must submit its certification of the subrecipient's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work, or the project deadline, whichever occurs first. FEMA reimburses Large Projects (those with costs above the large project threshold) based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.
- When any individual item of equipment purchased with PA funding is no longer needed, or a residual inventory of unused supplies exceeding \$5,000 remains, the subrecipient must follow the disposition requirements in Title 2 Code of Federal Regulations (C.F.R.) § 200.313-314.
- The terms of the FEMA-State Agreement are incorporated by reference into this project under the Public Assistance award and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide; and other applicable FEMA policy and guidance.
- The DHS Standard Terms and Conditions in effect as of the declaration date of this emergency declarations or major disaster, as applicable, are incorporated by reference into this project under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.
- The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at Title 2 Code of Federal Regulations (C.F.R.) Part 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. Part 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.
- The subrecipient must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the subrecipient commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.
- Pursuant to section 312 of the Stafford Act, 42 U.S.C. 5155, FEMA is prohibited from providing financial assistance to any entity that receives assistance from another program, insurance, or any other source for the same work. The subrecipient agrees to repay all duplicated assistance to FEMA if they receive assistance for the same work from another Federal agency, insurance, or any other source. If an subrecipient receives funding from another federal program for the same purpose, it must notify FEMA through the Recipient and return any duplicated funding.

## Insurance

### Additional Information

3/10/2021



SOV / Schedule #: Unnamed facilities

SOV / Schedule Amount: [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost [REDACTED] + HMP cost \$ [REDACTED])

Prior Obtain and Maintain Requirement:

No prior insurance requirements were found for this facility.

Reduction(s):

No reduction will be applied to this facility because the insurance coverage and deductible were exhausted in project #101329-DI# 219333 and Project # 101329-DI 219292.

Obtain and Maintain Requirement:

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T082506700) in the amount of \$ [REDACTED] (Insurable repair amount \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-164309-DR4339PR-CEF-Insurance.

**Damaged Inventory (DI) #218815:**

**T093606800**

Number of damaged locations included in this DI: (1)

Location Description: Road PR-128, Km. 40.9, Lot #25, Zeno Gandia Industrial Park, Arecibo, Puerto Rico, 00612.

GPS Coordinates: 18.45833, -66.74346

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed facilities

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED])

Prior Obtain and Maintain Requirement:

No prior insurance requirements were found for this facility.

Reduction(s):

No reduction will be applied to this facility because the insurance coverage and deductible were exhausted in project 101329-DI# 219333 and Project # 101329-DI 219292.

Obtain and Maintain Requirement:

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T093606800) in the amount of \$ [REDACTED] \$ [REDACTED] (Insurable repair amount \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-164309-DR4339PR-CEF-Insurance.

**Damaged Inventory (DI) # 218823:**

**T125507900**

Number of damaged locations included in this DI: (1)

Location Description: Road PR-128, Km. 40.9, Lot #44, Zeno Gandia Industrial Park, Arecibo, PR, 00612.

GPS Coordinates: 18.45965, -66.74882

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED])

Prior Obtain and Maintain Requirement:

No prior insurance requirements were found for this facility.

Reduction(s):

No reduction will be applied to this facility because the insurance coverage and deductible were exhausted in project 101329-DI# 219333 and Project # 101329-DI 219292.

Obtain and Maintain Requirement:

No Obtain & Maintain Requirement is being mandated for (T125507900 ) because facility does not meet the definition of building, equipment, contents, or vehicle.

Anticipated Insurance Proceeds Statement:

FEMA acknowledges that the Applicant is in [negotiations /litigation] with their insurance carrier at the time of the FEMA insurance review and might have received partial settlements. In accordance with 44 CFR §206.250-253, in the absence of an actual settlement, anticipated insurance recoveries will be deducted from this project based on Applicant's insurance policy limits. FEMA subsequently adjusts the eligible costs based on the actual amount of insurance proceeds the Applicant receives after a final settlement.

FEMA's Recovery Policy FP 206-086-1, Public Assistance Policy on Insurance (June 29, 2015), requires applicants to take reasonable efforts to recover insurance proceeds that it is entitled to receive from its insurers. FEMA will consider final insurance settlements that may be less than the insurance policy limits when an applicant demonstrates that it has taken reasonable efforts to recover insurance proceeds that it is entitled on a case-by-case basis.

Standard Insurance Comments

FEMA Policy [REDACTED]

**PART 2: Other Insurance-Related Provisions. (Sections 312 and 406(d) of the Stafford Act)**

**A. Duplication of Benefits.** FEMA cannot provide assistance for disaster-related losses that duplicate benefits available to an applicant from another source, including insurance.

1. Before FEMA approves assistance for a property, an applicant must provide FEMA with information about any actual or anticipated insurance settlement or recovery it is entitled to for that property.
2. FEMA will reduce assistance to an applicant by the amount of its actual or anticipated insurance proceeds.
3. Applicants must take reasonable efforts to recover insurance proceeds that they are entitled to receive from their insurer(s).

-  
FEMA Policy [REDACTED]

**H. Subsequent Assistance.** When a facility that received assistance is damaged by the same hazard in a subsequent disaster:

1. If the applicant failed to maintain the required insurance from the previous disaster, then the facility is not eligible for assistance in any subsequent disaster.
2. Upon proof that the applicant maintained its required insurance, FEMA will reduce assistance in the subsequent disaster by the amount of insurance required in the previous disaster regardless of:
  - a. The amount of any deductible or self-insured retention the applicant assumed (i.e., "retained risk").

**Obtain and Maintain Requirements:**

**44 CFR § 206.253 Insurance requirements for facilities damaged by disasters other than flood.**

(a) Prior to approval of a Federal grant for the restoration of a facility and its contents which were damaged by a disaster other than flood, the recipient shall notify the Regional Administrator of any entitlement to insurance settlement or recovery for such facility and its contents. The Regional Administrator shall reduce the eligible costs by the actual amount of insurance proceeds relating to the eligible costs.

- (b)
- (1) Assistance under section 406 of the Stafford Act will be approved only on the condition that the recipient obtain and maintain such types and amounts of insurance as are reasonable and necessary to protect against future loss to such property from the types of hazard which caused the major disaster. The extent of insurance to be required will be based on the eligible damage that was incurred to the damaged facility as a result of the major disaster. The Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.
  - (2) Due to the high cost of insurance, some applicants may request to insure the damaged facilities under a blanket insurance policy covering all their facilities, an insurance pool arrangement, or some combination of these options. Such an arrangement may be accepted for other than flood damages. However, if the same facility is damaged in a similar future disaster, eligible costs will be reduced by the amount of eligible damage sustained on the previous disaster.

(c) The Regional Administrator shall notify the recipient of the type and amount of insurance required. The recipient may request that the State Insurance Commissioner review the type and extent of insurance required to protect against future loss to a disaster-damaged facility, the Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.

(d) The requirements of section 311 of the Stafford Act are waived when eligible costs for an insurable facility do not exceed \$5,000. The Regional Administrator may establish a higher waiver amount based on hazard mitigation initiatives which reduce the risk of future damages by a disaster similar to the one which resulted in the major disaster declaration which is the basis for the application for disaster assistance.

(e) The recipient shall provide assurances that the required insurance coverage will be maintained for the anticipated life of the restorative work or the insured facility, whichever is the lesser.

(f) No assistance shall be provided under section 406 of the Stafford Act for any facility for which assistance was provided as a result of a previous major disaster unless all insurance required by FEMA as a condition of the previous assistance has been obtained and maintained.

Final Obtain and Maintain requirement amount will be determined during the closeout process after the final actual eligible costs to repair or replace the insurable facility have been determined.

**FEMA Policy** [REDACTED]

**F. Timeframes for Obtaining Insurance.** FEMA will only approve assistance under the condition that an applicant obtains and maintains the required insurance.

The applicant must document its commitment to comply with the insurance requirement with proof of insurance.

If an applicant cannot insure a facility prior to grant approval (for example, if a building is being reconstructed), the applicant may provide a letter of commitment stating that they agree to the insurance requirement and will obtain the types and extent of insurance required, followed at a later date by proof of insurance once it is obtained. In these cases, the applicant should insure the property:

- a. When the applicant resumes use of or legal responsibility for the property (for example, per terms of construction contract or at beneficial use of the property); or
- b. When the scope of work is complete.



FEMA and the recipient will verify proof of insurance prior to grant closeout to ensure the applicant has complied with the insurance requirement.

An applicant should notify FEMA—in writing through the recipient—of changes to their insurance which impact their ability to satisfy the insurance requirement after it provides proof of insurance to FEMA. This includes changes related to self-insurance. If an applicant fails to do this, FEMA may de-obligate assistance and not provide assistance in a future disaster.

[REDACTED]

[REDACTED]

### O&M Requirements

Insured Peril	Item Type	Description	Required Coverage Amount
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T082506700) in the amount of \$ [REDACTED]	\$ [REDACTED]
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T093606800) in the amount of \$ [REDACTED]	\$ [REDACTED]

### 406 Mitigation

There is no additional mitigation information on **L-065 - Zeno Gandia Industrial Park-II - Arecibo**.

### Environmental Historical Preservation

Is this project compliant with EHP laws, regulations, and executive orders?

**Yes**

### EHP Conditions

- Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archaeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

- Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA) Conditions: 1. The Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the JCA/EQB guidelines at a permitted site or landfill. 2. For asbestos containing material and lead base paint the Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the DNER/EQB guidelines at a permitted site or landfill or provide evidence of the close out permit from DNER/EQB for activities of remediation, abatement or removal of those materials. 3. Unusable equipment, debris, white goods, scrap metal any other material shall be disposed in approved manner and location. In the event significant items are discovered during the implementation or development of the project the Applicant shall handle, manage and dispose petroleum products, hazardous materials and toxic waste in accordance to the requirements of the local and federal agencies. Noncompliance with these requirements may jeopardize receipt of federal funds.
- Endangered Species Act (ESA) Conditions for *Epicrates Inornatus* (Puerto Rican Boa): 1. Inform all personnel about the potential presence of the PR boa and the VI boa in areas where the proposed work will be conducted. Photographs of the PR and VI Boa are to be prominently displayed at the site. The recipient must ensure that project personnel is able to correctly identify a PR or VI boa. For information on PR boa, please visit: <https://ecos.fws.gov/ecp/species/6628>. 2. Prior to any construction activity, including removal of vegetation and earth movement, the boundaries of the project area must be delineated, buffer zones, and areas to be excluded and protected, should be clearly marked in the project plan and in the field to avoid further habitat degradation into forested areas. Once areas are clearly marked, and prior to any construction activity, including site preparation, project personnel able to correctly identify a PR or VI boa must survey the areas to be cleared to ensure that no boas are present within the work area. Vehicle and equipment operation must remain on designated access roads/paths and within rights-of way. 3. If a PR boa is found within any of the working or construction areas, activities should stop in the area where the boa was found. Do not capture the boa. If boas need to be moved out of harm's way, project personnel designated by the recipient shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: 787-724-5700, 787-230-5550, 787-771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue. 4. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the boa (PRDNER phone #: 787-724-5700, 787-230-5550, 787-771-1124). If not possible, the animal should be left alone until it leaves the vehicle on its own. 5. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If PR boas are found within debris piles, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future. 6. For all boa sightings (dead or alive), personnel designated by the recipient must record the time and date of the sighting and the specific location where the boa was found. Data should also include a photo of the animal dead or alive, and site GPS coordinates, and comments on how the animal was detected and its behavior. If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. All boa sighting reports should be sent to the USFWS Caribbean Ecological Services Field Office, Marelisa Rivera - Deputy Field Supervisor, 787-851-7297 extension 206, 787-510-5207, [marelisa\\_rivera@fws.gov](mailto:marelisa_rivera@fws.gov). For Virgin Islands Boas in St. Thomas and Steven's Cay US Virgin Islands (VI boas have not been reported on St. Croix or St. John): 7. Follow the same guidance above but contact the VI Division of Fish and Wildlife (VIDFW), for technical assistance (340-775-6762) and capture of any VI boas. For information on USVI boa, please visit: <https://ecos.fws.gov/ecp/species/3247> b. The VIDFW has developed site-specific VI boa protocol; Applicants will be responsible for executing conservation measures recommended by VIDFW. Final project report to be submitted to USFWS. The Applicant must provide documentation at close-out that proves the completion of required Conservation Measures.

## EHP Additional Info

There is no additional environmental historical preservation on **L-065 - Zeno Gandia Industrial Park-II - Arecibo**.

## Final Reviews

### Final Review

**Reviewed By** COLON, JAVIER

**Reviewed On** 03/16/2021 2:23 PM AST

#### Review Comments

To the best of my knowledge, this project is ready to continue the review process

### Recipient Review

**Reviewed By** Not Reviewed

**Reviewed On** Not Reviewed

#### Review Comments

*No comments available for the Recipient Review step*

## Project Signatures

**Signed By** Unsigned

**Signed On** Unsigned

# Department of Homeland Security Federal Emergency Management Agency

## General Info

<b>Project #</b>	101805	<b>Project Type</b>	Specialized
<b>Project Category</b>	E - Buildings and Equipment	<b>Applicant</b>	PR INDUSTRIAL DEVELOPMENT COMPANY (000-UEQ77-00)
<b>Project Title</b>	L-276 - San Jose Ward - Quebradillas	<b>Event</b>	4339DR-PR (4339DR)

## Damage Description and Dimensions

The Disaster # 4339DR, which occurred between *09/17/2017* and *11/15/2017*, caused:

### Damage #219340; T085506700

#### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building - T085506700
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of precast concrete beams with precast concrete roof deck planks (PORETE) with built-up roofing material. The building was constructed in 1967 and has approximate roof dimensions of 241FT x 96FT; [60FT x 10FT] (restroom unit roofs) for an approximate total roof area of 23,736SF.
- **Year Built:** 1967
- **Location Description:** Road PR-2, Km. 100.8, San Jose Ward Quebradillas, Puerto Rico
- **GPS Latitude/Longitude:** 18.47179, -66.93382
- **Number of Stories:** 1

#### General Damage Information:

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

#### Building Damage:

##### 1. SITE:

- Exterior Site, Handrail Paint, 10 FT long x 3 FT high, galvanized steel single tube (2 IN Diameter) horizontal and vertical members, damaged by strong winds and wind blow debris, 0% work completed.

##### 1. WALL:

- Building Exterior, 12,111 SF of Exterior Walls Paint, primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.

##### 2. SITE:

- Exterior Site, Barbed Wire , 130 LF long, 3-strands barbed wire (4-point), damaged by strong winds combined with windblown debris, 0% work completed.
- Exterior Site, Chain Link Fence , 410 LF long x 6 FT high, ga. no. 9, post - 2-½" inch diam galv., 3-strands barbed wire (4-point) , damaged by strong winds, wind blow debris, fallen trees and vegetation, 0% work completed.

- Exterior Site, Handrail Paint, 29 FT long x 3 FT high, galvanized steel double tube (2 IN Diameter) horizontal members and single tube vertical member, damaged by strong winds and wind blow debris , 0% work completed.

## Damage #219341; T095407000

### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building - T095407000 & Extension
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of precast concrete beams with precast concrete roof deck planks (PORETE) with built-up roofing material. The building was constructed in 1969 and has approximate roof dimensions of 120FT x 94FT; The second section was constructed in 1974 and consists in a one story building (18 FT Height) with concrete slab, concrete walls, steel joists, Metal Deck roof with bituminous waterproofing with approximate roof dimensions of 122FT x 94FT; (2)- [30FT x 12FT] (restroom unit roofs) for an approximate total roof area of 23,468SF. This PRIDCO site is located inside San Jose Ward (L-276-0-64-00) at Quebradillas, Puerto Rico. The facility was Occupied before the disaster, and still is, by Metropolitan Lumber & Hardware (NATIONAL).
- **Year Built:** 1970
- **Location Description:** Road PR-2, Km. 100.6, San Jose Ward. Quebradillas, Puerto Rico
- **GPS Latitude/Longitude:** 18.47259, -66.93419
- **Number of Stories:** 1

### General Damage Information:

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

### Building Damage:

#### 1. ROOF:

- Building Exterior, 60 SF of Waterproofing System, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system, damaged by wind driven rain, wind blow debris and strong winds , 0% work completed.
- Building Exterior, Aluminum Flashing, 6 FT long x 1.5 FT wide, Ga. 0.032, damaged by strong winds and wind blow debris , 0% work completed.
- Building Exterior, 4 each of Exhaust Fans , 5 FT long x 5 FT wide, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in fan size, 1-HP motor, 115/230V, damaged by strong winds and wind blow debris, 0% work completed.
- Building Interior, 60 SF of Ceiling Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

#### 2.WALL:

- Building Exterior, 4 each of Aluminum Jalousie Windows, 3 FT wide x 5 FT high, Miami Type, ga 0.062, heavy duty hardware, Strong winds and windblown debris impacted the windows slats resulting in permanent damages that prevent windows to close properly., 0% work completed.
- Building Interior, 60 SF of Interior Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.
- Building Interior, 10,373 SF of Exterior Paint, primer and 2 coats latex paint, damaged by high wind and wind blown debris., 0% work completed.

#### 3. SITE:

- Exterior Site, 1 each of Barbed Wire , 130 FT long, 3-strands barbed wire (4-point), damaged by strong winds combined with wind blow debris, 0% work completed.

## Damage #219342; T102907000

### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Buiding - T102907000
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of precast concrete beams with precast concrete roof deck planks (PORETE) with built-up roofing material. The building was constructed in 1970 and has approximate roof dimensions of 121FT x 95FT; [37FT x 10FT] (restroom unit roofs) for an approximate total roof area of 11,865SF.
- **Year Built:** 1970
- **Location Description:** Road PR-2, Km. 100.7, San Jose Ward Quebradillas, Puerto Rico
- **GPS Latitude/Longitude:** 18.47226, -66.93412
- **Number of Stories:** 1

### General Damage Information:

- **Date Damaged:** 9/20/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

### Building Damage:

#### 1. WALL:

- Building Exterior, 7,824 SF of Exterior Walls Paint, primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.
- Building Exterior, 1 each of Aluminum Jalousie Windows, 3 FT wide x 6 FT high, Miami type, ga 0.062, heavy duty hardware, damaged by strong winds and wind blow debris and fallen trees and vegetation , 0% work completed.
- Building Exterior, 20 SF of Cement Plaster, damaged by wind blow debris and projectiles impact, 0% work completed.

#### 2. SITE:

- Exterior Site, Handrail Paint, 18 LF long x 3 FT high, galvanized steel single tube (2 IN Diameter) horizontal members and single tube vertical member, damaged by strong winds and wind blow debris , 0% work completed.
- Exterior Site, Handrail Paint, 9 FT long x 3 FT high, galvanized steel double tube (2 IN Diameter) horizontal and vertical members, damaged by strong winds and wind blow debris , 0% work completed.
- Exterior Site, 1 each of Ornamental Rolling Gate, 40 FT long x 5 FT high, weldable galvanized steel square tubes (1" X 1"), damaged by strong winds, wind blow debris and fallen tree limbs, 0% work completed.
- Exterior Site, Perimeter Fence, 100 LF long x 6 FT high, chain link, galv. ga. no. 9, post - 2-½" inch diam galv., 3-strands barbed wire (4-point), damaged by strong winds, wind blow debris, fallen trees and vegetation , 0% work completed.

## Final Scope

219340 T085506700

## Work to be completed

The applicant will utilize contracts and (or) force accounts for repairs to **PRIDCO Building - T085506700** to restore facilities back to pre-disaster design, function and capacity(in-kind) within the existing footprint.

### 1. SITE:

- A Prep and paint, Handrail, 10 FT long x3 FT high, galvanized steel single tube (2 IN Diameter) horizontal and vertical members.

### 1. WALL:

- A Prep and paint, 12,111 SF of Exterior Walls Paint, primer and 2 coats latexpaint.

### 2. SITE:

- A Remove and replace, Barbed Wire , 130 LF long, 3-strands barbed wire (4-point).
- B Remove and replace, Chain Link Fence , 410 LF long x6 FT high, ga. no. 9, post - 2-1/2" inch diam galv., 3-strands barbed wire (4-point).
- C Prep and paint, Paint, 29 FT long x3 FT high, galvanized steel double tube (2 IN Diameter) horizontal members and single tube vertical member.

**Work to be Completed total: \$** [REDACTED]

**Project Total: \$** [REDACTED]

## Project Notes:

1. All site estimates for work to be completed were generated using RS means Software Data/Year 2020 Quarter 4 – PUERTORICO/ URBAN (PRU) with and Future Price Factors for Zone 1-Urban. Refer to document SP 101805– DR4339PR– Cost Estimate.
2. GPS coordinates have been checked for accuracy.
3. For work to be completed, the applicant is required to obtain any necessary Federal, State, and Local permits (including environmental), prior to the start of construction.
4. Please look for Maintenance Records in applicant's section. See document labeled:
  - a. *D4339PR-Certification of Maintenance-SIGNED.pdf*
  - b. *DR4339PR-Maintenance Record-PRIDCOSOP.pdf*
  - c. *DR4339PR-Mantenimiento de Propiedades PRIDCO 12.20.2019.pdf*
5. All procurement documents attached have been reviewed and will be in accordance with state and federal requirements. See attached documents labeled: *DR4339PR-Procurement Policy (Spanish Version) PRIDCO.pdf*.
6. Cost share for this version is 90%. All work and costs in this project fall between September 20, 2017 and September 20, 2022.
7. To qualify as in-kind repair/replacement, work must be done to match all physical and visual aspects of the original elements, including design, color, texture, hardware, profile, and workmanship. Should the Applicant decide not to repair/replace in-kind, then a revised scope of work must be submitted for additional EHP review.

8. PUBLIC ASSISTANCE ALTERNATIVE PROCEDURES DR-4339: This Project/PW/Project is a PA Alternative Procedures Project and funding is capped based on the fixed-cost estimate agreements for each project. The fixed-cost estimate agreements for each project can be found as attachments in GM/EMMIE. In accordance with the Public Assistance Alternative Procedures (Section 428) Guide for Permanent Work, FEMA-4339-DR-PR, funding can be shared across all of a Subrecipient's PA Alternative Procedures projects. The cumulative amount of all fixed cost estimates prepared for one Subrecipient represents a total consolidated subaward (total amount for use across all of a Subrecipient's damaged facilities). A Subrecipient may have one GMProject/PW/Project or multiple GMProjects/PW/Projects. If a Subrecipient has multiple GMProjects/PW/Projects, once the work has been completed on an individual GMProject/PW/Project or when a Subrecipient determines that there will be a cost underrun for an individual GMProject/PW/Project, a Subrecipient may request to move funding from one GMProject/PW/Project to another.

## 406 HMP Scope

### (III) Eligible Damages to be Mitigated:

DI 219340

(a) T085506700 at Lat/Long 18.47179, -66.93382.

1. Exterior Site, Chain Link Fence , 410 LF long x 6 FT high, ga. no. 9, post - 2-1/2" inch diam galv., 3-strands barbed wire (4-point) , damaged by strong winds, wind blow debris, fallen trees and vegetation, 0% work completed.

### (IV) Hazard Mitigation Proposal (HMP) Scope of Work:

DI 219340

(a) T085506700.

Proposed Mitigation for Item a-1 (6 ft high 410 ft long Chain Link Fence):

1. Recommend the use galvanized steel pipes 3 IN in diameter Schedule 40. 468 L.F. for 6 ft high fence (52 poles of 9 ft each).

### (V) Hazard Mitigation Proposal (HMP) Cost:

TO BE PROVIDED BY COST-ESTIMATING GROUP FOR DR-4339-PR

DI 219340

Total Cost for Pre-disaster (PA) Repair/Replacement SOW for Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

-  
Net Cost of Hazard Mitigation = \$ [REDACTED] (PA SOW Cost - HMP SOW Cost)



Hazard Mitigation Total Soft Costs: \$ [REDACTED]

Total Mitigation Costs: (Net Cost + Soft Costs) = \$ [REDACTED]

(VI) Cost Effectiveness Calculation:

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when" the mitigation measure is specifically listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies." The Hazard Mitigation Proposed cost estimate is listed in the Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

**219341 T095407000**

**Work to be completed**

The applicant will utilize contracts and (or) force accounts for repairs to **PRIDCO Building - T095407000 & Extension** to restore facilities back to pre-disaster design, function and capacity(in-kind) within the existing footprint.

**1. ROOF:**

- A Remove and replace, 60 SF of Waterproofing System, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system.
- B Remove and replace, Aluminum Flashing, 6 FT long x 1.5 FT wide, Ga. 0.032.
- C Remove and replace, 4 each of Exhaust Fans , 5 FT long x 5 FT wide, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in fan size, 1-HP motor, 115/230V.
- D Prep and paint, 60 SF of Ceiling Paint, primer and 2 coats latexpaint.

**2.WALL:**

- A Remove and replace, 4 each of Aluminum Jalousie Windows, 3 FT wide x 5 FT high, Miami Type, ga 0.062, heavy duty hardware.
- B Prep and paint, 60 SF of Interior Paint, primer and 2 coats latexpaint.
- C Prep and paint, 10,373 SF of Exterior Paint, primer and 2 coats latexpaint.

**3. SITE:**

- A Remove and replace, 1 each of Barbed Wire , 130 FT long, 3-strands barbed wire (4-point).

**Work to be Completed total: \$ [REDACTED]**

**406 HMP Scope**

(III) Eligible Damages to be Mitigated:

DI 219341

- 1. Building Exterior, 60 SF of Waterproofing System, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system,

damaged by wind driven rain, wind blow debris and strong winds , 0% work completed.

2. Building Exterior, 4 each of Exhaust Fans , 5 FT long x 5 FT wide, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in fan size, 1-HP motor, 115/230V, damaged by strong winds and wind blow debris, 0% work completed.

**(IV) Hazard Mitigation Proposal (HMP) Scope of Work:**

DI 219341

(b) T095407000.

Proposed Mitigation for Item b-1 (6,000 S.F. Roof Waterproofing Membrane):

1. Add sbs air barrier layer to 60 S.F. of Roof

Proposed Mitigation for Item b-2 (2/EA Exhaust Fans):

1. When replacing the exhaust fans, add an anchoring system for each unit that will resist expected wind pressure during a similar event to prevent them from being overturned and damaged

**(V) Hazard Mitigation Proposal (HMP) Cost:**

TO BE PROVIDED BY COST-ESTIMATING GROUP FOR DR-4339-PR

DI 219341

Total Cost for Pre-disaster (PA) Repair/Replacement SOW for Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

-

Net Cost of Hazard Mitigation = \$ [REDACTED] (PA SOW Cost - HMP SOW Cost)

Hazard Mitigation Total Soft Costs: \$ [REDACTED]

Total Mitigation Costs: (Net Cost + Soft Costs) = \$ [REDACTED]

**(VI) Cost Effectiveness Calculation:**

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when" the mitigation measure is specifically listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies." The Hazard Mitigation Proposed cost estimate is listed in the Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

219342 **T102907000**

#### Work to be completed

The applicant will utilize contracts and (or) force accounts for repairs to **PRIDCO Buiding - T102907000** to restore facilities back to pre-disaster design, function and capacity(in-kind) within the existing footprint.

#### 1. WALL:

- A. Prep and paint, 7,824 SF of Exterior Walls Paint, primer and 2 coats latexpaint.
- B. Remove and replace, 1 each of Aluminum Jalousie Windows, 3 FT wide x6 FT high, Miami type, ga 0.062, heavy dutyhardware.
- C. Repair, 20 SF of Cement Plaster.

#### 2. SITE:

- A. Prep and paint, Handrail Paint, 18 LF long x3 FT high, galvanized steel single tube (2 IN Diameter) horizontal members and single tube vertical member.
- B. Prep and paint, Handrail Paint, 9 FT long x3 FT high, galvanized steel double tube (2 IN Diameter) horizontal and vertical members.
- C. Remove and replace, 1 each of Ornamental Rolling Gate, 40 FT long x5 FT high, weldable galvanized steel square tubes (1" X1").
- D. Remove and replace, Perimeter Fence, 100 LF long x6 FT high, chain link, galv. ga. no. 9, post - 2-½" inch diam galv., 3-strands barbed wire (4-point).

Work to be Completed total: \$ [REDACTED]

### 406 HMP Scope

#### (III) Eligible Damages to be Mitigated:

DI 219342

- 1. Exterior Site, Perimeter Fence, 100 LF long x 6 FT high, chain link, galv. ga. no. 9, post - 2-½" inch diam galv., 3-strands barbed wire (4-point), damaged by strong winds, wind blow debris, fallen trees and vegetation , 0% work completed.

#### (IV) Hazard Mitigation Proposal (HMP) Scope of Work:

DI 219342

Proposed Mitigation for Item c-1 (6 ft high 100 ft long Chain Link Fence):

- 1. Recommend the use galvanized steel pipes 3 IN in diameter Schedule 40. 117 L.F. for 6 ft high fence (13 poles of 9 ft each).

(V) Hazard Mitigation Proposal (HMP) Cost:

TO BE PROVIDED BY COST-ESTIMATING GROUP FOR DR-4339-PR

DI 219342

Total Cost for Pre-disaster (PA) Repair/Replacement SOW for Eligible Damages to be Mitigated = \$ [REDACTED]

Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED]

-

Net Cost of Hazard Mitigation = \$ [REDACTED] (PA SOW Cost - HMP SOW Cost)

Hazard Mitigation Total Soft Costs: \$ [REDACTED]

Total Mitigation Costs: (Net Cost + Soft Costs) = \$ [REDACTED]

(VI) Cost Effectiveness Calculation:

HMP Cost/ Benefit = (Net Cost of Hazard Mitigation/ Cost for HM Eligible PA Repair SOW) x 100

Ratio of HMP C/B = \$ [REDACTED] / \$ [REDACTED] x 100 = [REDACTED] % < 100% and Appendix J.

In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V3.1 April 2018, Chapter 2.VII. Section C cost effectiveness is achieved when" the mitigation measure is specifically listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the eligible repair cost (prior to any insurance reductions) of the facility or facilities for which the mitigation measure applies." The Hazard Mitigation Proposed cost estimate is listed in the Appendix J and within 100% of the eligible repair and restoration costs and meets cost effective requirements.

## Cost

Code	Quantity	Unit	Total Cost	Section
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted
9001 (Contract)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted

CRC Gross Cost	\$ [REDACTED]
Total 406 HMP Cost	\$ [REDACTED]
Total Insurance Reductions	\$ [REDACTED]
<hr/>	
CRC Net Cost	\$ [REDACTED]
Federal Share (90.00%)	\$ [REDACTED]
Non-Federal Share (10.00%)	\$ [REDACTED]

## Subgrant Conditions

- As described in Title 2 Code of Federal Regulations (C.F.R.) § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions are stated in 2 C.F.R. §200.333(a) – (f)(1) and (2). All records relative to this project are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.
- In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.
- The Recipient must submit its certification of the subrecipient's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work, or the project deadline, whichever occurs first. FEMA reimburses Large Projects (those with costs above the large project threshold) based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.
- Additional subawards can be included in this consolidation during the 12 months following the date of declaration. Subrecipient agrees to fund any overrun associated with completion of the work.
- The terms of the FEMA-State Agreement are incorporated by reference into this project under the Public Assistance award and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide; and other applicable FEMA policy and guidance.
- The DHS Standard Terms and Conditions in effect as of the declaration date of this emergency declarations or major disaster, as applicable, are incorporated by reference into this project under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.
- The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at Title 2 Code of Federal Regulations (C.F.R.) Part 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. Part 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.
- The subrecipient must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the subrecipient commences work associated with a change before FEMA approves the

change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.

- Pursuant to section 312 of the Stafford Act, 42 U.S.C. 5155, FEMA is prohibited from providing financial assistance to any entity that receives assistance from another program, insurance, or any other source for the same work. The subrecipient agrees to repay all duplicated assistance to FEMA if they receive assistance for the same work from another Federal agency, insurance, or any other source. If an subrecipient receives funding from another federal program for the same purpose, it must notify FEMA through the Recipient and return any duplicated funding.

## Insurance

### Additional Information

11/24/2020

### GENERAL INFORMATION

Event: 4339DR-PR

Project: ST-101805

Category of Work: Cat E - Buildings & Equipment

Applicant: PR Industrial Development Company

Event Type: Hurricane Maria

Cause of Loss: Wind / Wind Driven Rain

Incident Period: 9/17/2017 to 11/15/2017

Total Public Assistance Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED])

### COMMERCIAL INSURANCE INFORMATION

Does the Applicant have a Commercial Policy: Yes

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**NUMBER OF DAMAGED INVENTORIES INCLUDED IN THIS PROJECT: (3)**

**Damaged Inventory (DI) #219340:**

**T085506700**

Number of damaged locations included in this DI: (1)

Location Description Road PR-2, Km. 100.8, San Jose Ward Quebradillas, Puerto Rico

GPS Coordinates: 18.47179, -66.93382

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed Location Limit

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED])

**Prior Obtain and Maintain Requirement:**

No prior insurance requirements were found for this facility.

**Reduction(s):**

No reduction is being made to this facility, since the insurance limit and deductible was exhausted in projects 101816 & 101844.

**Obtain and Maintain Requirement:**

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T085506700) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost [REDACTED]). See; SP 101805 - DR4339PR - Cost Estimate-Insurance.

**Damaged Inventory (DI) #219341:**

**T095407000**

Number of damaged locations included in this DI: (1)

Location Description: Road PR-2, Km. 100.6, San Jose Ward. Quebradillas, Puerto Rico

GPS Coordinates: 18.47259, -66.93419

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED] )

Prior Obtain and Maintain Requirement:

No prior insurance requirements were found for this facility.

Reduction(s):

No reduction is being made to this facility, since the insurance limit and deductible was exhausted in projects 101816 & 101844.

Obtain and Maintain Requirement:

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (a wind associated losses including "wind driven rain" for (T095407000) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED] ) See: SP 101805 - DR4339PR - Cost Estimate-Insurance.

**Damaged Inventory (DI) #219342:**

**T102907000**

Number of damaged locations included in this DI: (1)

Location Description: Road PR-2, Km. 100.7, San Jose Ward Quebradillas, Puerto Rico

GPS Coordinates: 18.47226, -66.93412

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED] )

Prior Obtain and Maintain Requirement:

No prior insurance requirements were found for this facility.



### Reduction(s):

No reduction is being made to this facility, since the insurance limit and deductible was exhausted in projects 101816 & 101844.

### Obtain and Maintain Requirement:

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T066206400) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED]) See; SP 101805 - DR4339PR - Cost Estimate-Insurance.

### Standard Insurance Comments

#### FEMA Policy [REDACTED]

#### **PART 2: Other Insurance-Related Provisions. (Sections 312 and 406(d) of the Stafford Act)**

**A. Duplication of Benefits.** FEMA cannot provide assistance for disaster-related losses that duplicate benefits available to an applicant from another source, including insurance.

1. Before FEMA approves assistance for a property, an applicant must provide FEMA with information about any actual or anticipated insurance settlement or recovery it is entitled to for that property.
2. FEMA will reduce assistance to an applicant by the amount of its actual or anticipated insurance proceeds.
3. Applicants must take reasonable efforts to recover insurance proceeds that they are entitled to receive from their insurer(s).

### Obtain and Maintain Requirements:

#### **44 CFR § 206.253 Insurance requirements for facilities damaged by disasters other than flood.**

**(a)** Prior to approval of a Federal grant for the restoration of a facility and its contents which were damaged by a disaster other than flood, the recipient shall notify the Regional Administrator of any entitlement to insurance settlement or recovery for such facility and its contents. The Regional Administrator shall reduce the eligible costs by the actual amount of insurance proceeds relating to the eligible costs.

#### **(b)**

**(1)** Assistance under section 406 of the Stafford Act will be approved only on the condition that the recipient obtain and maintain such types and amounts of insurance as are reasonable and necessary to protect against future loss to such property from the types of hazard which caused the major disaster. The extent of insurance to be required will be based on the eligible damage that was incurred to the damaged facility as a result of the major disaster. The Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.

**(2)** Due to the high cost of insurance, some applicants may request to insure the damaged facilities under a blanket insurance policy covering all their facilities, an insurance pool arrangement, or some combination of these options. Such an arrangement may be accepted for other than flood damages. However, if the same facility is damaged in a similar future disaster, eligible costs will be reduced by the amount of eligible damage sustained on the previous disaster.

**(c)** The Regional Administrator shall notify the recipient of the type and amount of insurance required. The recipient may request that the State Insurance Commissioner review the type and extent of insurance required to protect against future loss to a disaster-damaged facility, the Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.

**(d)** The requirements of section 311 of the Stafford Act are waived when eligible costs for an insurable facility do not exceed \$5,000. The Regional Administrator may establish a higher waiver amount based on hazard mitigation initiatives which reduce the risk of future damages by a disaster similar to the one which resulted in the major disaster declaration which is the basis for the application for disaster assistance.

(e) The recipient shall provide assurances that the required insurance coverage will be maintained for the anticipated life of the restorative work or the insured facility, whichever is the lesser.

(f) No assistance shall be provided under section 406 of the Stafford Act for any facility for which assistance was provided as a result of a previous major disaster unless a liability insurance required by FEMA as a condition of the previous assistance has been obtained and maintained.

**FEMA Policy** [REDACTED]

**F. Timeframes for Obtaining Insurance.** FEMA will only approve assistance under the condition that an applicant obtains and maintains the required insurance.

The applicant must document its commitment to comply with the insurance requirement with proof of insurance.

If an applicant cannot insure a facility prior to grant approval (for example, if a building is being reconstructed), the applicant may provide a letter of commitment stating that they agree to the insurance requirement and will obtain the types and extent of insurance required, followed at a later date by proof of insurance once it is obtained. In these cases, the applicant should insure the property:

- a. When the applicant resumes use of or legal responsibility for the property (for example, per terms of construction contract or at beneficial use of the property); or
- b. When the scope of work is complete.

FEMA and the recipient will verify proof of insurance prior to grant closeout to ensure the applicant has complied with the insurance requirement.

An applicant should notify FEMA—in writing through the recipient—of changes to their insurance which impact their ability to satisfy the insurance requirement after it provides proof of insurance to FEMA. This includes changes related to self-insurance. If an applicant fails to do this, FEMA may de-obligate assistance and not provide assistance in a future disaster.

[REDACTED]

[REDACTED]

**O&M Requirements**

Insured Peril	Item Type	Description	Required Coverage Amount
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T085506700) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost [REDACTED]). See; SP 101805 - DR4339PR - Cost Estimate-Insurance.	\$ [REDACTED]
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T095407000) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP 101805 - DR4339PR - Cost Estimate-Insurance.	\$ [REDACTED]
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T066206400) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED]) See; SP 101805 - DR4339PR - Cost Estimate-Insurance.	\$ [REDACTED]

**406 Mitigation**

There is no additional mitigation information on **L-276 - San**

## Environmental Historical Preservation

Is this project compliant with EHP laws, regulations, and executive orders?

Yes

### EHP Conditions

- Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archaeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.
- Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA) Conditions: 1. The Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the JCA/EQB guidelines at a permitted site or landfill. 2. For asbestos containing material and lead base paint the Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the DNER/EQB guidelines at a permitted site or landfill or provide evidence of the close out permit from DNER/EQB for activities of remediation, abatement or removal of those materials. 3. Unusable equipment, debris, white goods, scrap metal any other material shall be disposed in approved manner and location. In the event significant items are discovered during the implementation or development of the project the Applicant shall handle, manage and dispose petroleum products, hazardous materials and toxic waste in accordance to the requirements of the local and federal agencies. Noncompliance with these requirements may jeopardize receipt of federal funds.
- Endangered Species Act (ESA) Conditions for *Epicrates Inornatus* (Puerto Rican Boa): 1. Inform all personnel about the potential presence of the PR boa and the VI boa in areas where the proposed work will be conducted. Photographs of the PR and VI Boa are to be prominently displayed at the site. The recipient must ensure that project personnel is able to correctly identify a PR or VI boa. For information on PR boa, please visit: <https://ecos.fws.gov/ecp/species/6628>. 2. Prior to any construction activity, including removal of vegetation and earth movement, the boundaries of the project area must be delineated, buffer zones, and areas to be excluded and protected, should be clearly marked in the project plan and in the field to avoid further habitat degradation into forested areas. Once areas are clearly marked, and prior to any construction activity, including site preparation, project personnel able to correctly identify a PR or VI boa must survey the areas to be cleared to ensure that no boas are present within the work area. Vehicle and equipment operation must remain on designated access roads/paths and within rights-of way. 3. If a PR boa is found within any of the working or construction areas, activities should stop in the area where the boa was found. Do not capture the boa. If boas need to be moved out of harm's way, project personnel designated by the recipient shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #: 787-724-5700, 787-230-5550, 787-771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue. 4. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the boa (PRDNER phone #: 787-724-5700, 787-230-5550, 787-771-1124). If not possible, the animal should be left alone until it leaves the vehicle on its own. 5. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If PR boas are found within debris piles, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future. 6. For all boa sightings (dead or alive), personnel designated by the recipient must record the time and date of the sighting and the specific location where the boa was found. Data should also

include a photo of the animal dead or alive, and site GPS coordinates, and comments on how the animal was detected and its behavior. If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. All boa sighting reports should be sent to the USFWS Caribbean Ecological Services Field Office, Marelisa Rivera - Deputy Field Supervisor, 787-851-7297 extension 206, 787-510-5207, marelisa\_rivera@fws.gov. For Virgin Islands Boas in St. Thomas and Steven's Cay US Virgin Islands (VI boas have not been reported on St. Croix or St. John): 7. Follow the same guidance above but contact the VI Division of Fish and Wildlife (VIDFW), for technical assistance (340-775-6762) and capture of any VI boas. For information on USVI boa, please visit: <https://ecos.fws.gov/ecp/species/3247> b. The VIDFW has developed site-specific VI boa protocol; Applicants will be responsible for executing conservation measures recommended by VIDFW. Final project report to be submitted to USFWS. The Applicant must provide documentation at close-out that proves the completion of required Conservation Measures.

- Endangered Species Act (ESA) Conditions for The Puerto Rican Crested Toad 32. The Puerto Rican Crested Toad (PRCT): Outside breeding events, the species is difficult to detect. The PRCT seems to be more active at night, from 7:30 pm to 1:00 am, and have been observed using small holes and crevices to access underground chambers as daytime retreats. The USFWS has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PRCT and its habitat. A) Inform all project personnel about the potential presence of the PRCT in areas where the proposed work will be conducted. A preconstruction meeting shall be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PRCTs. An educational poster or sign with photo or illustration of the species should be displayed at the project site. B) Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected shall be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas. C) Strict measures shall be established to minimize toad casualties by motor vehicles or other equipment in areas where the species is known to occur. Once the access routes are determined, maintain the traffic (human and vehicle) within designated access to minimize affecting toads and habitat. Personnel shall pay attention in those access routes particularly at night, and after heavy rains to avoid mortality of toads. D) Before earth movement, vegetation clearing or debris removal activities commence each workday, a biologist or personnel with experience identifying and searching for toads shall survey the work area to ensure that no toads are present or can be affected by the work activities for that day. If a crested toad is observed any time within the operational area of the project, cease or delay activities in this area until the toads move out of the area on their own. Activities at other work sites, where no toads have been found after surveying, may continue. E) We recommend the use of sound recorders and monitoring of ponds, if present, within or near the project area to detect toad activities and breeding events, particularly during the rainy season. F) Avoid impacts to drainages and avoid interrupting water flow. G) If a PRCT is in an imminent risk of being affected by the project, contact DNER and the USFWS. H) For all PRCT sightings (dead or alive), record the time and date of the sighting and the specific location and contact the USFWS. If you have any questions regarding the above conservation measures, please contact the USFWS: i. Marelisa Rivera, Deputy Field Supervisor ii. Email: marelisa\_rivera@fws.gov iii. Office phone 787-851-7297 ext. 206 or mobile 787-510-5207 The Applicant must provide documentation at close-out that proves completion of required Conservation Measures.

## EHP Additional Info

There is no additional environmental historical preservation on **L-276 - San Jose Ward - Quebradillas**.

## Final Reviews

### Final Review

**Reviewed By** COLON, JAVIER

**Reviewed On** 12/02/2020 3:28 PM VET

#### Review Comments

To the best of my knowledge, this project is ready to continue the review process

### Recipient Review

**Reviewed By** Not Reviewed

**Reviewed On** Not Reviewed

#### Review Comments

*No comments available for the Recipient Review step*

## Project Signatures

**Signed By** Unsigned

**Signed On** Unsigned

# Department of Homeland Security Federal Emergency Management Agency

## General Info

<b>Project #</b>	102557	<b>Project Type</b>	Specialized
<b>Project Category</b>	E - Buildings and Equipment	<b>Applicant</b>	PR INDUSTRIAL DEVELOPMENT COMPANY (000-UEQ77-00)
<b>Project Title</b>	L-203-1 - Zona Urbana - Utuado	<b>Event</b>	4339DR-PR (4339DR)

## Damage Description and Dimensions

The Disaster # 4339DR, which occurred between *09/17/2017* and *11/15/2017*, caused:

### Damage #219458; T089406700

#### General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building T-0894-0-67
- **Facility Description:** Industrial building used (leased) for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of steel joists with metal deck with built-up roofing material. The building was constructed in 1967 and has approximate roof dimensions of 240FT x 93FT; (2)- [30FT x 12FT] (restroom unit roofs) for an approximate total roof area of 23,040SF.
- **Year Built:** 1967
- **Location Description:** Road PR-11, Km 0.1 , Salto Abajo, Utuado, PR 00641
- **GPS Latitude/Longitude:** 18.26910, -66.71205
- **Number of Stories:** 1

#### General Damage Information:

- **Date Damaged:** 9/17/2017
- **Cause of Damage:** Wind Driven Rain, High Winds & Wind Blown Debris

#### Building Damage:

##### 1. ROOF:

- Building Exterior, 23,400 SF of Waterproofing Membrane, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system, damaged by high winds, wind driven rain and flying debris , 0% work completed.
- Building Exterior, Aluminum Flashing, 774 LF long, ga. 0.032, damaged by high wind, wind driven rain and flying debris , 0% work completed.
- Building Exterior, 1 each of Exhaust Fan, 5 FT long x 5 FT wide, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in fan size, 1-HP motor, damaged by high winds, wind driven rain and flying debris , 0% work completed.
- Building Exterior, 900 SF of Metal Roof Deck, 45 FT long x 20 FT wide, 22ga, screwed, damaged by high winds and fallen tree , 0% work completed.
- Building Exterior, 1 each of Exterior Cobra Light , floodlight, exterior, metal halide, 100/150 Watt, damaged by high winds and flying debris, 0% work completed.
- Building Interior, 23,040 SF of Ceiling Paint, Area, primer and 2 coats latex paint, damaged by wind driven rain, 0% work completed.

## 2. WALL:

- Building Exterior, 12,771 SF of Exterior Paint., primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.
- Building Interior, 10,884 SF of Interior Paint, Area, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

## 3. SITE:

- Exterior Site, Perimeter Fence, 40 LF long x 6 FT high, chain link, galv. Ga. no. 9, post - 2.5 inch diam galv., 3-strands barbed wire (4-point), damaged by high winds, wind blown debris and fallen tree, 0% work completed.

## Final Scope

219458 T089406700

### Work to be completed

The applicant will utilize contracts for repairs to the PRIDCO Building T-0894-0-67, to restore facilities back to pre-disaster condition with in kind material within the existing footprint.

### 1. ROOF:

- Remove and replace with in kind material, 23,400 SF of Waterproofing Membrane, 2-Ply Styrene butadiene Styrene (SBS) Modified Bituminous composite reinforced roofing system.
- Remove and replace with in kind material, Aluminum Flashing, 774 LF long, ga. 0.032.
- Remove and replace with in kind material, 1 each of Exhaust Fan, 5 FT long x 5 FT wide, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in fan size, 1-HP motor.
- Remove and replace with in kind material, 900 SF of Metal Roof Deck, 45 FT long x 20 FT wide, 22ga, screwed.
- Remove and replace with in kind material, 1 each of Exterior Cobra Light, floodlight, exterior, metal halide, 100/150 Watt.
- Prepare and paint in kind, 23,040 SF of Ceiling Area, primer and 2 coats latex paint. Please refer to Project Note Number 9.

### 2. WALL:

- Prepare and paint in kind, 12,771 SF of Building Exterior, primer and 2 coats latex paint.
- Prepare and paint in kind, 10,884 SF of Interior Paint, Area, primer and 2 coats latex paint.

### 3. SITE:

- Remove and replace with in kind material, Perimeter Fence, 40 LF long x 6 FT high, chain link, galv. Ga. no. 9, post - 2.5 inch diam galv., 3-strands barbed wire (4-point).

Work to be Completed total: \$ [REDACTED]

Cost Estimating Format Total: \$ [REDACTED]

Project Notes:

1. All site estimates for work to be completed were generated using RS means Software Data/Year 2020 Quarter 4 - PUERTO RICO / RURAL (PR and Future Price Factors for Zone 2-RURAL).
2. A Cost Estimate Format (CEF) has been created for this project. See documents labeled *SP102557-DR4339PR-Cost Estimate.xlsx* and *SP102557-DR4339PR-CEF.xlsx*. CEF cost estimate in GM may vary from CEF cost estimate worksheet due to rounding. The worksheet cannot be adjusted to correct the difference.
3. GPS coordinates have been checked for accuracy. The coordinates included in the DDD are located at the entrance of the property lot. The building coordinates are: 18.269000 and -66.712558. Project address is: Road PR-11, Km 0.1, Salto Abajo, Utuado, PR 00641.
4. For work to be completed, the applicant is required to obtain any necessary Federal, State, and Local permits (including environmental), prior to the start of construction.
5. Please look for Maintenance Records in applicant's secun. See document labeled: *DR4339PR-Maintenance Record-PRIDCO SOP.pdf*, *DR4339PR-PRIDCO Property Maintenance Procedures (English Version).pdf* and *D4339PR-Certification of Maintenance-SIGNED.pdf*.
6. All procurement documents attached have been reviewed and will be in accordance with state and federal requirements. See attached documents labeled: *DR4339PR-Procurement Policy (Spanish Version) PRIDCO.pdf*.
7. PUBLIC ASSISTANCE ALTERNATIVE PROCEDURES DR-4339: This Project/PW/Project is a PA Alternative Procedures Project and funding is based on the fixed-cost estimate agreements for each project. The fixed-cost estimate agreements for each project can be found as attachments in GM/EMMIE. In accordance with the Public Assistance Alternative Procedures (Secun 428) Guide for Permanent Work, FEMA-4339-DR-PR, funding can be shared across all of a Subrecipient's PA Alternative Procedures projects. The cumulative amount of all fixed cost estimates prepared for one Subrecipient represents a total consolidated subaward (total amount for use across all of a Subrecipient's damaged facilities). A Subrecipient may have one GM Project/PW/Project or multiple GM Projects/PW/Projects. If a Subrecipient has multiple GM Projects/PW/Projects, once the work has been completed on an individual GM Project/PW/Project or when a Subrecipient determines that there will be a cost overrun for an individual GM Project/PW/Project, a Subrecipient may request to move funding from one GM Project/PW/Project to another.
8. To qualify as "in-kind repair/replacement," work must be done to match all physical and visual aspects of the original elements, including design, color, texture, hardware, profile, and workmanship. Should the Applicant decide not to repair/replace in-kind, then a revised scope of work must be submitted to FEMA for approval and additional EHP review.
9. Ceiling Paint damage claimed in the DDD was withdrawn from the project. Please refer to RFI-PRJ-42594, Line 104176 for additional information.

## 406 HMP Scope

### Hazard Mitigation Proposal (HMP) Scope of Work:

This is an industrial building used for manufacturing and commercial activities. One-story building, with main structure components (beams, columns ground slabs and foundation) comprised of reinforced concrete and concrete masonry Units (CMU). Roof structure composed of steel joists with metal deck with built-up roofing material. It is located in urban municipality of Utuado. Cause of damage was high velocity winds, wind blown debris and excessive rain. Mitigation is supplementary and will consist in:

1. Furnish and install 23,400 SF of an SBS membrane 87 to 120 mils thick to the roof.

Applying an additional membrane will help to absorb energy from flying debris and protect roof membranes below, helping to mitigate damage to the roof and interior damages from water infiltration.

2. Furnish and install a termination bar of 666 LF along the roof perimeter.

Including a Termination Bar or "Peel-Stop" Bar will help to prevent the roof membrane from being displaced. This will mitigate damages to the roof as well as subsequent damages to the interior from water infiltration.

3. Furnish and install one anchoring system to the roof exhaust fan.

This will resist expected wind pressure during a similar event to prevent them from being overturned and damaged.

4. Harden 40 LF of chain link fence by:

- a) Change posts from 10ft to 8ft on center for the 40LF of fence.



- b) Replace posts from 2 IN diameter to 3 IN diameter.
- c) Bury posts 3 FT deep instead of 2 FT deep. This will include additional concrete for the footing and labor for excavation and installation.
- d) Add galvanized wire at the bottom to brace fence between posts and secure to posts with brace band

This mitigation is intended to strengthen chain link fence to reduce similar damages.

The Estimate of Work for this project is as follows:

(23400 SF) of SBS modified bituminous membrane, heavyweight base, sheet, 87 to 120 mil thick @ \$ [REDACTED]/SF = \$ [REDACTED]

(666 LF) of Termination Bar @ \$ [REDACTED]/LF = \$ [REDACTED]

(1 EA) of Anchoring system for rooftop equipment (exhaust fan) @ \$ [REDACTED]/EA = \$ [REDACTED]

(40 LF) of Chain link fence hardening @ \$ [REDACTED]/LF = \$ [REDACTED]

**The total cost of these mitigation efforts is \$ [REDACTED]**

**The total cost of these mitigation efforts after soft costs is \$ [REDACTED]**

**The total cost of these mitigation efforts after CEF costs is \$ [REDACTED]**

## Cost

Code	Quantity	Unit	Total Cost	Section
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$ [REDACTED]	Uncompleted

CRC Gross Cost	\$ [REDACTED]
Total 406 HMP Cost	\$ [REDACTED]
Total Insurance Reductions	\$ [REDACTED]
<b>CRC Net Cost</b>	<b>\$ [REDACTED]</b>
Federal Share (90.00%)	\$ [REDACTED]
Non-Federal Share (10.00%)	\$ [REDACTED]

## Subgrant Conditions

- As described in Title 2 Code of Federal Regulations (C.F.R.) § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions are stated in 2 C.F.R. §200.333(a) – (f)(1) and (2). All records relative to this project are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.
- In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.
- The Recipient must submit its certification of the subrecipient's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work, or the project deadline, whichever occurs first. FEMA reimburses Large Projects (those with costs above the large project threshold) based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.
- Subrecipient agrees to fund any cost overrun associated with completion of the approved Scope of Work.
- The terms of the FEMA-State Agreement are incorporated by reference into this project under the Public Assistance award and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide; and other applicable FEMA policy and guidance.
- The DHS Standard Terms and Conditions in effect as of the declaration date of this emergency declarations or major disaster, as applicable, are incorporated by reference into this project under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.
- The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at Title 2 Code of Federal Regulations (C.F.R.) Part 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. Part 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.
- The subrecipient must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the subrecipient commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.
- Pursuant to section 312 of the Stafford Act, 42 U.S.C. 5155, FEMA is prohibited from providing financial assistance to any

entity that receives assistance from another program, insurance, or any other source for the same work. The subrecipient agrees to repay all duplicated assistance to FEMA if they receive assistance for the same work from another Federal agency, insurance, or any other source. If an subrecipient receives funding from another federal program for the same purpose, it must notify FEMA through the Recipient and return any duplicated funding.

## Insurance

### Additional Information

12/16/2020

#### GENERAL INFORMATION

Event: 4339DR-PR

Project: SP 102557

Category of Work: Cat E - Buildings & Equipment

Applicant: PR Industrial Development Company

Event Type: Hurricane Maria

Cause of Loss: Wind / Wind Driven Rain

Incident Period: 9/17/2017 to 11/15/2017

Total Public Assistance Amount: \$ [REDACTED] (Repairs \$ [REDACTED] + HMP cost \$ [REDACTED])

#### COMMERCIAL INSURANCE INFORMATION

Does the Applicant have a Commercial Policy: Yes

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**NUMBER OF DAMAGED INVENTORIES INCLUDED IN THIS PROJECT: (1)**

**Damaged Inventory (DI) #219458:**

**T089406700**

Number of damaged locations included in this DI: (1)

Location Description: Road PR-11, Km 0.1 , Salto Abajo, Utuado, PR 00641

GPS Coordinates: 18.26910, -66.71205

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed

SOV / Schedule Amount: \$ [REDACTED]

Applicable Deductible Amount: \$ [REDACTED]

Damage Inventory Amount: \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED])

**Prior Obtain and Maintain Requirement:**

No prior insurance requirements were found for this facility.

**Reduction(s):**

No reduction is being made to this facility, since the insurance limit for Unnamed facilities and deductible was exhausted in projects 101816 & 101844.

**Obtain and Maintain Requirement:**

An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T0894067000) in the amount of \$ [REDACTED] (Insurable repair cost \$ [REDACTED] – Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP102557-DR4339PR-Cost Estimate-Insurance.

**Standard Insurance Comments**

**FEMA Policy [REDACTED]**

**PART 2: Other Insurance-Related Provisions. (Sections 312 and 406(d) of the Stafford Act)**

**A. Duplication of Benefits.** FEMA cannot provide assistance for disaster-related losses that duplicate benefits available to an applicant from another source, including insurance.

1. Before FEMA approves assistance for a property, an applicant must provide FEMA with information about any actual or anticipated insurance settlement or recovery it is entitled to for that property.
2. FEMA will reduce assistance to an applicant by the amount of its actual or anticipated insurance proceeds.
3. Applicants must take reasonable efforts to recover insurance proceeds that they are entitled to receive from their insurer(s).

**FEMA Policy [REDACTED]**

**H. Subsequent Assistance.** When a facility that received assistance is damaged by the same hazard in a subsequent disaster:

1. If the applicant failed to maintain the required insurance from the previous disaster, then the facility is not eligible for assistance in any subsequent disaster.
2. Upon proof that the applicant maintained its required insurance, FEMA will reduce assistance in the subsequent disaster by the amount of insurance

required in the previous disaster regardless of:

a. The amount of any deductible or self-insured retention the applicant assumed (i.e., “retained risk”).

**Obtain and Maintain Requirements:**

**44 CFR § 206.253 Insurance requirements for facilities damaged by disasters other than flood.**

(a) Prior to approval of a Federal grant for the restoration of a facility and its contents which were damaged by a disaster other than flood, the recipient shall notify the Regional Administrator of any entitlement to insurance settlement or recovery for such facility and its contents. The Regional Administrator shall reduce the eligible costs by the actual amount of insurance proceeds relating to the eligible costs.

(b) (1) Assistance under section 406 of the Stafford Act will be approved only on the condition that the recipient obtain and maintain such types and amounts of insurance as are reasonable and necessary to protect against future loss to such property from the types of hazard which caused the major disaster. The extent of insurance to be required will be based on the eligible damage that was incurred to the damaged facility as a result of the major disaster. The Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.

(2) Due to the high cost of insurance, some applicants may request to insure the damaged facilities under a blanket insurance policy covering all their facilities, an insurance pool arrangement, or some combination of these options. Such an arrangement may be accepted for other than flood damages. However, if the same facility is damaged in a similar future disaster, eligible costs will be reduced by the amount of eligible damage sustained on the previous disaster.

(c) The Regional Administrator shall notify the recipient of the type and amount of insurance required. The recipient may request that the State Insurance Commissioner review the type and extent of insurance required to protect against future loss to a disaster-damaged facility, the Regional Administrator shall not require greater types and extent of insurance than are certified as reasonable by the State Insurance Commissioner.

(d) The requirements of section 311 of the Stafford Act are waived when eligible costs for an insurable facility do not exceed \$5,000. The Regional Administrator may establish a higher waiver amount based on hazard mitigation initiatives which reduce the risk of future damages by a disaster similar to the one which resulted in the major disaster declaration which is the basis for the application for disaster assistance.

(e) The recipient shall provide assurances that the required insurance coverage will be maintained for the anticipated life of the restorative work or the insured facility, whichever is the lesser.

(f) No assistance shall be provided under section 406 of the Stafford Act for any facility for which assistance was provided as a result of a previous major disaster unless all insurance required by FEMA as a condition of the previous assistance has been obtained and maintained.

Final Obtain and Maintain requirement amount will be determined during the closeout process after the final actual eligible costs to repair or replace the insurable facility have been determined.

**FEMA Policy** [REDACTED]

**F. Timeframes for Obtaining Insurance.** FEMA will only approve assistance under the condition that an applicant obtains and maintains the required insurance.

The applicant must document its commitment to comply with the insurance requirement with proof of insurance.

If an applicant cannot insure a facility prior to grant approval (for example, if a building is being reconstructed), the applicant may provide a letter of commitment stating that they agree to the insurance requirement and will obtain the types and extent of insurance required, followed at a later date by proof of insurance once it is obtained. In these cases, the applicant should insure the property:

- a. When the applicant resumes use of or legal responsibility for the property (for example, per terms of construction contract or at beneficial use of the property); or
- b. When the scope of work is complete.

FEMA and the recipient will verify proof of insurance prior to grant closeout to ensure the applicant has complied with the insurance requirement.

An applicant should notify FEMA—in writing through the recipient—of changes to their insurance which impact their ability to satisfy the insurance requirement after it provides proof of insurance to FEMA. This includes changes related to self-insurance. If an applicant fails to do this, FEMA may de-obligate assistance and not provide assistance in a future disaster.

[REDACTED]

Insured Peril	Item Type	Description	Required Coverage Amount
Wind	Building	An Obtain & Maintain Requirement is being required for Building, for the peril of Wind (all wind associated losses including "wind driven rain" for (T0894067000) in the amount of \$ [REDACTED] (Insurable repair cost \$ [REDACTED] – Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP102557-DR4339PR-Cost Estimate-Insurance.	\$ [REDACTED]

## 406 Mitigation

There is no additional mitigation information on **L-203-1 - Zona Urbana - Utuado**.

## Environmental Historical Preservation

Is this project compliant with EHP laws, regulations, and executive orders? **Yes**

### EHP Conditions

- Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archaeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.
- Endangered Species Act (ESA) Conditions for Epicrates Inornatus (Puerto Rican Boa): 1. Inform all personnel about the potential presence of the PR boa and the VI boa in areas where the proposed work will be conducted. Photographs of the PR and VI Boa are to be prominently displayed at the site. The recipient must ensure that project personnel is able to correctly identify a PR or VI boa. For information on PR boa, please visit: <https://ecos.fws.gov/ecp/species/6628>. 2. Prior to any construction activity, including removal of vegetation and earth movement, the boundaries of the project area must be delineated, buffer zones, and areas to be excluded and protected, should be clearly marked in the project plan and in the field to avoid further habitat degradation into forested areas. Once areas are clearly marked, and prior to any construction activity, including site preparation, project personnel able to correctly identify a PR or VI boa must survey the areas to be cleared to ensure that no boas are present within the work area. Vehicle and equipment operation must remain on designated access roads/paths and within rights-of way. 3. If a PR boa is found within any of the working or construction areas, activities should stop in the area where the boa was found. Do not capture the boa. If boas need to be moved out of harm's way, project personnel designated by the recipient shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: 787-724-5700, 787-230-5550, 787-771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue. 4. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the boa (PRDNER phone #s: 787-724-5700, 787-230-5550, 787-771-1124). If not possible, the animal should be left alone until it leaves the vehicle on its own. 5. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for

the presence of boas. If PR boas are found within debris piles, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future. 6. For all boa sightings (dead or alive), personnel designated by the recipient must record the time and date of the sighting and the specific location where the boa was found. Data should also include a photo of the animal dead or alive, and site GPS coordinates, and comments on how the animal was detected and its behavior. If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. All boa sighting reports should be sent to the USFWS Caribbean Ecological Services Field Office, Marelisa Rivera - Deputy Field Supervisor, 787-851-7297 extension 206, 787-510-5207, marelisa\_rivera@fws.gov. For Virgin Islands Boas in St. Thomas and Steven's Cay US Virgin Islands (VI boas have not been reported on St. Croix or St. John): 7. Follow the same guidance above but contact the VI Division of Fish and Wildlife (VIDFW), for technical assistance (340-775-6762) and capture of any VI boas. For information on USVI boa, please visit: <https://ecos.fws.gov/ecp/species/3247> b. The VIDFW has developed site-specific VI boa protocol; Applicants will be responsible for executing conservation measures recommended by VIDFW. Final project report to be submitted to USFWS. The Applicant must provide documentation at close-out that proves the completion of required Conservation Measures.

- Endangered Species Act (ESA) Conditions for During breeding seasons (see below), nest surveys shall be conducted if a project occurs in a species' range. Nest searches must be conducted by qualified personnel with the appropriate DNER permits prior to start of work. If nesting activity is detected, all construction activities or human disturbance must be avoided within a 200-meter buffer to the closest nest. This avoidance strategy must be kept until fledglings successfully leave the nest permanently. Outside the nesting season, if a nest is encountered, work shall not interfere with the species until they have left the site. If nesting activity is detected, all construction activities or human disturbance must be avoided within a 200-meter buffer to the closest nest. This avoidance strategy must be kept until juvenile birds fledge the nest and are permanently gone. Nesting season/breeding season: Puerto Rican parrot (*Amazona vittata*): February to June; Puerto Rican plain pigeon (*Patagioenas inornata wetmorei* [*Columba inornata*]): April-September; Puerto Rican broad-winged hawk (*Buteo platypterus*): December-June; Puerto Rican sharp-shinned hawk (*Accipiter striatus venator*): December-June; Puerto Rican nightjar (*Antrostomus noctitherus*): February- August; Elfin-woods warbler (*Setophaga angelae*): March-June; yellow-shouldered blackbird (*Agelaius xanthomus*): February through November. For all nest sightings, the Applicant must record the time and date of the sighting and the specific location where it was found. Data should also include a photo of the nest and eggs, relocation site GPS coordinates, and the time and date of the relocation. All sightings and incidental lethal take reports should be sent to the USFWS Caribbean Ecological Services Field Office, Marelisa Rivera - Deputy Field Supervisor, 787-851-7297 extension 206, 787-510-5207, marelisa\_rivera@fws.gov. The Applicant must provide documentation at close-out that proves completion of required Conservation Measures.
- Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA) Conditions: 1. The Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the JCA/EQB guidelines at a permitted site or landfill. 2. For asbestos containing material and lead base paint the Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, and ordinances. In addition, the Applicant shall ensure that all debris is separated and disposed of in a manner consistent with the DNER/EQB guidelines at a permitted site or landfill or provide evidence of the close out permit from DNER/EQB for activities of remediation, abatement or removal of those materials. 3. Unusable equipment, debris, white goods, scrap metal any other material shall be disposed in approved manner and location. In the event significant items are discovered during the implementation or development of the project the Applicant shall handle, manage and dispose petroleum products, hazardous materials and toxic waste in accordance to the requirements of the local and federal agencies. Noncompliance with these requirements may jeopardize receipt of federal funds.

## EHP Additional Info

There is no additional environmental historical preservation on **L-203-1 - Zona Urbana - Utuado**.

## Final Reviews

### Final Review

**Reviewed By** COLON, JAVIER

**Reviewed On** 01/12/2021 8:28 AM AST

#### Review Comments

To the best of my knowledge, this project is ready to continue the review process

### Recipient Review

**Reviewed By** Not Reviewed

**Reviewed On** Not Reviewed

#### Review Comments

*No comments available for the Recipient Review step*

## Project Signatures

**Signed By** Unsigned

**Signed On** Unsigned