

DAMAGE DESCRIPTION AND DIMENSIONS (DDD)

Department of Homeland Security Federal Emergency Management Agency

General Info

Project #	102883	PW #	8329	Project Type	Specialized	
Project Category	E - Buildings and Equipment			Applicant	PR Industrial Development Company (000-UEQ77-00)	
Project Title	L-231 - Mayaguez Arriba - Mayaguez				Event	4339DR-PR (4339DR)
Project Size	Large				Declaration Date	9/21/2017
Activity Completion Date	9/20/2022				Incident Start Date	9/17/2017
Process Step	Obligated				Incident End Date	11/15/2017

Damage Description and Dimensions

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

Damage #219206; S056506201

General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID -S-0565-5-62-01-05
- **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 (Rigid Fyber Dyne) with built-up roofing material. The building was constructed in 1962 and has approximate roof dimensions of 203FT x 79FT, 35FT x 5FT; [20FT x 12FT, 30FT x 12FT] (restroom unit roofs) for an approximate total roof area of 18,422SF.
- **Year Built:** 1962
- **Location Description:** PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR
- **GPS Latitude/Longitude:** 18.20734, -67.12810
- **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, 18,422 SF of Waterproofing Membrane, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system. high wind and wind driven rain damaged the roof waterproofing membrane and ripped off some areas , 0% work completed.
- Building Exterior, 3 each of Exhaust Fan, aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in Fan Size, 1-HP Motor, high wind ripped off and dislodged three exhaust fan covers. , 0% work completed.
- Building Exterior, Aluminum Flashing, 662 LF long x 1.5 FT wide, 0.032ga, damaged by high wind, 0% work completed.

- Building Interior, 18,422 SF of Ceiling Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

2. WALL:

- Building Exterior, 11,647 SF of Exterior Paintwork, primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.
- Building Interior, 18,422 SF of Interior Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

Damage #219208; S060206300

General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID -S-0602-2-63-00 & 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 1963 and has approximate roof dimensions of 122FT x 94FT, 120FT x 93FT, (2) 30FT x 11FT, 18FT x 9FT, an additional area of 3,350SF for an approximate total roof area of 26,488SF.
- **Year Built:** 1963
- **Location Description:** PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR
- **GPS Latitude/Longitude:** 18.20705, -67.12818
- **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, 26,488 SF of Waterproofing Membrane, 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system. High wind and wind driven rain damaged the roof waterproofing membrane and ripped off some areas., 0% work completed.
- Building Exterior, 1 each of Exhaust Fan, Aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in Fan Size, 1-HP Motor. high wind ripped off and dislodged three exhaust fan covers. , 0% work completed.
- Building Exterior, Aluminum Flashing, 858 LF long x 1.5 FT wide, 0.032ga, damaged by high wind, 0% work completed.
- Building Interior, 26,488 SF of Ceiling Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

2. WALL:

- Building Exterior, 2 each of Aluminum Jalousie Windows, 2 FT wide x 4 FT high, Miami-type, Ga. 0.062. high winds and wind driven rain impacted and damaged window lattices , 0% work completed.
- Building Exterior, 16,688 SF of Exterior Paintwork, primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.
- Building Interior, 14,750 SF of Interior Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.

3. SITE:

- Exterior Site, Perimeter Fence, 30 LF long, Chain link fence, Galv. Ga. No. 9, Post - 2.5 inch diam x 6 feet height galv., 3-strands Barbed Wire (4-point). damaged by high wind and airborne debris dislodged and detached fence , 0% work completed.

Damage #219220; S153500200

General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID - S-1535-0 02-00
- **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 2002 and has approximate roof dimensions of 104FT W x 306FT L for an approximate total roof area of 31,284SF.
- **Year Built:** 2002
- **Location Description:** Mayaguez, PR
- **GPS Latitude/Longitude:** 18.22280, -67.16673
- **Number of Stories:** 1

General Damage Information:

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

Building Damage:

1. ROOF :

- Building Exterior, 3 each of Roof Mounted Exhaust Fans, 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 and wind driven rain, impacted by wind-blown debris (see pic D1219220 - Exhaust Fan Pic), 0% work completed.
- Building Exterior, Aluminum, Ga. 0.032, 8 in. Flashing (2 locations), 60 LF long, detached by high winds impacted by wind-blown debris (see pics D1219220 - Flashing Pic 1 & 2), 0% work completed.

2. WALLS:

- Building Exterior, 1,235 SF of Metal Siding, hurricane winds and flying debris, 0% work completed.
- Building Exterior, 14,868 SF of Exterior Paint, primer and 2 coats latex paint damaged by high winds and wind driven rain , 0% work completed.

3. SITE:

- Exterior Site, Perimeter Fence, 80 LF long x 6 FT high, Chain link fence, Galv. Ga. No. 9, Post - 2.5 inch diam x 6 feet height galv., 3-strands Barbed Wire (4-point) damaged by High winds, and impacted by wind-blown debris, 0% work completed.

Note:

This building was vacant at the time of the event according to information provided by the applicant.

Damage #219224; T 033405600

General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID - T-0334-56
- **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 1956 and has approximate roof dimensions of 93FT x 120FT+ 93FT x 3FT; (1)- [11FT x 30FT] (restroom unit roofs) for an approximate total roof area of 11,769SF.
- **Year Built:** 1956
- **Location Description:** Mayaguez, PR

- **GPS Latitude/Longitude:** 18.18008, -67.14706
- **Number of Stories:** 1

General Damage Information:

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

Building Damage:

1. SITE:

- **Exterior Site, Perimeter Fence, 80 LF long x 6 FT high, Chain link fence, Galv. Ga. No. 9, Post - 2.5 inch diam x 6 feet height galv., 3-strands Barbed Wire (4-point), damaged by High winds, and impacted by wind-blown debris (see pic IMG_1591), 0% work completed.**

Damage #219232; T050906100

General Facility Information:

- **Facility Type:** Building
- **Building Type:** Warehouse
- **Facility:** PRIDCO Building ID -T-0509-9-61-00 & 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 1961 and has approximate roof dimensions of 196FT x 95FT; [31FT x 11FT] (restroom unit roofs) for an approximate total roof area of 18,961SF.
- **Year Built:** 1961
- **Location Description:** PR-106 km 1.0 Mayaguez Arriba Ward, Mayaguez, PR
- **GPS Latitude/Longitude:** 18.20777, -67.12738
- **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 Fan, Aluminum roof fan extractor cap w/ gravity self-acting back draft damper face-flush install, 36in Fan Size, 1-HP Motor. high wind ripped off and dislodged three exhaust fan covers. , 0% work completed.**
- **Building Exterior, Aluminum Flasing, 685 LF long x 1.5 FT wide, 0.032ga., high wind ripped off and dislodged three exhaust fan covers., 0% work completed.**
- **Building Exterior, 18,961 SF of Waterproofing Membrane , 2-Ply Styrene butadienne Styrene (SBS) Modified Bituminous composite reinforced roofing system, damaged by high wind. , 0% work completed.**
- **Building Interior, 18,961 SF of Ceiling Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.**

2. WALL:

- **Building Exterior, 10,796 SF of Exterior Paintwork, primer and 2 coats latex paint, damaged by high winds and wind blown debris., 0% work completed.**
- **Building Interior, 9,104 SF of Interior Paint, primer and 2 coats latex paint, damaged by wind driven rain., 0% work completed.**

3. SITE:

- **Exterior Site, Perimeter Fence, 90 LF long, chain link fence, galv. ga. No. 9, Post - 2.5 inch diam x 6 feet height galv., 3-strands Barbed Wire (4-point). high wind and airborne debris dislodged and detached fence , 0% work completed.**

Final Scope

219206 S056506201

Work to be Completed:

The applicant will utilize contracts for repair to the PRIDCO Building S056506201 to restore this facility back to its pre-disaster design, function and capacity (in-kind) within the existing footprint.

Building Damage:

- A. Remove and Replace 18,422 SF of Waterproofing Membrane. See Scope Note No. 1.
- B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof.
- C. Replace 662 LF (993.0 SF) of Aluminum Flashing.
- D. Paint 18,422 SF of Building Ceiling.
- E. Paint 11647 SF of Building Exterior Wall.
- F. Paint 18,422 SF of Building Interior Walls. See Scope Note No. 2.

Cost estimating format total: \$ XXXXXXXXXX

Scope Notes:

1. Applicant provided a Lead and Asbestos Checklist (428 Projects) for this DI indicating where remediation is required for Asbestos (Item A above); no Lead identified for this DI. Refer to attachment "*V2 PRIDCO -102883-DI219206-DR4339PR-Lead and Asbestos Checklist BLDG S0565.pdf*". Asbestos and Lead Permits and Remediation Costs were calculated using the Master L&A Template. Refer to Tab labeled "*L&A DI 219206*" in workbook described in Project Note No.1.
2. Area of damaged surface was confirmed by the Applicant. Please refer to Item No. 2 of DI#219206 in attachment labeled "*ST102883-DR4339PR-Email- Response to Request for Clarifications and Information.pdf*".
3. Applicant did not provide a Sectors Small DI Cost Checklist for this DI.
4. Location Description: PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR 00682

Project Notes:

1. All site estimates for work to be completed were generated using RS Means. See attachment labeled "*ST102883-DR4339PR-Cost Estimate.xlsm*".
2. Cost Estimating Formats (CEF's) has been created for this project, see attachments labeled "*DI219206-DR4339PR-CEF.xlsx*", "*DI219208-DR4339PR-CEF.xlsx*" and "*DI219232-DR4339PF CEF.xlsx*".
3. GPS coordinates have been checked for accuracy.
4. Zip codes used in Location Descriptions for each DI are included in Item No. 1 of the General Comments Section in attachment labeled "*ST102883-DR4339PR-Email- Response to Request for Clarifications and Information.pdf*".

5. Applicant will comply with local, commonwealth, federal procurement laws, regulations and procedures.

6. 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.

406 HMP Scope

1. DI# 219206; S056506201

- **Eligible damages to be mitigated:**

A. Remove and Replace 18,422 SF of Waterproofing Membrane. See Scope Note No. 1.

B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof.

E. Paint 11647 SF of Building Exterior Wall.

- **Hazard Mitigation Scope of Work:**

A. Remove and Replace 18,422 SF of Waterproofing Membrane. See Scope Note No. 1.

Supplementary Mitigation:

Add 18,422 SF of additional Membrane to Built up Roof: SBS modified bituminous membrane, heavyweight base sheet, 120 to 149 mil.

B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof.

Supplementary Mitigation:

Add anchoring system Rooftop Equipment - 3' x 3' x 3' for three (3) Exhaust Fans. unit that will resist expected wind pressure during a similar event to prevent them from being overturned and damaged.

E. Paint 11647 SF of Building Exterior Wall.

Supplementary Mitigation:

Add 11,647 SF of Waterproof Coating for Exterior Walls to reduce moisture through masonry walls, preventing similar damages to the exterior paint of water damages.

- **Cost:**

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

- Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED] with CEF.

- **Cost Effectiveness:**

- 14.8% cost effective, is within 15 % of the eligible repair cost.

-

Notes

1. See Mitigation Profile Documents Tab for complete version of the HMP and supporting documents.

2. 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.

219208 **S060206300**

Work To Be Completed

The applicant utilized contracts for repairs to PRIDCO Building S060206300 to restore facilities back to

pre-disaster design, function and capacity (in-kind) within the existing footprint.

Building Damage:

- A. Remove and Replace 26,488 SF of Waterproofing Membrane. See Scope Note No. 1.
- B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof. See Scope Note No. 2.
- C. Replace 858 LF (1,287.0 SF) of Aluminum Flashing.
- D. Paint 26,488 SF of Building Ceiling.
- E. Remove and Replace 2 each Aluminum Jalousie Windows. See Scope Note No. 1.
- F. Paint 16,688 SF of Building Exterior Wall.
- G. Paint 14,750 SF of Building Interior Walls.
- H. Remove and Replace 30 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Cost estimating format total: \$ XXXXXXXXXX

Scope Notes:

- 1. Applicant provided a Lead and Asbestos Checklist (428 Projects) for this DI indicating where remediation is required for Asbestos (Item A above) and for Lead (Item E above). Refer to attachment "*PRIDCO 102883-DI219208-DR4339PR-Lead and Asbestos Checklist BLDG S0602.pdf*". Asbestos and Lead Permits and Remediation Costs were calculated using the Master L&A Template. Refer to Tab labeled "*L&A DI 219208*" in workbook described in Project Note No.1.
- 2. Applicant clarified that 3 fans assembly require removal and replacement, not only their covers. Please refer to Item No. 2 of DI#219208 in attachment labeled "*ST102883-DR4339PR-Email-Response to Request for Clarifications and Information.pdf*".
- 3. Applicant provides a Sectors Small DI Cost Checklist for this DI, refer to attachment labeled "*102883-DI219208-DR4339PR-SMALL DI CHECKLIST.pdf*".
- 4. Location Description: PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR 00682

406 HMP Scope

1. DI# 219208; S060206300

Eligible damages to be mitigated:

- A. Remove and Replace 26,488 SF of Waterproofing Membrane. See Scope Note No. 1.
- B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof. See Scope Note No. 2.
- F. Paint 16,688 SF of Building Exterior Wall.
- H. Remove and Replace 30 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

• Hazard Mitigation Scope of Work:

Damages to be mitigated as follow as per PA Scope of Work:

- A. Remove and Replace 26,488 SF of Waterproofing Membrane. See Scope Note No. 1.

Supplementary Mitigation:

Add 26,488 SF of additional Membrane to Built up Roof: SBS modified bituminous membrane, heavyweight

base sheet, 120 to 149 mil.

B. Remove and Replace 3 each Aluminum Exhaust Fan at Roof. See Scope Note No. 2.

Supplementary Mitigation:

Add anchoring system: Rooftop Equipment - 3' x 3' x 3' for three (3) Exhaust Fans. unit that will resist expected wind pressure during a similar event to prevent them from being overturned and damaged.

F. Paint 16,688 SF of Building Exterior Wall.

Supplementary Mitigation:

Add 16, SF of Waterproof Coating for Exterior Walls to reduce moisture through masonry walls, preventing similar damages to the exterior paint of water damages.

H. Remove and Replace 30 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Replacement Mitigation:

Install 30 LF of Break-Away Fencing (7.5-ft prefabricated Fence Panels, 8-ft on center post to post setting).

Original Fence : 30 LF, 10-ft on center, 6 ft height to 2 Ft deep, posts from 2-inch diameter. Total posts: 4

New Fence : 30 LF, 8-ft on center, 6 ft height to 3 Ft deep, posts from 3-inch diameter. Total posts: 5

• **Cost**

- Total Cost for Pre-disaster (PA) Repair/Replacement SOW for Eligible Damages to be Mitigated = \$ [REDACTED] with CEE.
- Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED] with CEE.

• **Cost Effectiveness**

- 15.2 % cost effective, is within 100 % of the eligible repair cost.

Notes:

1. See Mitigation Profile Documents Tab for complete version of the HMP and supporting documents.
2. 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.

219220 **S153500200**

Work To Be Completed

The applicant utilized contracts for repairs to PRIDCO Building S153500200 to restore facilities back to pre-disaster design, function and capacity (in-kind) within the existing footprint.

Building Damage:

- A. Remove and Replace 3 each Aluminum Roof Mounted Exhaust Fans. See Scope Note No. 1.
- B. Replace 60 LF (40.0 SF) of Aluminum Flashing.
- C. Remove and Replace 1,235 SF of Building Exterior Metal Siding.

D. Paint 14,868 SF of Building Exterior Wall.

E. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Work to be Completed Total: \$ XXXXXXXXXX

Scope Notes:

1. Applicant clarified that 3 fans assembly require removal and replacement, not only their covers. Please refer to Item No. 3 of DI#219220 in attachment labeled "ST102883-DR4339PR-Email-Response to Request for Clarifications and Information.pdf".

2. Applicant provided a Lead and Asbestos Checklist (428 Projects) for this DI indicating no remediation is required for Asbestos neither for Lead. Refer to attachment "*PRIDCO 102883-DI219220-DR4339PR-Lead and Asbestos Checklist BLDG S1535.pdf*".

3. Applicant provides a Sectors Small DI Cost Checklist for this DI, refer to attachment labeled "102883-DI219220-DR4339PR-Small DI Cost Checklist.pdf".

4. Location Description: Carr PR-64 Solar #2, Parque Industrial Waterfront, Bo. Algarrobos, Mayagüez, PR 00681

406 HMP Scope

1. DI# 219220; S153500200

• Eligible damages to be mitigated:

A. Remove and Replace 3 each Aluminum Roof Mounted Exhaust Fans. See Scope Note No. 1.

C. Remove and Replace 1,235 SF of Building Exterior Metal Siding.

D. Paint 14,868 SF of Building Exterior Wall.

E. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

• Hazard Mitigation Scope of Work:

Damages to be mitigated as follow as per PA Scope of Work:

A. Remove and Replace 3 each Aluminum Roof Mounted Exhaust Fans. See Scope Note No. 1.

Supplementary Mitigation:

Add anchoring system Rooftop Equipment - 3' x 3' x 3' for three (3) Exhaust Fans. unit that will resist expected wind pressure during a similar event to prevent them from being overturned and damaged.

D. Paint 14,868 SF of Building Exterior Wall

Supplementary Mitigation:

Add 14,868 SF of Waterproof Coating for Exterior Walls to reduce moisture through masonry walls, preventing similar damages to the exterior paint of water damages.

E. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Replacement Mitigation:

Install 80 LF of Break-Away Fencing (7.5-ft prefabricated Fence Panels, 8-ft on center post to post setting).

Original Fence : 80 LF, 10-ft on center, 6 ft height to 2 Ft deep, posts from 2-inch diameter. Total posts: 9

New Fence : 80 LF, 8-ft on center, 6 ft height to 3 Ft deep, posts from 3-inch diameter. Total posts: 11

Cost:

- 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]

- **Cost Effectiveness:**

- 66.2 % cost effective, is within 100 % of the eligible repair cost.

Notes:

1. See Mitigation Profile Documents Tab for complete version of the HMP and supporting documents.
2. 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.

219224 T033405600

Work To Be Completed

The applicant utilized contracts for repairs to PRIDCO Building T033405600 to restore facilities back to pre-disaster design, function and capacity (in-kind) within the existing footprint.

Building Damage:

A. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Work to be Completed Total: \$ [REDACTED]

Scope Notes:

1. Applicant provided a Lead and Asbestos Checklist (428 Projects) for this DI indicating no remediation is required for Asbestos neither for Lead. Refer to attachment "*PRIDCO 102883-DI219224-DR4339PR-Lead and Asbestos Checklist BLDG T0334.pdf*".
2. Applicant provided a Sectors Small DI Cost Checklist for this DI, refer to attachment labeled "*102883-DI219224-DR4339PR-Small DI Cost Checklist.pdf*".
3. Location Description: Calle Ramón Emeterio Betances, Bo. Sábalos, Mayagüez, PR 00680

406 HMP Scope

1. DI# 219224; T033405600

- Eligible damages to be mitigated:

A. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Hazard Mitigation Scope of Work:

Damages to be mitigated as follow as per PA Scope of Work:

A. Remove and Replace 80 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Replacement Mitigation:

Install 80 LF of Break-Away Fencing (7.5-ft prefabricated Fence Panels, 8-ft on center post to post setting).

Original Fence : 80 LF, 10-ft on center, 6 ft height to 2 Ft deep, posts from 2-inch diameter. Total posts: 9

New Fence : 80 LF, 8-ft on center, 6 ft height to 3 Ft deep, posts from 3-inch diameter. Total posts: 11

Cost:

- 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]

- **Cost Effectiveness:**
- 53.8% cost effective, is within 100 % of the eligible repair cost.

Notes:

1. See Mitigation Profile Documents Tab for complete version of the HMP and supporting documents.

1. 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

219232 T050906100

Work to be Completed:

The applicant will utilize contracts for repair to the PRIDCO Building T050906100 to restore this facility back to its pre-disaster design, function and capacity (in-kind) within the existing footprint.

Building Damage:

- A. Remove and Replace one Aluminum Fan Extractor Cover at Roof. See Scope Note No. 1.
- B. Replace 685 LF (1,027.50 SF) of Aluminum Flashing.
- C. Remove and Replace 18,961 SF of Waterproofing Membrane. See Scope Note No. 2.
- D. Paint 18,961 SF of Building Ceiling.
- E. Paint 10,796 SF of Building Exterior Wall.

F. Paint 9,104 SF of Building Interior Walls.

G. Remove and Replace 90 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Cost estimating format total: \$ XXXXXXXXXX

Scope Notes:

1. Applicant clarified that only one fan assembly requires removal and replacement, not only it cover. Please refer to Item No. 2 of DI#219232 in attachment labeled "ST102883-DR4339PR-Email-Response to Request for Clarifications and Information.pdf".
2. Applicant provided a Lead and Asbestos Checklist (428 Projects) for this DI indicating where remediation is required for Asbestos (Item C above); no Lead identified for this DI. Refer to attachment "*V2 PRIDCO -102883-DI219232-DR4339PR-Lead and Asbestos Checklist BLDG T0509.pdf*". Asbestos and Lead Permits and Remediation Costs were calculated using the Master L&A Template. Refer to Tab labeled "*L&A DI 219232*" in workbook described in Project Note No.1.
3. Applicant provides a Sectors Small DI Cost Checklist for this DI, refer to attachment labeled "102883-DI219232-DR4339PR-SMALL DI CHECKLIST.pdf".
4. Location Description: PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR 00682

406 HMP Scope

1. DI# 219232; T050906100

• Eligible damages to be mitigated:

- A. Remove and Replace one Aluminum Fan Extractor Cover at Roof. See Scope Note No. 1.
- C. Remove and Replace 18,961 SF of Waterproofing Membrane. See Scope Note No. 2.
- E. Paint 10,796 SF of Building Exterior Wall.
- G. Remove and Replace 90 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Hazard Mitigation Scope of Work:

Damages to be mitigated as follow as per PA Scope of Work:

- A. Remove and Replace one Aluminum Fan Extractor Cover at Roof. See Scope Note No. 1.

Supplementary Mitigation:

Add anchoring system Rooftop Equipment - 3' x 3' x 3' for one (1) Exhaust Fans. unit that will resist expected wind pressure during a similar event to prevent them from being overturned and damaged.

- C. Remove and Replace 18,961 SF of Waterproofing Membrane. See Scope Note No. 2.

Supplementary Mitigation:

Add 18,961 SF of additional Membrane to Built up Roof: SBS modified bituminous membrane, heavyweight base sheet, 120 to 149 mil.

- E. Paint 10,796 SF of Building Exterior Wall.

Supplementary Mitigation:

Add 10,796 SF of Waterproof Coating for Exterior Walls to reduce moisture through masonry walls, preventing similar damages to the exterior paint of water damages.

G. Remove and Replace 90 LF of Perimeter Chain Link Fence with 3-Strands Barbed Wires.

Replacement Mitigation:

Install 90 LF of Break-Away Fencing (7.5-ft prefabricated Fence Panels, 8-ft on center post to post setting).

Original Fence : 90 LF, 10-ft on center, 10 ft height to 2 Ft deep, posts from 2-inch diameter. Total posts: 10

New Fence : 90 LF, 8-ft on center, 10 ft height to 3 Ft deep, posts from 3-inch diameter. Total posts: 12

Cost:

- Total Cost for Pre-disaster (PA) Repair/Replacement SOW for Eligible Damages to be Mitigated = \$ [REDACTED] with CEF.
- Total Cost of Hazard Mitigation Proposal Scope of Work = \$ [REDACTED] with CEF.

Cost Effectiveness:

- 14.9 % cost effective, is within 15 % of the eligible repair cost.

-

Notes:

1. See Mitigation Profile Documents Tab for complete version of the HMP and supporting documents.
2. 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
9201 (PAAP Fixed Estimate (No Value - Tracking Purposes Only))	1.00	Lump Sum	\$	Completed
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$	Uncompleted
9201 (PAAP Fixed Estimate (No Value - Tracking Purposes Only))	1.00	Lump Sum	\$	Completed
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$	Uncompleted
9201 (PAAP Fixed Estimate (No Value - Tracking Purposes Only))	1.00	Lump Sum	\$	Completed
9001 (Contract)	1.00	Lump Sum	\$	Uncompleted
9201 (PAAP Fixed Estimate (No Value - Tracking Purposes Only))	1.00	Lump Sum	\$	Completed
9001 (Contract)	1.00	Lump Sum	\$	Uncompleted
9201 (PAAP Fixed Estimate (No Value - Tracking Purposes Only))	1.00	Lump Sum	\$	Completed
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$	Uncompleted

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

Award Information

Version Information

Version #	Eligibility Status	Current Location	Bundle Number	Project Amount	Cost Share	Federal Share Obligated	Date Obligated
0	Eligible	Awarded	PA-02-PR-4339-PW-08329(8752)	\$ [REDACTED]	90 %	\$ [REDACTED]	5/18/2021
1	Eligible	Notified		\$ [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.
- 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. [REDACTED] 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

1/26/2021

GENERAL INFORMATION

Event: 4339DR-PR

Project: SP-102883

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



Coverage: *Fixtures, Fences, awnings, antennas, gates paved surfaced, retaining walls foundations; see; additional Coverage Sub-limits- Unnamed Loc.pdf.*

Does the Applicant's Commercial Policy extend coverage for the damage described in this project: YES

Final Insurance Settlement Status: Insurance proceeds for this project are anticipated

The amount of Anticipated Insurance Proceeds for Project: \$0.00

The amount of Anticipated Insurance Reduction applied for Project: \$0.00

NUMBER OF DAMAGED INVENTORIES INCLUDED IN THIS PROJECT: (5)

Damaged Inventory (DI) #219206:

S056506201

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

Location Description PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR

GPS Coordinates: 18.20734, -67.12810

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed facility

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 (S056506201) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] | HMP cost \$ [REDACTED]) See: SP-102883-DR4339PR-Cost Estimate-Insurance.

Damaged Inventory (DI) #219208:

S060206300

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

Location Description PR-106 km 1.0 Mayaguez Arriba Ward; Mayaguez, PR

GPS Coordinates: 18.20705, -67.12818

Cause of Loss: Wind / Wind Driven Rain

SOV / Schedule #: Unnamed facility

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 (S060206300) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] | HMP cost \$ [REDACTED]) See; SP-102883-DR4339PR-Cost Estimate-Insurance..

Damaged Inventory (DI) #219220

S153500200

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

Location Description Mayaguez, PR

GPS Coordinates: 18.22280, -67.16673

Cause of Loss: Wind / Wind Driven Rain

SOV/ Schedule #: Waterfront Industrial

SOV/ Schedule Amount: \$ [REDACTED] No scheduled amount

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, the same is a named facility in the scheduled location, however it appears that there is no insurance coverage for the same. See: Informe Propiedades Aseguradas Marzo 2017-Febrero 2018(Pridco)- Scheduled Locations.pdf.

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 (S153500200) in the amount \$ [REDACTED] (Insurable repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] | HMP cost \$ [REDACTED]) See; SP-102883-DR4339PR-Cost Estimate-Insurance.

Damaged Inventory (DI) #219224

T033405600

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

Location Description Mayaguez, PR

GPS Coordinates: 18.18008, -67.14706

Cause of Loss: Wind / Wind Driven Rain

SOV/ Schedule #: Unnamed facility

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:

No Obtain & Maintain Requirement is being mandated for (T033405600) because facility does not meet the definition of building, equipment, contents, or vehicle.

Damaged Inventory (DI) #219232

T050906100

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

Location Description PR-106 km 1.0 Mayaguez Arriba Ward, Mayaguez, PR

GPS Coordinates: 18.20777, -67.12738

Cause of Loss: Wind / Wind Driven Rain

SOV/ Schedule #: Unnamed facility

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 (T050906100) in the amount \$ [REDACTED] (Insurable repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] | HMP cost \$ [REDACTED]) See: SP-102883-DR4339PR-Cost Estimate-Insurance.

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.

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

An applicant should notify TEMA 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 TEMA. This includes changes related to self-insurance. If an applicant fails to do this, TEMA may de-obligate assistance and not provide assistance in a future disaster.



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 (S056506201) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-102883-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 (S060206300) in the amount of \$ [REDACTED] (Repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-102883-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 (S153500200) in the amount \$ [REDACTED] (Insurable repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-102883-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 (T050906100) in the amount \$ [REDACTED] (Insurable repair cost \$ [REDACTED] - Uninsurable items \$ [REDACTED] + HMP cost \$ [REDACTED]) See; SP-102883-DR4339PR-Cost Estimate-Insurance.	\$ [REDACTED]

406 Mitigation

There is no additional mitigation information on L-231 - Mayaguez Arriba - Mayaguez.

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.
- Executive Order 11988 – Floodplains Condition: Applicant must comply with the appropriate local floodplain management ordinance or if more restrictive per EO 11988 Sec. 2(a)(1) best available data as defined by the Puerto Rico Advisory Base Flood Elevation (ABFE, 2018) Map. Applicant must coordinate with the local floodplain administrator, obtain any required permits prior to initiating work, and comply with any conditions of the permit, as well as the National Flood Insurance Program (NFIP) requirements to ensure harm to and from the floodplain is minimized. All coordination pertaining to these activities should be retained as part of the project file in accordance with the respective grant program instructions.
- 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.
- Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA): 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 PR DNER 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. Non-compliance with these requirements may jeopardize receipt of federal funds.

EHP Additional Info

There is no additional environmental historical preservation on L-231 - Mayaguez Arriba - Mayaguez.

Final Reviews

Final Review

Reviewed By COLON, JAVIER

Reviewed On 02/10/2021 8:08 AM AST

Review Comments

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

Recipient Review

Reviewed By Rodriguez Echegaray, Carlos I.

Reviewed On 03/10/2021 6:04 PM AST

Review Comments

Recipient review limited to; spot-checking the DDD, SOW, HMP, costs & factors, codes/standards; review for post-award or closeout challenges; review of concerns communicated by the Subrecipient. The Subrecipient is responsible to fully review the project to ensure all aspects of project formulation are accurate & properly captured, including but not limited to: DDD; SOW necessary for repair/replacement of the disaster-caused damages; proper application of codes & standards including the consensus-based codes & standards, if applicable; 406 mitigation & BCA; cost estimate, or actual costs for work completed, necessary to complete the eligible scope of work, including all necessary costs such as design services when appropriate; 50% repair vs. replacement calculation including necessary back up documentation; insurance reductions based on actual or anticipated ins. proceeds; ins. obtain & maintain req.; EHP reviews & conditions.

Fixed Cost Offer

As a Public Assistance (PA) Subrecipient PR Industrial Development Company (000-UEQ77-00), in accordance with Section 428 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, the Applicant agrees to accept a permanent work subaward based on a Fixed Cost Offer in the amount of \$ [REDACTED] for subaward number 6329 under Disaster # 4339. The Applicant accepts responsibility for all costs above the Fixed Cost Offer.

The Applicant understands that by participating in this pilot program they will be reimbursed for allowable costs in accordance with 2 CFR Part 200, and the reimbursement will not exceed the Fixed Cost Offer. The Applicant also understands that by agreeing to this Fixed Cost Offer, they will not receive additional funding related to the facilities or sites included in the subaward. The Applicant also acknowledges that failure to comply with the requirements of applicable laws and regulations governing assistance provided by FEMA and the PA Alternative Procedures Pilot Program Guidance (such as procurement and contracting; environmental and historic preservation compliance; and audit and financial accountability) may lead to loss of federal funding.

Project Signatures

Signed By Muriente, Jamille

Signed On 05/05/2021