

PA-04-FL-4468-PW-00163(0) P	
Applicant Name:	Application Title:
PALM BEACH (COUNTY)	126775 - south Jupiter Dune Restoration
Period of Performance Start:	Period of Performance End:
10-21-2019	04-21-2021

Subgrant Application - Entire Application

Application Title: [126775 - south Jupiter Dune Restoration](#)

Application Number: [PA-04-FL-4468-PW-00163\(0\)](#)

Application Type: [Subgrant Application \(PW\)](#)

Preparer Information

Prefix
First Name WANDE
Middle Initial
Last Name SHAW
Title PMDG
Agency/Organization Name FDEM
Address 1 2555 Shumard Oak Blvd.
Address 2
City Tallahassee
State FL
Zip 32399 - 2100
Phone 850-815-4410
Email Melissa.Shirah@em.myflorida.com

Is the application preparer the Point of Contact? No

Point of Contact Information

Prefix
First Name Sally
Middle Initial
Last Name Waite
Title Primary
Agency/Organization Palm Beach County
Address 1 301 North Olive Avenue
Address 2
City West Palm Beach
State FL
ZIP 33401
Phone 561-712-6484
Fax

Email

swaite@pbcgov.org

Alternate Point of Contact Information

Prefix

First Name

Amy

Middle Initial

Last Name

Heimberger-Lopez

Title

EM Specialist II

Agency/Organization

Address 1

Address 2

City

State

ZIP

Phone

561-712-6378

Fax

Email

Aheimber@pbcgov.org

Project Description

Disaster Number:

4468

Pre-Application Number:

PA-04-FL-4468-RPA-0047

Applicant ID:

099-99099-00

Applicant Name:

PALM BEACH (COUNTY)

Subdivision:

Project Number:

126775

Standard Project Number/Title:

799 - Recreational or Other

Please Indicate the Project Type:

Neither Alternate nor Improved

Application Title:

126775 - south Jupiter Dune Restoration

Category:

G.RECREATIONAL OR OTHER

Percentage Work Completed?

0.0 %

As of Date:

07-27-2020

Comments

PDMG assigned - WANDE SHAW

Attachments

Damage Facilities (Part 1 of 2)

Facility (Site) Number	Facility (Site) Name	Address	County	City	State	ZIP	Previously Damaged?	Action
1	Damage #359909; South Jupiter Dune		Palm Beach		FL		No	

Comments

Please refer to the Scope for additional GIS locations

Attachments

Facility (Site) Name:	Damage #359909; South Jupiter Dune
Address 1:	
Address 2:	
County:	Palm Beach
City:	
State:	FL
ZIP:	
Damage Category:	G
Was this facility (site) previously damaged?	No
Percentage Work Completed?	0.00 %
Location:	PA-04-FL-4468-PW-00163(0): Atlantic coast of Palm Beach County, Florida 26.92140, -80.06747 26.92140, -80.06649
Damage Description and Dimensions:	PA-04-FL-4468-PW-00163(0): The Disaster #4468DR, which occurred between 8/28/2019 and 9/9/2019, caused: Damage #359909; South Jupiter Dune See attached Subject Matter Expert (SME) report for additional information including DDD, SOW, Cost Estimate and Environmental Compliance. General Facility Information: Facility Type: Beaches Facility: South Jupiter Dune Restoration Project Facility Description: Engineered dunes 1,337 LF (approximately 0.25 miles) long Year Built: 2016 Location Description: Atlantic coast of Palm Beach County, Florida Start GPS Latitude/Longitude: 26.92140, -80.06747 End GPS Latitude/Longitude: 26.92140, -80.06649 Design Elevation: Varies Design Slope: Varies Pre- and Post-Storm Profiles Available?: Yes General Damage Information: Date Damaged: 8/28/2019 to 9/9/2019 Cause of Damage: Hurricane Dorian generated storm surge and wave action that caused dune erosion Facility Damage: Dunes, 9,454 CY of Engineered dunes 1,337 LF long, Incident-Related Sand Loss, Hurricane Dorian generated storm surge and wave action that caused dune erosion, 0% work completed.
Scope of Work:	PA-04-FL-4468-PW-00163(0): 359909 South Jupiter Dune Work to be Completed:

The applicant will utilize contract services to perform dune restoration to South Jupiter Dunes in Palm Beach County Florida (26.92140, -80.06649 to 26.92493, -80.06747):

A. Furnish and install 9,454 CY of engineered dune sand, along 1,337 LF of shoreline. Restoration of the dunes will take place for the project between FDEP monument marker R-20-230' to R-21 with an average elevation of the 30-foot dune toe setback of +2.8 ft NAVD88 and a maximum crest elevation of +12.5 ft, NAVD.

Work to be Completed Total (CEF): \$510,285

Project Notes:

1. The Applicant engaged their Engineer of Record (EOR) to assess the damages to the South Jupiter Dunes as result of Hurricane Dorian.
2. The Dune Project assessment report, which was prepared and sealed by a Professional Engineer (PE), compared the pre-storm and post-storm survey profiles to compute the quantity of eligible sand loss due to the incident. The EOR states that background erosion is unfeasible to calculate for dune only projects due to the face that coastal dunes have are generally stable and remain in place unless directly impacted by a wave/tide event. Therefore, background erosion was not considered to calculate storm related erosion. Refer to document 2. Post-Dorian Memo_1April2020_sealed.pdf
3. The PE's damage assessment also includes a statement of probable cost.
4. The FEMA CEF cost estimate was prepared based on the PE's quantity of incident eligible sand loss computed in the beach assessment report and the PE's estimated probable costs. Refer to document 126775-DR4468FL FEMA CEF Cost Estimate.xlsx.
5. The beach is not a federally constructed shoreline under the specific authority of the USACE.
6. The beach was constructed by the placement of imported sand, of proper grain size, to a designed elevation, width, and slope.
7. The Applicant has legal responsibility and has established, and plans to adhere to, a maintenance program involving periodic restoration with imported sand to preserve the original design. These restorations have been contracted through work orders and performed on an as needed basis.
8. The applicant has provided environmental permits for this renourishment project (FDEP permit No. 0303863-006-JM). Refer to Attachment B of 2. Post-Dorian Memo_1April2020_sealed.pdf
9. The procurement documents have been provided.
10. The insurance policy has been provided.
11. The probable upland source of sand for this project is Witherspoon (Vulcan) Sand mine in Moore Haven, Florida (26.8095, -81.2791). Witherspoon Mine is a qualified and properly licensed supplier permitted by the FDEP.
12. The repair is scheduled to start November 2020 and be completed before April 2021 (outside the turtle nesting season).
13. For work completed, the applicant is required to obtain any necessary Federal, State, and Local environmental permits prior to the start of construction.

14. Refer to Subject Matter Expert (SME) document 4468 – Palm Beach County South Jupiter Project – Bob Glassen SME Report.pdf for more information.

15. Document FIRMETTE_4468FL GM#126755 DI#359909.pdf has been uploaded and is the appropriate FIRMette to be used for this project.

16. The GPS coordinates listed in the DDD were entered incorrectly. The coordinates given above in the SOW are correct and should be used moving forward. (26.92140,-80.06649 to 26.92493, -80.06747)

Hazard Mitigation Proposal

* Is effective mitigation feasible on this facility (site)?	No
If you answered Yes to the above question, the next question is required	
Will mitigation be performed on this facility (site)?	
If you answered Yes to the above question, the next question is required	
Do you wish to attach a Hazard Mitigation Proposal?	
If you answered Yes to the above question, the next two questions are required	
Please provide the Scope of Work for the estimate: (maximum 4000 characters)	
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?	

GIS Coordinates

Project Location	Latitude	Longitude
Atlantic coast of Palm Beach County, Florida - Start	26.9214	-80.06747
Atlantic coast of Palm Beach County, Florida - End	26.9214	-80.06649

Special Considerations

- | | |
|---|-----|
| 1. Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc)? | No |
| 2. Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland? | Yes |
| 3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area? | No |
| 4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use of function)? | No |
| 5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? | No |
| 6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? | No |
| 7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? | No |
| 8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? | Yes |
| 9. Are there any other environmental or controversial issues associated with the damaged facility and/or item of work? | No |

Attachments

User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
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JUNE SERRALTA LUGO	07-27- 2020	Environmental/Historic Document	PA-04-FL-4468- PW-00163_REC		PA-04-FL-4468-PW- 00163_REC.pdf(14.87 kb)	View
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For Category C, D, E, F, and G Projects only

Is effective mitigation feasible on this project? No

If you answered **Yes** to the above question, the next question is required

Will mitigation be performed on any sites in this project? No

If you answered **Yes** to the above question, the next question is required

Do you wish to attach a Hazard Mitigation Proposal? No

If you answered **Yes** to the above question, the next two questions are requiredPlease provide the Scope of Work
for the estimate:Would you like to add the Hazard Mitigation
Proposal as a cost line item to the project cost? No

Comments
Attachments

Cost Estimate

Is this Project Worksheet for	Cost Estimate Format
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(Preferred) Repair									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
*** Version 0 ***									
Other									
1	9000	CEF Cost Estimate (See Attached Spreadsheet)	1	LS	\$ 510,285.00	CONSTRUCTION	Other	\$ 510,285.00	
Total Cost :								\$ 510,285.00	

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
Total Cost :								\$ 0.00	

Total Cost Estimate: (Preferred Estimate Type + Insurance Adjustments)								\$ 510,285.00
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Comments
Attachments

Existing Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required	Facility (Site) No.
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Comments

Attachments

Comments and Attachments

Name of Section	Comment	Attachment
Project Description	PDMG assigned - WANDE SHAW	
Damage Facilities	Please refer to the Scope for additional GIS locations	
Special Considerations		PA-04-FL-4468-PW-00163_REC.pdf (07-27-2020)
Form 90-91		PRJ_Report_126775_20200727.pdf (07-27-2020)

Bundle Reference # (Amendment #)	Date Awarded
PA-04-FL-4468-PW-00163(150)	07-31-2020

Subgrant Application - FEMA Form 90-91**Note:** The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET									
DISASTER					PROJECT NO.	PA ID NO.	DATE	CATEGORY	
FEMA	4468	-	DR	-FL	126775	099-99099-00	07-27-2020	G	
APPLICANT: PALM BEACH (COUNTY)							WORK COMPLETE AS OF: 07-27-2020 : 0 %		
Site 1 of 1									
DAMAGED FACILITY:							COUNTY: Palm Beach		
Damage #359909; South Jupiter Dune									
LOCATION:							LATITUDE:	LONGITUDE:	
PA-04-FL-4468-PW-00163(0): Atlantic coast of Palm Beach County, Florida							26.9214	-80.06747	
26.92140, -80.06747							26.9214	-80.06649	
26.92140, -80.06649									
Current Version:									
DAMAGE DESCRIPTION AND DIMENSIONS:									
PA-04-FL-4468-PW-00163(0): The Disaster #4468DR, which occurred between 8/28/2019 and 9/9/2019, caused:									
Damage #359909; South Jupiter Dune									
See attached Subject Matter Expert (SME) report for additional information including DDD, SOW, Cost Estimate and Environmental Compliance.									
General Facility Information:									
Facility Type: Beaches									
Facility: South Jupiter Dune Restoration Project									
Facility Description: Engineered dunes 1,337 LF (approximately 0.25 miles) long									
Year Built: 2016									

Location Description: Atlantic coast of Palm Beach County, Florida
 Start GPS Latitude/Longitude: 26.92140, -80.06747
 End GPS Latitude/Longitude: 26.92140, -80.06649
 Design Elevation: Varies
 Design Slope: Varies
 Pre- and Post-Storm Profiles Available?: Yes

General Damage Information:

Date Damaged: 8/28/2019 to 9/9/2019

Cause of Damage: Hurricane Dorian generated storm surge and wave action that caused dune erosion

Facility Damage:

Dunes, 9,454 CY of Engineered dunes 1,337 LF long, Incident-Related Sand Loss, Hurricane Dorian generated storm surge and wave action that caused dune erosion, 0% work completed.

Current Version:

SCOPE OF WORK:

PA-04-FL-4468-PW-00163(0):
 359909 South Jupiter Dune

Work to be Completed:

The applicant will utilize contract services to perform dune restoration to South Jupiter Dunes in Palm Beach County Florida (26.92140, -80.06649 to 26.92493, -80.06747):

A. Furnish and install 9,454 CY of engineered dune sand, along 1,337 LF of shoreline. Restoration of the dunes will take place for the project between FDEP monument marker R-20-230' to R-21 with an average elevation of the 30-foot dune toe setback of +2.8 ft NAVD88 and a maximum crest elevation of +12.5 ft, NAVD.

Work to be Completed Total (CEF): \$510,285

Project Notes:

1. The Applicant engaged their Engineer of Record (EOR) to assess the damages to the South Jupiter Dunes as result of Hurricane Dorian.
2. The Dune Project assessment report, which was prepared and sealed by a Professional Engineer (PE), compared the pre-storm and post-storm survey profiles to compute the quantity of eligible sand loss due to the incident. The EOR states that background erosion is unfeasible to calculate for dune only projects due to the face that coastal dunes have are generally stable and remain in place unless directly impacted by a wave/tide event. Therefore, background erosion was not considered to calculate storm related erosion. Refer to document 2. Post-Dorian Memo_1April2020_sealed.pdf
3. The PE's damage assessment also includes a statement of probable cost.
4. The FEMA CEF cost estimate was prepared based on the PE's quantity of incident eligible sand loss computed in the beach assessment report and the PE's estimated probable costs. Refer to document 126775-DR4468FL FEMA CEF Cost Estimate.xlsx.
5. The beach is not a federally constructed shoreline under the specific authority of the USACE.
6. The beach was constructed by the placement of imported sand, of proper grain size, to a designed elevation, width, and slope.
7. The Applicant has legal responsibility and has established, and plans to adhere to, a maintenance program involving periodic restoration with imported sand to preserve the original design. These restorations have been contracted through work orders and performed on an as needed basis.
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12. The repair is scheduled to start November 2020 and be completed before April 2021 (outside the turtle nesting season).
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14. Refer to Subject Matter Expert (SME) document 4468 – Palm Beach County South Jupiter Project – Bob Glassen SME Report.pdf for more information.
15. Document FIRMETTE_4468FL GM#126755 DI#359909.pdf has been uploaded and is the appropriate FIRMette to be used for this project.
16. The GPS coordinates listed in the DDD were entered incorrectly. The coordinates given above in the SOW are correct and should be used moving forward. (26.92140, -80.06649 to 26.92493, -80.06747)

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? ☐ Yes ☒ No		Special Considerations included? ☒ Yes ☐ No			
Hazard Mitigation proposal included? ☐ Yes ☒ No		Is there insurance coverage on this facility? ☐ Yes ☒ No			
PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Other			
1	9000	CEF Cost Estimate (See Attached Spreadsheet)	1/LS	\$ 510,285.00	\$ 510,285.00
				TOTAL COST	\$ 510,285.00
PREPARED BY WANDE SHAW		TITLE PMDG	SIGNATURE		
APPLICANT REP. Sally Waite		TITLE Primary	SIGNATURE		

PALM BEACH (COUNTY) : PA-04-FL-4468-PW-00163					
Conditions Information					
Review Name	Condition Type	Condition Name	Description	Monitored	Status
Insurance Review	Conditions (Grant Specific)	Insurance	No insurance requirements will be mandated for the damages included in this project. Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, or vehicles. (FEMA Recovery Policy FP 206-086-1). No insurance Narrative will be produced or uploaded into documents or attachments. No O&M is required for the facilities represented on this project. Tammie Wright- Insurance Specialist CRC East.	No	Recommended
Final Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee must comply with the terms and conditions of USACE Permit No. SAJ-2017-00019(SP-LCK) and associated guidance. The subgrantee must obtain permit modifications as necessary. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
Final Review	Program Conditions (Program Specific)	Standard Conditions	RECORD RETENTION/DOCUMENTATION REQUIRED As described in 2 CFR, Part 200 § 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	No	Approved

		PALM BEACH (COUNTY) : PA-04-FL-4468-PW-00163		
		Conditions Information		
			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 sub-recipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions, Part 200.333, (a) – (f), (1), (2). All records relative to this Project Worksheet 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. PROCUREMENT 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. LARGE PROJECTS The Recipient must submit its certification of the applicant'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. Project Worksheets written as large projects (costs above the large project threshold) are reimbursed 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. FEMA-STATE AGREEMENT REQUIRED The terms of the FEMA-State Agreement are incorporated by reference into this project award under the Public Assistance grant 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 Policy and Program Guide; and other FEMA policy and guidance. DHS STANDARD TERMS AND CONDITIONS REQUIRED The DHS Standard Terms and Conditions in effect as of the date of the declaration of this major disaster are incorporated by reference into this project award under the Public	

		PALM BEACH (COUNTY) : PA-04-FL-4468-PW-00163			
		Conditions Information			
			Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise. UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS REQUIRED The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at 2 C.F.R. pt. 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. pt. 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. CHANGES IN SCOPE OF WORK REQUIRED The applicant 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 applicant 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.		
Final Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Approved
Final Review	Other (EHP)	Standard Condition #2	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 federal funding.	No	Approved
Final Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Approved
Final Review	Other (EHP)	Executive Order 11988 - Floodplains	EO 11988 PROGRAM CONDITION: Per EO 11988 and 44 CFR Part 9.12(f) requirements, project cannot be obligated until 07/23/2020.	No	Approved

PALM BEACH (COUNTY) : PA-04-FL-4468-PW-00163					
Conditions Information					
Final Review	Other (EHP)	Migratory Bird Treaty Act (MBTA)	MBTA CONDITIONS: The subgrantee must comply with all the permit conditions and BO requirements regarding monitoring, reporting, and conservation requirements for birds. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
Final Review	Other (EHP)	Endangered Species Act (ESA)	ESA CONDITIONS: The proposed project must adhere to the Conservation Measures, Terms and Conditions, and Reasonable and Prudent Measures of the following Biological Opinions: USFWS Programmatic Piping Plover BO and the USFWS Statewide Programmatic BO for Sand Placement. The subgrantee must also adhere to the attached Sea Turtle and Smalltooth Sawfish Construction Conditions and Standard Manatee Conditions for In-Water Work. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
Final Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee must comply with the conditions of the FDEP Joint Coastal Permit #0303863-006JM. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
EHP Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee must comply with the terms and conditions of USACE Permit No. SAJ-2017-00019(SP-LCK) and associated guidance. The subgrantee must obtain permit modifications as necessary. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #2	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 federal funding.	No	Recommended

PALM BEACH (COUNTY) : PA-04-FL-4468-PW-00163**Conditions Information**

EHP Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Recommended
EHP Review	Other (EHP)	Executive Order 11988 - Floodplains	EO 11988 PROGRAM CONDITION: Per EO 11988 and 44 CFR Part 9.12(f) requirements, project cannot be obligated until 07/23/2020.	No	Recommended
EHP Review	Other (EHP)	Migratory Bird Treaty Act (MBTA)	MBTA CONDITIONS: The subgrantee must comply with all the permit conditions and BO requirements regarding monitoring, reporting, and conservation requirements for birds. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
EHP Review	Other (EHP)	Endangered Species Act (ESA)	ESA CONDITIONS: The proposed project must adhere to the Conservation Measures, Terms and Conditions, and Reasonable and Prudent Measures of the following Biological Opinions: USFWS Programmatic Piping Plover BO and the USFWS Statewide Programmatic BO for Sand Placement. The subgrantee must also adhere to the attached Sea Turtle and Smalltooth Sawfish Construction Conditions and Standard Manatee Conditions for In-Water Work. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
EHP Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee must comply with the conditions of the FDEP Joint Coastal Permit #0303863-006JM. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
7	Final Review	SERRALTA LUGO JUNE	07-27-2020 05:48 PM GMT	Reviewed and verified by DIU in Final. The CRC Net Cost in GM is equal to the Total Project Cost in EMMIE, and Cost Share matches in both systems. JSL 7/27/2020

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
6	Insurance Review	JOHNSON TERI	07-27-2020 05:28 PM GMT	Property insurance coverage for the facilities represented on this project are not insured or insurable. No insurance relief is anticipated. FEMA requires the Applicant to take reasonable efforts to pursue claims to recover insurance proceeds that it is entitled to receive from its insurer(s). In the event that any insurance proceeds are received for these expenses those proceeds must be reduced from FEMA Public Assistance funding to ensure no duplication of benefits has occurred. No duplication of benefits from insurance is anticipated for work described in this application. In the event any part or all costs are paid by an insurance policy, a duplication of benefits from insurance will occur. Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant award amount must be reduced by actual insurance proceeds. 06/03/2020 02:46 PM by Wright, Tammie L.
5	Mitigation Review	JOHNSON TERI	07-27-2020 05:28 PM GMT	06/03/2020 R. Lawson: Final review. Applicant has declined all mitigation measures across all of their projects citing permitting and cost concerns. See email uploaded under mitigation documents. Declination of appropriate mitigation measures may adversely affect future federal disaster funding. 406 review complete. 06/03/2020 01:59 PM by LAWSON, ROBERT M.
4	Insurance Review	SERRALTA LUGO JUNE	07-27-2020 05:00 PM GMT	Property insurance coverage for the facilities represented on this project are not insured or insurable. No insurance relief is anticipated. FEMA requires the Applicant to take reasonable efforts to pursue claims to recover insurance proceeds that it is entitled to receive from its insurer(s). In the event that any insurance proceeds are received for these expenses those proceeds must be reduced from FEMA Public Assistance funding to ensure no duplication of benefits has occurred. No duplication of benefits from insurance is anticipated for work described in this application. In the event any part or all costs are paid by an insurance policy, a duplication of benefits from insurance will occur. Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant award amount must be reduced by actual insurance proceeds. 06/03/2020 02:46 PM by Wright, Tammie L.

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
3	Mitigation Review	SERRALTA LUGO JUNE	07-27-2020 04:59 PM GMT	06/03/2020 R. Lawson: Final review. Applicant has declined all mitigation measures across all of their projects citing permitting and cost concerns. See email uploaded under mitigation documents. Declination of appropriate mitigation measures may adversely affect future federal disaster funding. 406 review complete. 06/03/2020 01:59 PM by LAWSON, ROBERT M.
2	EHP Review	HYATT LARISSA	07-09-2020 08:12 PM GMT	SOW: Palm Beach County, (26.92140, -80.06649) to (26.92493, -80.06747), Cat G, 0% work completed, total cost \$510,285: applicant will restore the South Jupiter dunes back to their pre-disaster condition by replacing 9,454 CY of engineered dune sand along 1,337 LF of shoreline between FDEP monument marker R-20-230 to R-21. Sand will be provided by an upland source, likely Witherspoon (Vulcan) sand mine (26.8095, -81.2791). Repairs are scheduled to take place between November 2020 and April 2021 (outside sea turtle nesting season). - kelkins - 07/08/2020 19:03:10 GMT CBRA: A portion of the project is located within an Otherwise Protected Area (OPA); per 44 CFR § 206.347(a)(2) no further action is necessary. - kelkins - 07/08/2020 19:10:21 GMT CWA: The subgrantee has obtained USACE Permit No. SAJ-2017-00019(SP-LCK). See attached permit and guidance documents. SEE CONDITON. - kelkins - 07/08/2020 19:10:38 GMT CZMA: The subgrantee has obtained FDEP JC Permit #0303863-006-JM. SEE CONDITION. - kelkins - 07/08/2020 19:51:37 GMT EO 11990: Project is not located in wetlands per review of USFWS National Wetlands Inventory (NWI) mapper, accessed 05/01/2020. - kelkins - 07/09/2020 12:54:01 GMT ESA: Project falls under the USFWS SPBO dated 03/13/2015 and USFWS P3BO dated 05/22/2013. SEE CONDITIONS. - kelkins - 07/09/2020 11:39:55 GMT MBTA: Per attached BOs, the applicant is required to comply with the FL Fish & Wildlife Commission's Nesting Bird Guidelines. SEE CONDITIONS. - kelkins - 07/08/2020 19:56:53 GMT MSA: Consultation with NMFS was conducted by the USACE. NMFS determined beach fill project would adversely affect EFH. Therefore, conservation of EFH and associated fishery resources recommendations were included and addressed adequately. See attached correspondence dated 06/26/2017, 03/23/2018, and 05/03/2018. - kelkins - 07/08/2020 20:01:01 GMT EO 11988: The project is located in Zone VE per Palm Beach County FIRM Panel #12099C0187F dated 10/05/2017. See 8-Step checklist attached. SEE CONDITION. - kelkins - 07/09/2020 12:27:55 GMT NHPA: FEMA has determined that there will be No Historic Properties Affected. SHPO concurrence with this determination was received, dated 04/23/2019. - kelkins - 07/08/2020 19:05:46 GMT
1	Initial Review	O NEAL CARLA	06-05-2020 12:21 PM GMT	PW-00163(0) - has been created in EMMIE. Reviewer should refer to Grants Manager to obtain project specific information. The final DDD, SOW, Cost, all Documentation, Mitigation and Insurance will be populated in EMMIE during the DIU EMMIE Final Record Upload process step by DIU.

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