

**Regular (Q3) Meeting Agenda (DR-4673-FL)**  
Collier County Local Mitigation Strategy (LMS) Working Group  
Conference Rooms A/B, South Regional Library  
8065 Lely Cultural Pkwy, Naples, FL  
34113  
0930hrs, July 21, 2023

1. Approval of
  - a. 21 April 2023 Regular Meeting Minutes
2. Quorum for meeting (In-Person)
3. Membership
  - a. Jennifer Schmidt, Multi-Hazard Planner, Collier County Emergency Management
    - Proposing to elect as “CCEM Staff Liaison”
  - b. Conduct Annual Vote for new LMSWG Chairperson & Co-Chairperson
4. **Project(s) for Review:**
  - a. **Yacono Residential Elevation (Existing) Project - RESUBMITTAL**
    - 112 Pago Pago W, Naples, FL 34113 (Lot 227, Isles of Capri, No. 2, Collier County)
    - Resubmittal due to increased project cost
    - POC: Shanti Smith-Copeland | Email: shanti.smith-copeland@iParametrics.com | 850-443-3896
  - b. **Greater Naples Fire Rescue District (GNFRD) - RESUBMITTAL**
    - Stations 20, 22, 23, 71, 72, 73, & 90
      - Station 20 – 4798 Davis BLVD, 34104
      - Station 22 – 4375 Bayshore DR, 34112
      - ~~Station 23 – 6055 Collier BLVD, 34114~~
      - Station 71 – 100 13<sup>th</sup> ST SW, 34117
      - Station 72 – 3820 Beck BLVD, 34114
      - Station 73 – 14565 Collier BLVD, 34119
      - Station 90 – 175 Capri BLVD, 34113
    - Wind Mitigation Projects (Combined)
    - Resubmittal Due to increased project costs
    - POC: Alan McLaughlin | Email: Amclaughlin@gnfire.org | 239-961-2549
  - c. **Lee County Electric Cooperative (LCEC) - RESUBMITTAL**
    - Belle Meade – Saferoom
      - Lat/Long (Decimal Degrees)
        - 26.035600 / -81.702969, Due South of 5735 Collier BLVD, Naples, FL 34114
      - Resubmittal based on RFI from LMSWG to determine feasibility of placement at indicated site location
      - Finished Floor Elevation Requirement (Category 5 SLOSH)
        - 23.5’ NAVD
    - POC: Karen Vivian | Karen.Vivian@lcec.net | 239-656-2236

## 5. Grant Opportunities –

## a. HMGP-

- Hurricane IAN (DR-4673-FL)
  - NOFA Open: February 24, 2023
  - **NOFA Close: August 29, 2023**
  - \$36,063,710
- Hurricane IAN (DR-4680-FL)
  - NOFA Open: May 19, 2023
  - **NOFA Close: 10/20/2023**
  - \$75,984.36
- BRIC/FMA
  - Next cycle – September 2023 (estimated)
  - **Notice of Interest (NOI) Form will be required for ALL subapplicants**
  - POC: Susan Harris-Council, Program Manager
    - [Non-DisasterPrograms@em.myflorida.com](mailto:Non-DisasterPrograms@em.myflorida.com)
    - (850) 815-4532
- FDEM Grant Contact Information
  - FDEM HMGP POC: Jared Jaworski  
([Jared.Jaworski@em.myflorida.com](mailto:Jared.Jaworski@em.myflorida.com) | 850-544-8372)
  - FDEM is requiring 100% digital submission for grant submissions
  - FDEM Portal
    - Register at [www.fdemportal.com/grants](http://www.fdemportal.com/grants)
    - Sub-applicants must request access prior to the application deadline to avoid late submissions

## b. Hurricane Loss Mitigation Program Retrofit Grant (HLMP)

- 215.559, F.S. Hurricane Loss Mitigation Program
  - Planning Kickoff Meetings as of 06/13/2023
  - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
  - FDEM HLMP Program Manager
    - Grant Goodwin
      - 850-815-4516
      - [Grant.Goodwin@em.myflorida.com](mailto:Grant.Goodwin@em.myflorida.com)
- Gulf Coast State College Mobile Home Tie Down Program
  - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
  - Contact Gulf Coast State College at 850-872-3807

## 6. LMS Update

- a. LMS update was approved by FEMA on May 7, 2020. The LMS expires on April 13, 2025.
- b. **Next 5-Year Update Cycle Begins Soon with expiration letters being sent out from**

**FDEM in six-month cycle (18, 12, 6 months prior)**

- c. Kick-off meetings (18-24 months prior to expiration)

7. Other News –

- a. Collier County’s Comprehensive Emergency Management Plan (CEMP) –

- Approved by the Florida Division of Emergency Management (FDEM) on 02/28/2021
- Approved by BCC at the 04/13/2021 Regular Meeting.

- b. Flood News

- c. Wildfire News

- d. Other News

- **NEW FEMA HMA Guidance released on 03/23/2023**

- <https://www.fema.gov/grants/mitigation/hazard-mitigation-assistance-guidance>

- Guidance for Hurricane Ian and Hurricane Nicole is the historical 2015 HMA Guidance

- [https://www.fema.gov/sites/default/files/2020-04/HMA\\_Guidance\\_FY15.pdf](https://www.fema.gov/sites/default/files/2020-04/HMA_Guidance_FY15.pdf)

8. Next regular meeting: **20 October 2023**, 0930hrs, location **South Regional Library**.

- a. Meeting adjourned at \_\_\_\_\_

**ATTACHMENT(S)**

1) PROJECT WORKSHEET FOR REVIEW:

- a) Yacono Residential Elevation Project
- b) GNFD 7 x Fire Station(s) Wind-Retrofit Projects
- c) Lee County Electric Cooperative (LCEC) - Belle Meade – Saferoom

2) April 21, 2023, Collier LMSWG Regular Meeting Minutes (PROJECT SCORESHEETS REMOVED)

**Attachment 1(a) -Yacono Project**

**Mitigation Initiatives Evaluation Score Sheet**

Instructions: Applicant completes this score sheet for EACH Project. Information required in each of the **SHADED AREAS**. Submit this score sheet in **MS Word format** to the Emergency Management Office electronically: [Richard.Zyvoloski@Colliercountyfl.gov](mailto:Richard.Zyvoloski@Colliercountyfl.gov) . Questions, call: 252-3603

If a submitter does not agree with the final determination, he or she shall have the right to meet with the scoring committee to present compelling information to change the score.

**PART I**

<b>Project Title:</b>		<b>Breanne Yacono Residential Elevation Project</b>					
<b>Project Location:</b>		112 Pago Pago Drive West, Naples, FL 34113					
<i>TYPE PROJECT ("X" appropriate box, or explain)</i>							
<b>Acquisition</b>	<b>Elevation</b>	<b>Relocation</b>	<b>Reconstruction</b>	<b>Essential Facility Retrofit</b>	<b>Non-Residential Retrofit</b>	<b>New Construction</b>	Special Considerations or Impact Statement, if any: 1978 Pre-FIRM structure. Lateral addition in 2020, along with updated roof, windows, and utilities. 18'-24' of flooding in home due to Hurricane Ian. Current Finished Floor Elevation (FFE) is 4.9' NAVD. Proposing to elevate FFE to 14.9' NAVD (+10'). Hurricane Ian IHP funds requires flood insurance in perpetuity for the home. Mitigating will decrease the chances for future claims, which may prevent Repetitive Loss classification.
	<b>X</b>						
<b>What Goal or Objective does this address (See Sec. 3.0, LMS)?</b>				Objectives 1.1 & 1.2			
<b>What hazard(s) does this project or initiative correct/mitigate?</b>				Flood, Tropical Cyclone, Sea Level Rise			
<b>Who (what community) benefits from this project or initiative?</b>				Unincorporated Collier County			
<b>Does this project or initiative address mitigation on NEW infrastructure or buildings?</b>						No	
<b>Does this project or initiative address mitigation on EXISTING infrastructure or buildings?</b>						Yes	
<b>Project or Initiative Description:</b>		Residential Elevation Project. Proposing to raise home approximately 10'. Current BFE is 8.0' NAVD per 12021/0826/H. Proposed Collier RISK Map product increases BFE to 9.0' NAVD. Home would be approximately +6.9' above proposed BFE. The homeowner had installed impact resistant windows in 2018; doors and sliders in 2020; and a new roof in 2020. There is a Uniform Mitigation Verification Inspection Form dated 7-8-2020.					
<b>Applicant and Responsible Agency:</b>		<b>Greater Naples Fire Rescue</b>					
<b>Agency Contact Information</b>							
<b>NAME</b>				<b>E-Mail</b>		<b>PHONE</b>	
Chief Alan McLaughlin				<a href="mailto:amclaughlin@gnfire.org">amclaughlin@gnfire.org</a>		239-961-2549	
<b>Potential Funding Source(s)</b>			HMGP			<b>Estimated Cost</b>	
						<b>\$308,553.00</b>	

<b>Suitability</b>			<b>Score</b>	<b>For LMS WG only</b>
<b>1</b>	Appropriateness of the Measure	<b>5- High:</b> Reduces vulnerability and is consistent with Local Mitigation goals and plans for future growth. <b>3- Medium:</b> Needed but isn't tied to an identified vulnerability. <b>1- Low:</b> Inconsistent with LMS goal or plans.	5	
<b>2</b>	Community Acceptance	<b>5- High:</b> Endorsed by most communities. <b>3- Medium:</b> Endorsed by most; may create burdens. <b>1- Low:</b> Not likely to be endorsed by the communities.	5	
<b>3</b>	Environmental Impact	<b>5- Positive</b> effect on the environment. <b>3- No effect</b> <b>1- Adverse</b> effect on the environment.	3	
<b>4</b>	Legislation	<b>5- High:</b> Consistent with the existing laws and regulations. <b>3- Medium:</b> New legislation or policy change. <b>1- Low:</b> Conflicts with existing laws and regulations.	5	
<b>5</b>	Consistent with Existing Plans	<b>5- High:</b> Consistent with existing plans.	<b>5</b>	

and Priorities.	<b>3- Medium:</b> Somewhat consistent. <b>1- Low:</b> Conflicts with existing plans and policies.		
-----------------	------------------------------------------------------------------------------------------------------	--	--

Risk		Score	For LMS WG only
1	Scope of Benefits	5- <b>High:</b> Benefits all municipalities and unincorporated area directly or indirectly 3- <b>Medium:</b> Benefits half or more, but <b>not all</b> the municipalities and/or the unincorporated areas. 1- <b>Low:</b> Benefits less than half of the municipalities and/or the unincorporated area.	1
2	Potential to protect human lives	5- <b>High:</b> More than 1,000 lives 3- <b>Medium:</b> Up to 1,000 lives 0- <b>Low:</b> No lifesaving potential.	3
3	Importance of Benefits	5- <b>High:</b> Need for essential services. 3- <b>Medium:</b> Need for other services. 1- <b>Low:</b> No significant implications.	1
4	Inconvenience of Problem Correction	5- <b>None:</b> Causes no problems. 3- <b>Moderate:</b> Causes few problems. 1- <b>Significant:</b> Causes much inconvenience (i.e. traffic jams, loss of power, delays).	5
5	Economic Loss (Effect of implementing the project on local economy)	5- <b>Minimal:</b> Economic loss has little effect during the project. 3- <b>Moderate:</b> Economic loss (minimal disruption). 1- <b>Significant:</b> Economic loss (businesses closed; jobs affected).	5
6	Number of People to directly Benefit	5- <b>High:</b> More than 20,000 3- <b>Medium:</b> 4,000 –20,000 1- <b>Lower:</b> Fewer than 4,000	1

Cost		Score	For LMS WG only
1	Initial Cost	5- <b>Low:</b> \$0 to \$250,000 3- <b>Moderate:</b> \$251,000 to \$1 million 1- <b>High:</b> More than \$1 million	3
2	Maintenance /Operating Costs	5- <b>Lower costs:</b> Less than 5% per annum of the initial cost. 3- <b>Moderate:</b> 5%-10% per annum of the initial cost. 1- <b>High:</b> More than 10% per annum of the initial cost.	5
3	Environmental Cost Impact	5- <b>Positive</b> effect on the environment. 3- <b>No effect</b> 1- <b>Adverse</b> effect on the environment.	3
4	Financing Availability	5- <b>Good:</b> Readily available with grants and/or matching funds 3- <b>Moderate:</b> Limited matching funds available 1- <b>Poor:</b> No funding sources or matching funds identified	5
5	Repetitive FLOOD damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	5- <b>High:</b> Corrects repetitive loss/severe repetitive loss 3- <b>Medium:</b> Possible repetitive loss mitigation, but not documented. 1- <b>Low:</b> Improves NFIP flood insured. 0- Not a NFIP insured structure.	1

**PART II**

**Benefit Cost Analysis – QUICK WORKSHEET**

ESTIMATED PROJECT COST:     \$310,000    

---

How many people directly are affected by this project?     4    

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

---

Some possible costs are:

\* Direct Damage Losses based on hazard mitigated:

- 1) Property Structural (building)     \$101,178
- 2) Non-structural (automobiles, furniture, clothing, equipment)     \$75,422
- 2) Indirect Damages (loss of function)     \$37,000
- 4) Grant Consultant     \$30,000

**Total Cost for Future Damages & Associated Expenses:**     \$243,600     (NOTE: This figure

should be detailed above.)

**Structural (building) \$101,178.00**

- Floors- \$16,632
- Cabinets- \$18,766
- Doors/ Trim- \$13,451
- Drywall/ wall repair- \$10,238
- Electrical- \$8,941
- Plumbing- \$4,570
- Paint- \$13,800
- Demo/remediation - \$14,780

**Non-structural (automobiles, furniture, clothing, equipment) \$75,422.00**

- Furniture/ appliances- \$46,651
- Clothing/ household items- \$8,321
- Equipment (personal training, fishing equipment) - \$20,450

**Indirect Damages (loss of function) \$37,000.00**

- Lost wages \$20,000
- Relocation expenses \$5,000
- Rent for temporary housing or space
- Rent, storage unit for 3 1/2 months- \$12,000

**Grant Consultant**     \$30,000.00    

---

**DAMAGE & LOSS COSTS, divided by PROJECT COST = QUICK BCA RATIO**

DAMAGE COSTS: (\$243,600)  
divided by = BCA .79  
 MITIGATION PROJECT \$: (\$310,000.00)

**Attachment 1(b) -GNFD Project**

**Mitigation Initiatives Evaluation Score Sheet**

Instructions: Applicant completes this score sheet for EACH Project. Information required in each of the SHADED AREAS. Submit this score sheet in MS Word format to the Emergency Management Office electronically: [Richard.Zyvoloski@Colliercountyfl.gov](mailto:Richard.Zyvoloski@Colliercountyfl.gov) . Questions, call: 252-3603

**If a submitter does not agree with the final determination, he or she shall have the right to meet with the scoring committee to present compelling information to change the score.**

**PART I**

<b>Project Title:</b>		<b>Retrofitting 7 Fire Stations</b>				
<b>Project Location:</b>		Various Locations throughout Collier County (Stations 20, 22, 71, 72, 73, & 90)				
<i>TYPE PROJECT ("X" appropriate box, or explain)</i>						
<b>Acquisition</b>	Elevation	Relocation	Reconstruction	Essential Facility Retrofit	Non-Residential Retrofit	New Construction
			<b>X</b>			
<b>What Goal or Objective does this address (See Sec. 3.0, LMS)?</b>						Objectives 3.1, 3.3, 3.4, 3.6
<b>What hazard(s) does this project or initiative correct/mitigate?</b>						Flood, Tropical Cyclone, Sea Level Rise
<b>Who (what community) benefits from this project or initiative?</b>						Collier County
<b>Does this project or initiative address mitigation on NEW infrastructure or buildings?</b>						No
<b>Does this project or initiative address mitigation on EXISTING infrastructure or buildings?</b>						Yes
<b>Project or Initiative Description:</b>		We are proposing to add wind rated bay doors to 6 fire stations in Collier County. The doors are currently out of date when it comes to wind retrofitting standards. These fire stations are critical facilities during hurricanes and other disasters. To keep the envelope of the building intact and remain functional, these doors need to be updated to the highest grade. Additional upgrades will be made per engineering inspection recommendations in order to bring stations to full building code compliance and support the long-term wind impact resilience of the structures.				
<b>Applicant and Responsible Agency:</b>		<b>Collier County Government</b>				
<b>Agency Contact Information</b>						
<b>NAME</b>		<b>E-Mail</b>			<b>PHONE</b>	
Alan McLoughlin, Assistant Chief of Logistics, Greater Naples Fire Rescue District		Amclaughlin@gnfire.org			239-961-2549	
<b>Potential Funding Source(s)</b>		HMGP		<b>Estimated Cost</b>		<b>\$4,667,679.00</b>

<b>Suitability</b>			<b>Score</b>	<b>For LMS WG only</b>
<b>1</b>	Appropriateness of the Measure	<b>5- High:</b> Reduces vulnerability and is consistent with Local Mitigation goals and plans for future growth. <b>3- Medium:</b> Needed but isn't tied to an identified vulnerability. <b>1- Low:</b> Inconsistent with LMS goal or plans.	5	
<b>2</b>	Community Acceptance	<b>5- High:</b> Endorsed by most communities. <b>3- Medium:</b> Endorsed by most; may create burdens. <b>1- Low:</b> Not likely to be endorsed by the communities.	5	

3	Environmental Impact	5- <b>Positive</b> effect on the environment. 3- <b>No effect</b> 1- <b>Adverse</b> effect on the environment.	3	
4	Legislation	5- <b>High:</b> Consistent with the existing laws and regulations. 3- <b>Medium:</b> New legislation or policy change. 1- <b>Low:</b> Conflicts with existing laws and regulations.	5	
5	Consistent with Existing Plans and Priorities.	5- <b>High:</b> Consistent with existing plans. 3- <b>Medium:</b> Somewhat consistent. 1- <b>Low:</b> Conflicts with existing plans and policies.	5	

Risk			Score	For LMS WG only
1	Scope of Benefits	5- <b>High:</b> Benefits all municipalities and unincorporated area directly or indirectly 3- <b>Medium:</b> Benefits half or more, but <b>not all</b> the municipalities and/or the unincorporated areas. 1- <b>Low:</b> Benefits less than half of the municipalities and/or the unincorporated area.	5	
2	Potential to protect human lives	5- <b>High:</b> More than 1,000 lives 3- <b>Medium:</b> Up to 1,000 lives 0- <b>Low:</b> No lifesaving potential.	5	
3	Importance of Benefits	5- <b>High:</b> Need for essential services. 3- <b>Medium:</b> Need for other services. 1- <b>Low:</b> No significant implications.	5	
4	Inconvenience of Problem Correction	5- <b>None:</b> Causes no problems. 3- <b>Moderate:</b> Causes few problems. 1- <b>Significant:</b> Causes much inconvenience (i.e. traffic jams, loss of power, delays).	5	
5	Economic Loss (Effect of implementing the project on local economy)	5- <b>Minimal:</b> Economic loss has little effect during the project. 3- <b>Moderate:</b> Economic loss (minimal disruption). 1- <b>Significant:</b> Economic loss (businesses closed; jobs affected).	5	
6	Number of People to directly Benefit	5- <b>High:</b> More than 20,000 3- <b>Medium:</b> 4,000 –20,000 1- <b>Lower:</b> Fewer than 4,000	5	

Cost			Score	For LMS WG only
1	Initial Cost	5- <b>Low:</b> \$0 to \$250,000 3- <b>Moderate:</b> \$251,000 to \$1 million 1- <b>High:</b> More than \$1 million	1	
2	Maintenance /Operating Costs	5- <b>Lower costs:</b> Less than 5% per annum of the initial cost. 3- <b>Moderate:</b> 5%-10% per annum of the initial cost. 1- <b>High:</b> More than 10% per annum of the initial cost.	5	
3	Environmental Cost Impact	5- <b>Positive</b> effect on the environment. 3- <b>No effect</b> 1- <b>Adverse</b> effect on the environment.	3	
4	Financing Availability	5- <b>Good:</b> Readily available with grants and/or matching funds 3- <b>Moderate:</b> Limited matching funds available 1- <b>Poor:</b> No funding sources or matching funds identified	5	
5	Repetitive FLOOD damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	5- <b>High:</b> Corrects repetitive loss/severe repetitive loss 3- <b>Medium:</b> Possible repetitive loss mitigation, but not documented. 1- <b>Low:</b> Improves NFIP flood insured. 0- Not a NFIP insured structure.	1	



***PART II***

**Benefit Cost Analysis – QUICK WORKSHEET**

This worksheet to be filled out by the applicant, is designed only for the Local Mitigation Strategy Working Group use only. This gives the group a flavor for the potential benefits that the project may yield. Here’s your chance to quantitatively make the case for your project as COST EFFECTIVE. This BCA is not the same one as the FEMA BCA. The FEMA BCA requires a lot more detail and supporting documentation, but this one will help you to further develop the “official FEMA BCA” should your project go forward as a FEMA grant request. (Please note the asterisked “\*” items below for the appropriate help.)

ESTIMATED PROJECT COST: ██████████ \$4,667,679.00

---

How many people directly are affected by this project? ██████████ 115, 895

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

---

Some possible costs are:

- \* Direct Damage Losses based on hazard mitigated:
  - 1) Property Structural (building) \$50,596,416
  - 2) Non-structural (automobiles, furniture, clothing, equipment) \$10,973,600
  - 2) Indirect Damages (loss of function) \$90,000

**Total Cost for Future Damages & Associated Expenses: \$161,660,016**

(NOTE: This figure should be detailed above.)

\*These costs are if all 7 fire stations were damaged and unable to function post disaster.

**DAMAGE & LOSS COSTS, divided by PROJECT COST = QUICK BCA RATIO**

DAMAGE COSTS:	(\$61,660,016)		
	divided by		
MITIGATION PROJECT \$: (\$4,667,679)			= 13.2

**Attachment 1(c) -LCEC Belle Meade Safe Room Project**

**Mitigation Initiatives Evaluation Score Sheet**

Instructions: Applicant completes this score sheet for EACH Project. Information required in each of the SHADED AREAS. Submit this score sheet in MS Word format to the Emergency Management Office electronically: [Richard.Zyvoloski@Colliercountyfl.gov](mailto:Richard.Zyvoloski@Colliercountyfl.gov) . Questions, call: 252-3603

If a submitter does not agree with the final determination, he or she shall have the right to meet with the scoring committee to present compelling information to change the score.

**PART I**

<b>Project Title:</b>		<b>Belle Meade – LCEC Service Center/ Emergency Operations Safe Room</b>					
<b>Project Location:</b>		Lat: 26.035600 Long: -81.702969   Due South of 5735 Collier Blvd Naples, FL 34114					
<i>TYPE PROJECT ("X" appropriate box, or explain)</i>							
<b>Acquisition</b>	Elevation	Relocation	Reconstruction	Essential Facility Retrofit	Non-Residential Retrofit	New Construction	Special Considerations or Impact Statement, if any: FEMA Saferooms’ primary focus are to protect first responders, those that must remain behind during a high wind event. Another direct benefit of first responders surviving the “storm” is that they can immediately, and effectively, begin responding to disaster response and recovery needs. The sooner that a community can progress from the response to the recovery phase of a disaster, the sooner normalcy can return to private citizens and commercial interests. To that end, an improved ability to respond and recover from a disaster event will benefit the economic interest of customers of LCEC within the affected area. Elevated, hardened space for equipment and vehicle storage will be included within this facility, understanding that FDEM/FEMA may fund only portions of that work.
						<b>X</b>	
<b>What Goal or Objective does this address (See Sec. 3.0, LMS)?</b>					Goal 3, Objective 3.4		
<b>What hazard(s) does this project or initiative correct/mitigate?</b>					Tropical Cyclone		
<b>Who (what community) benefits from this project or initiative?</b>					LCEC Essential Staff Supporting South Naples Infrastructure.		
<b>Does this project or initiative address mitigation on NEW infrastructure or buildings?</b>						Yes	
<b>Does this project or initiative address mitigation on EXISTING infrastructure or buildings?</b>						No	
<b>Project or Initiative Description:</b>		The saferoom would be located the Belle Meade Service Center. The saferoom will be designed to FEMA P-361 Standards, and will represent a dual-purpose saferoom to address hurricanes/tropical systems. FEMA Saferooms primary focus are to protect first responders that must stay behind during a high-wind event. This safe room will include areas to protect equipment and vehicles for use after the danger of the tropical system passes.					
<b>Applicant and Responsible Agency:</b>		Lee County Electric Cooperative, Inc.					
<b>Agency Contact Information</b>							
<b>NAME</b>		<b>E-Mail</b>			<b>PHONE</b>		
Karen Vivian		<a href="mailto:Karen.vivian@lcec.net">Karen.vivian@lcec.net</a>			239-656-2236		
<b>Potential Funding Source(s)</b>		LCEC Funds			<b>Estimated Cost</b>		<b>7,000,000.00</b>

<b>Suitability</b>			<b>Score</b>	<b>For LMS WG only</b>
<b>1</b>	Appropriateness of the Measure	<b>5- High:</b> Reduces vulnerability and is consistent with Local Mitigation goals and plans for future growth. <b>3- Medium:</b> Needed but isn’t tied to an identified vulnerability. <b>1- Low:</b> Inconsistent with LMS goal or plans.	5	
<b>2</b>	Community Acceptance	<b>5- High:</b> Endorsed by most communities. <b>3- Medium:</b> Endorsed by most; may create burdens. <b>1- Low:</b> Not likely to be endorsed by the communities.	5	

3	Environmental Impact	5- <b>Positive</b> effect on the environment. 3- <b>No effect</b> 1- <b>Adverse</b> effect on the environment.	3	
4	Legislation	5- <b>High:</b> Consistent with the existing laws and regulations. 3- <b>Medium:</b> New legislation or policy change. 1- <b>Low:</b> Conflicts with existing laws and regulations.	5	
5	Consistent with Existing Plans and Priorities.	5- <b>High:</b> Consistent with existing plans. 3- <b>Medium:</b> Somewhat consistent. 1- <b>Low:</b> Conflicts with existing plans and policies.	5	

Risk			Score	For LMS WG only
1	Scope of Benefits	5- <b>High:</b> Benefits all municipalities and unincorporated area directly or indirectly 3- <b>Medium:</b> Benefits half or more, but <b>not all</b> the municipalities and/or the unincorporated areas. 1- <b>Low:</b> Benefits less than half of the municipalities and/or the unincorporated area.	1	
2	Potential to protect human lives	5- <b>High:</b> More than 1,000 lives 3- <b>Medium:</b> Up to 1,000 lives 0- <b>Low:</b> No lifesaving potential.	3	
3	Importance of Benefits	5- <b>High:</b> Need for essential services. 3- <b>Medium:</b> Need for other services. 1- <b>Low:</b> No significant implications.	5	
4	Inconvenience of Problem Correction	5- <b>None:</b> Causes no problems. 3- <b>Moderate:</b> Causes few problems. 1- <b>Significant:</b> Causes much inconvenience (i.e. traffic jams, loss of power, delays).	5	
5	Economic Loss (Effect of implementing the project on local economy)	5- <b>Minimal:</b> Economic loss has little effect during the project. 3- <b>Moderate:</b> Economic loss (minimal disruption). 1- <b>Significant:</b> Economic loss (businesses closed; jobs affected).	5	
6	Number of People to directly Benefit	5- <b>High:</b> More than 20,000 3- <b>Medium:</b> 4,000 –20,000 1- <b>Lower:</b> Fewer than 4,000	1	

Cost			Score	For LMS WG only
1	Initial Cost	5- <b>Low:</b> \$0 to \$250,000 3- <b>Moderate:</b> \$251,000 to \$1 million 1- <b>High:</b> More than \$1 million	1	
2	Maintenance /Operating Costs	5- <b>Lower costs:</b> Less than 5% per annum of the initial cost. 3- <b>Moderate:</b> 5%-10% per annum of the initial cost. 1- <b>High:</b> More than 10% per annum of the initial cost.	5	
3	Environmental Cost Impact	5- <b>Positive</b> effect on the environment. 3- <b>No effect</b> 1- <b>Adverse</b> effect on the environment.	3	
4	Financing Availability	5- <b>Good:</b> Readily available with grants and/or matching funds 3- <b>Moderate:</b> Limited matching funds available 1- <b>Poor:</b> No funding sources or matching funds identified	5	
5	Repetitive FLOOD damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	5- <b>High:</b> Corrects repetitive loss/severe repetitive loss 3- <b>Medium:</b> Possible repetitive loss mitigation, but not documented. 1- <b>Low:</b> Improves NFIP flood insured. 0- Not a NFIP insured structure.	0	

**PART II**

**Benefit Cost Analysis – QUICK WORKSHEET**

This worksheet to be filled out by the applicant, is designed only for the Local Mitigation Strategy Working Group use only. This gives the group a flavor for the potential benefits that the project may yield. Here’s your chance to quantitatively make the case for your project as COST EFFECTIVE. This BCA is not the same one as the FEMA BCA. The FEMA BCA requires a lot more detail and supporting documentation, but this one will help you to further develop the “official FEMA BCA” should your project go forward as a FEMA grant request. (Please note the asterisked “\*” items below for the appropriate help.)

ESTIMATED PROJECT COST: \$7,000,000.00

How many people directly are affected by this project? 40 Safe Room Occupants

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

Some possible costs are:

* Real Property Losses based on hazard mitigated:	_____
** Furnishing/Equipment Losses:	_____
** Alternate facility costs:	_____
** Contract/rental costs:	_____
** Other associated costs (list):	_____
<u>Injury and Loss of Life</u>	<u>\$10,000,000.00</u>
_____	_____
_____	_____

**Total Cost for Future Damages & Associated Expenses:** \$10,000,000.00 (NOTE: This figure should be detailed above.)

Statement to support above costs/losses: Purpose of project is to protect LCEC Restoration Staff And other safe room occupants in the event of a hurricane so that they can survive the storm and be prepared to restore power. Studies suggest that the statistical value of a human life [government terms] is approximately \$10,000,000. If this safe room saves even one (1) occupant’s life that would otherwise have been at risk, the project is cost-effective.

**DAMAGE & LOSS COSTS, divided by PROJECT COST = QUICK BCA RATIO**

DAMAGE COSTS: (\$10,000,000.00)  
divided by  
MITIGATION PROJECT \$:(7,000,000.00) = BCA 1.42

**Attachment 2 -04/21/2023 LMSWG Minutes****Regular (Q2) Meeting Minutes (DR-4673-FL)**

Collier County Local Mitigation Strategy (LMS) Working Group

Conference Rooms A/B, South Regional Library

8065 Lely Cultural Pkwy, Naples, FL

34113

0930hrs, April 21, 2023

1. Approval of
  - a. 24 March 2023 Special Meeting Minutes – **Approved**
2. **Project(s) for Review:**
  - a. Riverbend MHP Sewer Reconstruction Mitigation Project – **Approved | No Sponsor Identified**
    - POC: Phil Lutzi | pjlutzi@hotmail.com | (607) 257-0777
  - b. Port of the Isles (PIO) Community Improvement District (CID) – **LMSWG reviewed and approved CONTINGENT on POI CID adopting 2020 LMS via resolution, along with FEMA approval**
    - Backup Water Storage -
    - WWTP Water Filter
    - 6 x Mobile Generators for Lift Station Power Backup – **Recommended that non-SFHA location be established for mobile generators to be stored when not in use**
    - Road Elevation/Waterline Hardening/Well Head Elevation
    - POC: Dan Truckey | dtruckey@poicid.com | (920) 737-1345
  - c. Naples Community Hospital (NCH) – **Projects approved**
    - Downtown (Baker) Window -Wind Retrofit
    - Downtown & North Naples Flood Mitigation (Combined)
    - POC: Jennifer Smith | Jennifer.Smith@nchmd.org | 239-624-1528
  - d. Lee County Electric Cooperative (LCEC) – **3 of 6 approved. See notes below.**
    - **Fred Smith/Bostic-CMI projects (4 total) all combined as of 05/19/2023**
      - Fred Smith/Bostic-City of Marco Island (CMI) Substation (Combined)
      - Fred Smith-CMI-Circuit Breakers (Combined)
    - ~~Everglades City Saferoom~~ – **Determined not feasible after meeting due to preliminary Collier RiskMAP product indicating area being within LiMWA Coastal A Zone**
    - Belle Meade – Saferoom – **Re-evaluating to address LMSWG concerns regarding associated on-site equipment during an event**
    - ~~Pad Mount/Underground Utility-CMI~~ – **LMSWG requested more information – Project not approved and not moving forward with Collier LMSWG as of 05/19/2023**
    - Carnestown/CMI Looping Transmission System-19 miles
    - POC: Karen Vivian | Karen.Vivian@lcec.net | 239-656-2236
  - e. South Florida Water Management District (SFWMD) – **Project approved after verification that tower would have a supporting onsite stationary generator that**

**would be built to compliance. Approved CONTINGENT upon FEMA approval of SFWMD Resolution adopting 2020 LMS.**

- Big Cypress Basin Microwave Tower
- POC: Carolina Maran | Email: [cmaran@sfwmd.gov](mailto:cmaran@sfwmd.gov) | 561-682-6868

3. Quorum for meeting (In-Person):

4. Membership

- a. Storm Gewirtz – Project Manager III (Licensed) – Stormwater Management – TMSD (Collier BCC) - **Approved**
- b. Robert (Bob) Dorta – Floodplain Coordinator – City of Naples – **Approved**
- c. Karen Vivian – Supervisor, Financial Planning & Analysis – LCEC – **Approved**
- d. Carolina Maran – Chief Resiliency Officer – SFWMD - **Approved**

5. Grant Opportunities –

a. HMGP-

- Hurricane IAN (DR-4673-FL)
  - HMGP Timeline attached
  - NOFA Open: February 24, 2023
  - NOFA Close: May 31, 2023
  - \$36,063,710
  - Jurisdictions need to consider 404-Mitigation and 406-Public Assistance Consultants
    - For 404-Mitigation, homeowners must be sponsored by a local government entity
    - **County Virtual Workshop – March 25, 2023 – 9:00am – 12:00pm**
- BRIC/FMA
  - Next cycle – September 2023 (estimated)
- FDEM Grant Contact Information
  - FDEM HMGP POC: Jared Jaworski ([Jared.Jaworski@em.myflorida.com](mailto:Jared.Jaworski@em.myflorida.com) | 850-544-8372)
  - FDEM is requiring 100% digital submission for grant submissions
  - FDEM Portal
    - Register at [www.fdemportal.com/grants](http://www.fdemportal.com/grants)
    - Sub-applicants must request access prior to the application deadline to avoid late submissions.

b. Hurricane Loss Mitigation Program Retrofit Grant (HLMP)

- 215.559, F.S. Hurricane Loss Mitigation Program
  - Sunset repealed to 2032
  - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
- FDEM HLMP Program Manager
  - Grant Goodwin
    - 850-815-4516
    - [Grant.Goodwin@em.myflorida.com](mailto:Grant.Goodwin@em.myflorida.com)

- Gulf Coast State College Mobile Home Tie Down Program
    - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
    - Contact Gulf Coast State College at 850-872-3807
6. LMS Update
- a. LMS update was approved by FEMA on May 7, 2020. The LMS expires on April 13, 2025.
  - b. **Next 5-Year Update Cycle Begins Soon with expiration letters being sent out from FDEM in six-month cycle (18, 12, 6 months prior)**
  - c. Kick-off meetings (18-24 months prior to expiration)
  - d. Updated Florida Review Tool and LMS Crosswalk
  - e. FL-391 “LMS Update Manual Training” will be offered in the near future
7. Other News –
- a. Collier County’s Comprehensive Emergency Management Plan (CEMP) –
    - Approved by the Florida Division of Emergency Management (FDEM) on 02/28/2021
    - Approved by BCC at the 04/13/2021 Regular Meeting.
  - b. Flood News
  - c. Wildfire News
  - d. Other News
    - 2022 LMS Annual Recertification approved 01/31/2023
    - Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM) Revolving Loan Fund
      - <https://www.floridadisaster.org/dem/mitigation/safeguarding-tomorrow-through-ongoing-risk-mitigation-storm-revolving-loan-fund/>
    - **NEW FEMA HMA Guidance released on 03/23/2023**
      - <https://www.fema.gov/grants/mitigation/hazard-mitigation-assistance-guidance>
8. Next regular meeting: **21 July 2023, 0930hrs, location South Regional Library.**
- a. Meeting adjourned at **11:45AM**

**ATTACHMENT(S)**

- 1) PROJECT WORKSHEET FOR REVIEW: Riverbend MHP Sewer Reconstruction Mitigation Project (REMOVED)
- 2) PROJECT WORKSHEETS FOR REVIEW: Port of the Isles (PIO) Community Improvement District (CID) (REMOVED)
  - a) Backup Water Storage
  - b) WWTP Water Filter
  - c) 6 x Mobile Generators for Lift Station Power Backup
  - d) Road Elevation/Waterline Hardening/Well Head Elevation

- 3) PROJECT WORKSHEETS FOR REVIEW: Naples Community Hospital (NCH) – (REMOVED)
  - a) Downtown (Baker) Window -Wind Retrofit
  - b) Downtown & North Naples Flood Mitigation (Combined)
  
- 4) PROJECT WORKSHEETS FOR REVIEW: Lee County Electric Cooperative (LCEC) – (REMOVED)
  - a) Fred Smith/Bostic-City of Marco Island (CMI) Substation (Combined)/ Fred Smith-CMI-Circuit Breakers (Combined) – **Projects (2 + 2) combined by LCEC, but same end cost as of 05/19/2023**
  - b) ~~Everglades City – Saferoom – Not approved and LCEC will not proceed as of 05/19/2023~~
  - c) Belle Meade – Saferoom – **Future meeting per LMSWG RFI**
  - d) ~~Pad Mount/Underground Utility – CMI – Future meeting per LMSWG RFI Not approved and LCEC will not proceed as of 05/19/2023~~
  - e) Carnestown/CMI Looping Transmission System-19 miles – **LCEC agreed to have listed last for Collier’s Hurricane Ian HMGP PPL ranking due to high cost. Potentially will move to Tier two (2) funding in the future.**
  
- 5) PROJECT WORKSHEETS FOR REVIEW South Florida Water Management District (SFWMD) - Big Cypress Basin Microwave Tower (REMOVED)
  
- 6) March 24, 2023, Collier LMSWG Special Meeting Minutes (REMOVED)
  
- 7) **SEPARATE ATTACHMENT** – SFWMD Resolution 2023-0409 – Collier LMS Adoption – 04/13/2023 – (REMOVED)