

**Special 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, March 24, 2023

1. Approval of
  - a. 20 January 2023 Regular Meeting Minutes –
2. **Project(s) for Review:**
  - a. Greater Naples Fire Rescue District (GNFRD)
    - 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)
    - POC: Alan McLaughlin | Email: Amclaughlin@gnfire.org | 239-961-2549
  - b. Naples Community Hospital (NCH)
    - NCH Downtown - 350 7<sup>th</sup> ST N, 34102
    - NCH North Naples Campus - 11190 Health Park BLVD, 34110
    - Wind Mitigation Projects
    - POC: Jennifer Smith | Email: Jennifer.Smith@nchmd.org | 239-624-1528
    - **NOTE: If possible, address impact window installs via this grant opportunity.**
3. Quorum for meeting (In-Person):
4. Membership – No new membership inquires
5. Grant Opportunities –
  - a. HMGP-
    - Hurricane IAN (DR-4673-FL)
      - HMGP Timeline attached
      - Tentative NOFA Open: Week of January 30, 2023
      - Tentative NOFA Close: Week of May 1, 2023
      - Unknown County Allocation Estimate currently
      - Jurisdictions need to consider 404-Mitigation and 406-Public Assistance Consultants
        - For 404-Mitigation, homeowners must be sponsored by a local government entity
      - **State Webinar scheduled for March 28, 2023 – 1:00pm – 4:00 pm**
      - **County Virtual Workshop – Tentative for April 2023 (TBD)**

- 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    - Sunset repealed to 2032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>
- **South Florida Water Management District (SFWMD) planning on adopting the Collier County 2020 LMS on 04/13/2023, with future project submittals at next meeting (04/21/2023)**

8. Next regular meeting: **21 April 2023**, 0930hrs, location TBD.

a. Meeting adjourned at 10:57 am

**ATTACHMENT(S)**

- 1) PROJECT WORKSHEET FOR REVIEW: GNFRD Project Scoresheet (Combined)
- 2) PROJECT WORKSHEET FOR REVIEW: NCH Downtown Project Scoresheet
- 3) PROJECT WORKSHEET FOR REVIEW: NCH North Naples Project Scoresheet
- 4) January 20, 2023, Collier LMSWG Regular Meeting Minutes

**Attachment 1 to the 24 March 2023 Agenda/Minutes**

**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, 23, 71, 72, 73, & 90)				
<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>
			X			We are proposing to add wind rated bay doors to 7 fire stations. These fire stations serve thousands of Collier County citizens. These fire stations are in full operation during an emergency and need to be retrofitted to have wind rated bay doors. These doors would allow the envelope of these buildings to remain intact during high wind events. The newest fire station in the district was built in 2008 and the standards for wind retrofitting requirement for doors was updated in 2010. As it currently stands, these out-of-date doors are what separate the essential workers from having their entire station made inoperable by high winds and flooding in future events. These updated doors will allow the fire department stations better odds of remaining functional during and after future disasters. The existing doors with deployed wind screens did not survive the winds of Hurricane Ian and the existing doors had to be repaired post event.
<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 7 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. In order to keep the envelope of the building intact and remain functional, these doors need to be updated to the highest grade. In the event these stations are reconstructed in the near future, the doors will be removed from the existing building and used in the new construction. Station's 20, 22, 23, 71, 72, 73, & 90.				
<b>Applicant and Responsible Agency:</b>		<b>Collier County Government</b>				
Agency Contact Information						
<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>\$2,200,000.00</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.	5	

		<b>3- Medium:</b> Needed but isn't tied to an identified vulnerability. <b>1- Low:</b> Inconsistent with LMS goal or plans.		
2	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	<b>5- Positive</b> effect on the environment. <b>3- No effect</b> <b>1- Adverse</b> effect on the environment.	5	
4	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	
5	Consistent with Existing Plans and Priorities.	<b>5- High:</b> Consistent with existing plans. <b>3- Medium:</b> Somewhat consistent. <b>1- Low:</b> Conflicts with existing plans and policies.	5	

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

Cost			Score	For LMS WG only
1	Initial Cost	<b>5- Low:</b> \$0 to \$250,000 <b>3- Moderate:</b> \$251,000 to \$1 million <b>1- High:</b> More than \$1 million	1	
2	Maintenance /Operating Costs	<b>5- Lower costs:</b> Less than 5% per annum of the initial cost. <b>3- Moderate:</b> 5%-10% per annum of the initial cost. <b>1- High:</b> More than 10% per annum of the initial cost.	5	
3	Environmental Cost Impact	<b>5- Positive</b> effect on the environment. <b>3- No effect</b> <b>1- Adverse</b> effect on the environment.	3	
4	Financing Availability	<b>5- Good:</b> Readily available with grants and/or matching funds <b>3- Moderate:</b> Limited matching funds available <b>1- Poor:</b> No funding sources or matching funds identified	5	
5	Repetitive <u>FLOOD</u> damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	<b>5- High:</b> Corrects repetitive loss/severe repetitive loss <b>3- Medium:</b> Possible repetitive loss mitigation, but not documented. <b>1- Low:</b> Improves NFIP flood insured. <b>0-</b> 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: **\$2,200,000.00**

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How many people directly are affected by this project? **170,000**

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

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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)	\$12,305,100
2) Indirect Damages (loss of function)	\$105,000
4) Grant Consultant to manage reconstruction of 7 stations.	\$5,040,521.28
<b>Total Cost for Future Damages &amp; Associated Expenses:</b>	<b>\$68,047,037.28</b>

(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**

$$\frac{\text{DAMAGE COSTS: } (\$68,047,037.28)}{\text{divided by } \text{MITIGATION PROJECT \$: } (\$2,200,000)} = \text{BCA } 30.93$$

Site	Station 20	Station 22	Station 23	Station 71	Station 72	Station 73	Station 90
<b>Address</b>	4798 Davis Blvd 34104	4375 Bayshore drive 34112	6055 Collier Blvd 34114	100 13th st sw 34117	3820 Beck Blvd 34114	14565 Collier Blvd 34119	175 Capri Blvd 34113
<b>Lat Long</b>	26.13817/-81.75075	26.11293/-81.76994	26.04616/-81.70063	26.22809/-81.63242	26.15418/-81.68339	26.25238/-81.69010	25.98431/-81.72729
<b>Population served</b>	22,630	20,300	18,650	26,560	14,855	25,350	6,200
<b>Square Foot</b>	3825	8300	4050	10,064	9532	14024	4493
<b>Collier Construction cost</b>	\$932	\$932	\$932	\$932	\$932	\$932	\$932
<b>Structure Replacement</b>	\$3,564,900	\$7,735,600	\$3,774,600	\$9,379,648	\$8,883,824	\$13,070,368	\$4,187,476
<b>Non-Structural</b>							
<b>Engines</b>	\$730,000	\$1,460,000	\$730,000	\$1,460,000		\$1,460,000	\$730,000
<b>Ladder</b>					\$1,600,000		
<b>Attack</b>			\$210,000				
<b>Squad/Battalion</b>					\$120,000	\$120,000	
<b>Tender</b>	\$520,000			\$520,000			
<b>Brush</b>		\$430,000		\$430,000	\$430,000	\$430,000	
<b>Air/light</b>					\$320,000		
<b>SCBA compressor system</b>						\$60,000	
<b>Kitchen contnet</b>	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
<b>P.T. equipment</b>	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000
<b>I.T./radio/locution</b>	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000
<b>Gear washer</b>		\$11,000				\$22,000	
<b>Station equipment</b>	6,500	8,200	6,500	9,400	11,500	8,500	6,500
<b>Loss of use@180 days</b>	15,000	15,000	15,000	15,000	15,000	15,000	15,000
<b>TOTAL</b>	\$4,901,400	\$9,724,800	\$4,801,100	\$11,879,048	\$11,445,324	\$15,250,868	\$5,003,976
<b>Cost per station for doors</b>	303,246	303,246	265,705	353,787	265,705	303,246	163,623

**Attachment 2 to the March 24, 2023, Agenda/Minutes**

**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>NCH Downtown Entry Doors Replacement</b>				
<b>Project Location:</b>		NCH Downtown Hospital – 350 7 <sup>th</sup> st N, Naples, FL 34102				
<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>
			<b>X</b>			
Special Considerations or Impact Statement, if any: To better protect the campus to deter operational impacts, NHC is looking to replace all exterior doors with Level E hurricane impact rated doors. Operations on the first floor contain most critical services to maintain hospital operations.						
All-hazards: Doors would also increase facility hardening for security purposes. Doors on access control with Level # would eliminate forceable entry and glass breakage.						
<b>What Goal or Objective does this address (See Sec. 3.0, LMS)?</b>			G3-O 3.1, G3-O3.3, G1-O1.1			
<b>What hazard(s) does this project or initiative correct/mitigate?</b>			Flood and Tropical Cyclone			
<b>Who (what community) benefits from this project or initiative?</b>			Collier County Population and visitors			
<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>		The acquisition and installation of Level E hurricane impact rated doors. To be installed in at each entry point to the building. (14 doors in total)				
<b>Applicant and Responsible Agency:</b>		<b>NCH Healthcare System</b>				
Agency Contact Information						
<b>NAME Jennifer Smith</b>			E-Mail <a href="mailto:Jennifer.smith@nchmd.org">Jennifer.smith@nchmd.org</a>		PHONE 239-624-1528	
<b>Potential Funding Source(s)</b>		Hurricane Ian HMGP		<b>Estimated Cost</b>	<b>\$315,595.00</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.	<b>5</b>	
<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.	<b>5</b>	
<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.	<b>3</b>	
<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.	<b>5</b>	
<b>5</b>	Consistent with Existing Plans and Priorities.	<b>5- High:</b> Consistent with existing plans. <b>3- Medium:</b> Somewhat consistent. <b>1- Low:</b> Conflicts with existing plans and policies.	<b>5</b>	
<b>Risk</b>			<b>Score</b>	<b>For LMS WG only</b>
<b>1</b>	Scope of Benefits	<b>5- High:</b> Benefits all municipalities and unincorporated area directly	<b>5</b>	



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

Cost			Score	For LMS WG only
1	Initial Cost	<b>5- Low:</b> \$0 to \$250,000 <b>3- Moderate:</b> \$251,000 to \$1 million <b>1- High:</b> More than \$1 million	2	
2	Maintenance /Operating Costs	<b>5- Lower costs:</b> Less than 5% per annum of the initial cost. <b>3- Moderate:</b> 5%-10% per annum of the initial cost. <b>1- High:</b> More than 10% per annum of the initial cost.	5	
3	Environmental Cost Impact	<b>5- Positive</b> effect on the environment. <b>3- No effect</b> <b>1- Adverse</b> effect on the environment.	3	
4	Financing Availability	<b>5- Good:</b> Readily available with grants and/or matching funds <b>3- Moderate:</b> Limited matching funds available <b>1- Poor:</b> No funding sources or matching funds identified	5	
5	Repetitive <u>FLOOD</u> damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	<b>5- High:</b> Corrects repetitive loss/severe repetitive loss <b>3- Medium:</b> Possible repetitive loss mitigation, but not documented. <b>1- Low:</b> Improves NFIP flood insured. <b>0-</b> 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:     \$315,595.00    

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How many people directly are affected by this project? *Approx 5,000 NCH Employees, plus Collier County as a whole since NCH is a non-profit healthcare system servicing all of Collier and surrounding counties. (Collier County census 2020 – 375,752 not including seasonal influx).*

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

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Some possible costs are:

* Real Property Losses based on hazard mitigated:	<u>\$ 15M (5% of total value - \$292M)</u>
** Furnishing/Equipment Losses:	<u>\$ 5M</u>
** Alternate facility costs:	<u>\$ 1M</u>
** Contract/rental costs:	<u>\$ 1M</u>
** Other associated costs (list):	
_____	_____
_____	_____
_____	_____

**Total Cost for Future Damages & Associated Expenses: \$22M**

(NOTE: This figure should be detailed above.)

Statement to support above costs/losses:

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Hurricane Irma estimated damage costs - \$100,166 with additional damage due to historical storms. Hurricane Ian dame estimates were \$270,000. The above cost estimates are specific to the DNH campus only.

\*\* Majority of critical equipment is located on the first floor of the hospital – Radiology, Laboratory, ED, central supply, and dialysis. \*\*

\*\* Alternate facility costs would be to recreate off site lab and radiology services\*\*

\*\* Rentals – mobile radiology and lab services equipment trailers\*\*

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

DAMAGE COSTS:     (\$329,000,000)      
 divided by \_\_\_\_\_ = BCA     69.7      
 MITIGATION PROJECT \$:     (\$315,595.00)

**Attachment 3 to the March 24, 2023, Agenda/Minutes**

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**PART I**

<b>Project Title:</b>		<b>NCH North Entry Doors Replacement</b>					
<b>Project Location:</b>		NCH North Hospital – 11190 Health Park Blvd, Naples, FL					
<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: To better protect the campus to deter operational impacts, NCH is looking to replace all exterior doors with Level E hurricane impact rated doors. Operations on the first floor contain most critical services to maintain hospital operations.
							All-hazards: Doors would also increase facility hardening for security purposes. Doors on access control with Level # would eliminate forceable entry and glass breakage.
			<b>X</b>				
<b>What Goal or Objective does this address (See Sec. 3.0, LMS)?</b>						G3-O 3.1, G3-O3.3, G1-O1.1	
<b>What hazard(s) does this project or initiative correct/mitigate?</b>						Flood and Tropical Cyclone	
<b>Who (what community) benefits from this project or initiative?</b>						Collier County Population and visitors	
<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>		The acquisition and installation of Level E hurricane impact rated doors. To be installed in at each entry point to the building. (14 doors in total)					
<b>Applicant and Responsible Agency:</b>		<b>NCH Healthcare System</b>					
Agency Contact Information							
<b>NAME Jennifer Smith</b>			E-Mail <a href="mailto:Jennifer.smith@nchmd.org">Jennifer.smith@nchmd.org</a>			PHONE 239-624-1528	
<b>Potential Funding Source(s)</b>		Hurricane Ian HMGP			<b>Estimated Cost</b>	<b>\$315,595.00</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.	<b>5</b>	
<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.	<b>5</b>	
<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.	<b>3</b>	
<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.	<b>5</b>	
<b>5</b>	Consistent with Existing Plans and Priorities.	<b>5- High:</b> Consistent with existing plans. <b>3- Medium:</b> Somewhat consistent. <b>1- Low:</b> Conflicts with existing plans and policies.	<b>5</b>	

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

Cost			Score	For LMS WG only
1	Initial Cost	<b>5- Low:</b> \$0 to \$250,000 <b>3- Moderate:</b> \$251,000 to \$1 million <b>1- High:</b> More than \$1 million	2	
2	Maintenance /Operating Costs	<b>5- Lower costs:</b> Less than 5% per annum of the initial cost. <b>3- Moderate:</b> 5%-10% per annum of the initial cost. <b>1- High:</b> More than 10% per annum of the initial cost.	5	
3	Environmental Cost Impact	<b>5- Positive</b> effect on the environment. <b>3- No effect</b> <b>1- Adverse</b> effect on the environment.	3	
4	Financing Availability	<b>5- Good:</b> Readily available with grants and/or matching funds <b>3- Moderate:</b> Limited matching funds available <b>1- Poor:</b> No funding sources or matching funds identified	5	
5	Repetitive <u>FLOOD</u> damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses).	<b>5- High:</b> Corrects repetitive loss/severe repetitive loss <b>3- Medium:</b> Possible repetitive loss mitigation, but not documented. <b>1- Low:</b> Improves NFIP flood insured. <b>0-</b> 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: \$315,595.00

How many people directly are affected by this project? *Approx 5,000 NCH Employees, plus Collier County as a whole since NCH is a non-profit healthcare system servicing all of Collier and surrounding counties. (Collier County census 2020 – 375,752 not including seasonal influx).*

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS:

Some possible costs are:

* Real Property Losses based on hazard mitigated:	<u>\$ 8.2 M (7% of total value -\$138M)</u>
** Furnishing/Equipment Losses:	<u>\$ 5M</u>
** Alternate facility costs:	<u>\$ 1M</u>
** Contract/rental costs:	<u>\$ 1M</u>
** Other associated costs (list):	
_____	_____
_____	_____
_____	_____

**Total Cost for Future Damages & Associated Expenses: \$15.2M**

(NOTE: This figure should be detailed above.)

Statement to support above costs/losses:

Hurricane Irma estimated damage costs - \$100,166 with additional damage due to historical storms. Hurricane Ian estimates were \$328,000. The above cost estimates are specific to the NNH campus only.

\*\* Majority of critical equipment is located on the first floor of the hospital – Radiology, Laboratory, ED, OR, central supply, and cafeteria. \*\*

\*\* Alternate facility costs would be to recreate off site lab and radiology services\*\*

\*\* Rentals – mobile radiology and lab services equipment trailers\*\*

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

$$\frac{\text{DAMAGE COSTS: } (\$15,200,000)}{\text{divided by}} = \text{BCA } 48.1$$

$$\text{MITIGATION PROJECT \$: } (\$315,595.00)$$

## Attachment 4 to the March 24, 2023, Agenda/Minutes

### Regular Meeting Agenda

Collier County Local Mitigation Strategy (LMS) Working Group  
Conference Rooms A/B, South Regional Library  
8065 Lely Cultural Pkwy, Naples, FL  
34113  
0930hrs, January 20, 2023

#### 9. Approval of

- a. 10 November 2022 Regular Meeting Minutes – **Unanimously approved.**
- b. 2022 Project Priority List (PPL) and motion to approve any additional projects for annual recertification – **Unanimously approved.**

#### 10. Project(s) for Review:

- a. Breanne Yacono Project – **Project approved with amended scoresheet included within these draft minutes. Final project score 251.883. Project placed on PPL.**
  - 112 Pago Pago W, Naples, FL 34113 (Lot 227, Isles of Capri, No. 2, Collier County)
  - Residential Elevation Project
  - POC: Shanti Smith-Copeland | Email: shanti.smith-copeland@iParametrics.com | 850-443-3896
- b. Riverbend Mobile Home Park Sanitary Sewer Project – **Project not approved. Based on presentation, LMSWG had concerns about the validity of the proposed gravity system being a true mitigation project. Presenters also mentioned a low-pressure system, but no information was provided via the project scoresheet. Project was also presented with elevation of units as a factor for the need for the gravity system, but the Co-Op MHP had no consensus regarding collective elevation of all MHP units. LMSWG recommended that the Riverbend MHP Co-Op contact Florida Department of Environmental Protection to determine if project is feasible (regardless if considered mitigation or not) AND contact Florida Division of Emergency Management, Mitigation Bureau (contact info previously provided by LMSWG Chairperson) to determine if gravity or low-pressure system could be considered as mitigation. If yes for both, bring the updated project back to the LMSWG for future consideration.**
  - 777 Walkerbilt Road Naples FL 34110
  - POC: Dennis McCabe | denmccabe@gmail.com | 978-394-2373

#### 11. Quorum for meeting (In-Person): **Quorum achieved**

#### 12. Membership – **Two new members voted in. Michael Harris with Florida Forestry voted in as an alternate and Gabriel Torres with Collier Public Schools voted in as a primary.**

#### 13. Grant Opportunities –

- a. HMGP-
  - Hurricane IAN (DR-4673-FL)
    - HMGP Timeline attached
    - Tentative NOFA Open: Week of January 30, 2023
    - Tentative NOFA Close: Week of May 1, 2023

- Unknown County Allocation Estimate currently
- **Jurisdictions need to consider 404-Mitigation and 406-Public Assistance Consultants**
  - **For 404-Mitigation, homeowners must be sponsored by a local government entity or non-profit entity**
- 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

#### 14. LMS Update

- a. LMS update was approved by FEMA on May 7, 2020. The LMS expires on April 13, 2025.

#### 15. 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
  - **Unincorporated Collier County – Currently managing liaison services for FEMA Direct Housing Mission (Hurricane Ian), 50 percent rule permitting, and awaiting FEMA RISKMAP final product.**

- **Marco Island – Technical Appeal to RISKMAP has been adjust to different review type to help expedite final decision. No exact date yet on decision.**
- **City of Naples – Still working towards hiring a new floodplain coordinator.**

c. Wildfire News

- **Florida Forestry Service advised they are continuing to work on obtaining new grant monies for fire mitigation activities.**

d. Other News

- **LMSWG Chair advised group that annual LMS recertification is due 01/31/2023. Chair is finalizing Repetitive Loss Property reviews with jurisdictions. Final recertification report will then be transmitted to FDEM.**

16. Next regular meeting: **21 April 2023, 0930hrs, location TBD, OR future LMS Special Meetings will be called if required for Hurricane Ian HMGP opportunities.**

a. Meeting adjourned at **11:05am**

**ATTACHMENT(S)**

- 5) FDEM Hurricane IAN Mitigation Flyer (REMOVED)
- 6) FDEM Hurricane IAN HMGP Timeline (REMOVED)
- 7) PROJECT WORKSHEET FOR REVIEW: Breanne Yacono Project Scoresheet (REMOVED)
- 8) PROJECT WORKSHEET FOR REVIEW: Riverbend MHP Sanitary Sewer Project (REMOVED)
- 9) November 10, 2022, Collier LMSWG Regular Meeting Minutes (REMOVED)