

There are nine (9) projects that the City has been awarded grant funding for:

- **4337-034-R, Generator at Academic Village West** - this proposed hazard mitigation project is to purchase and install a generator at the Academic Village Charter School, which is located at 17189 Sheridan Street, Pembroke Pines, Florida 33331. The project is to increase the backup power capability from 350 kW to 1,000 kW by installing a multistage generator system. The school will serve as a staging area for first responders and electric utility personal before and after events.
- **4337-13-R, West Police Department Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden against wind damage the West Police Substation, located at 18400 Johnson Street, Pembroke Pines, FL 33029. The proposal is to replace and strengthen the roof to withstand wind speeds from a Category 5 Hurricane, to replace all 41 windows and doors with impact resistant glass, and to install a 300kW generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project will provide protection against a 500-year event.
- **4337-12-R, Fire Station 99 Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden against wind damage Fire Station 99, located at 16999 Pines Blvd, Pembroke Pines, FL 33023. The proposal is to replace and strengthen the roof and roof connections to withstand wind speeds from a Category 5 Hurricane, to replace all windows with impact resistant glass, replace all doors with stronger wind resistant products, to strengthen all window and door frames, replace the 8 bay doors with higher rated bay doors, and to install a 300kW generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project will provide protection against a 500-year event.
- **4337-11-R, Fire Station 79 Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden against wind damage Fire Station 79, located at 19900 Pines Blvd, Pembroke Pines, FL 33029. The proposal is to replace and strengthen the roof and roof connections to withstand wind speeds from a Category 5 Hurricane, to replace all windows with impact resistant glass, replace all doors with stronger wind resistant products, to strengthen all window and door frames, replace the 6 bay doors with higher rated bay doors, and to install a 300kW generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project will provide protection against a 500-year event.
- **4337-15-R, Fire Station 33 Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden fire station 33 located at 600 SW 72nd Avenue, Pembroke Pines, Florida 33023 by purchasing and installing impact resistant doors and windows, also upgrading the current small capacity generator to a 156 KVA generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project shall provide protection against a 177 MPH winds or the wind speed protection and impact requirements indicated by the effective Florida Building Code at the time permits are issued. The generator will be protected against a 500-year event.
- **4337-16-R, Fire Station 101-911 Call Center Hardening, Generator** - this

proposed hazard mitigation project is to install 300 KW generator back-up power supply, and also strengthen the roof of the fire station located at 6057 SW 198th Terrace, Pembroke Pines, Florida 33332. The project will provide protection against a 500-year event.

- **4337-17-R, Fire Station 89 Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden fire station 89 located at 13000 Pines Blvd, Pembroke Pines, Florida 33027 by purchasing and installing impact resistant doors and windows, strengthening the roof, and installing a 300 KW back-up generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project shall provide protection against a 175 MPH winds or the wind speed protection and impact requirements indicated by the effective Florida Building Code at the time permits are issued. The generator will be protected against a 500-year event.
- **4337-21-R, Fire Station 69 Hardening, Wind Retrofit & Generator** - this proposed hazard mitigation project is to harden fire station 69 located at 9500 Pines Blvd, Pembroke Pines, FL 33025 by purchasing and installing impact resistant doors and windows, and installing the 300 KW backup generator. Wind protections shall be provided on any other opening such as vents, louvers and exhaust fans. The project shall provide protection against a 176 MPH winds or the wind speed protection and impact requirements indicated by the effective Florida Building Code at the time permits are issued. The generator will be protected against a 500-year event.
- **4337-68-R, City Hall Industrial Kitchen & Great Hall Comfort Station, Generator** - this proposed hazard mitigation project is to purchase and install a 1,000 kW multistage generator system at the Broward County, City of Pembroke Pines-City Hall EOC located at 601 City Center Way, Pembroke Pines, Florida 33025. After installation of the generator, the City Hall will be able to provide food and shelter for first responders. The project will provide protection to flood against a 500-year event and will be protected against wind with a rated enclosure based on its location.

2. All activities shall be completed in strict compliance with Federal, State and Local applicable Rules and Regulations.

3. FEMA provides up to 75% of the funds for mitigation projects. The remaining 25% is required to be matched by the City.

4. The grant funding and the 25% City match dollar amounts for each project is as follows:

Project Number	Federal Fund 75%	City Match 25%	Total Project
4337-11-R	\$320,377.50	\$106,792.50	\$427,170.00
4337-12-R	\$314,370.00	\$104,790.00	\$419,160.00
4337-16-R	\$320,215.50	\$106,738.50	\$426,954.00
4337-13-R	\$332,887.50	\$110,962.50	\$443,850.00
4337-15-R	\$319,837.50	\$106,612.50	\$426,450.00
4337-17-R	\$152,820.00	\$60,940.00	\$213,760.00
4337-21-R	\$237,060.00	\$79,020.00	\$316,080.00
4337-34-R	\$779,250.00	\$259,750.00	\$1,039,000.00
4337-68-R	\$779,250.00	\$259,750.00	\$1,039,000.00

TOTAL: \$3,556,068.00 \$1,195,356.00 \$4,751,424.00

5. The term for each agreement begins upon execution by both parties and shall end on October 31, 2020, unless terminated earlier in accordance with Paragraph 17 of each agreement.

6. This is a cost-reimbursement agreement, subject to the availability of funds. The State of Florida's performance and obligation to pay under this agreement is contingent upon an annual appropriation by the Legislature, and subject to any modification in accordance with either Chapter 216, Florida Statutes, or the Florida Constitution. The FDEM will reimburse the City only for allowable costs incurred in the successful completion of each deliverable as outlined in each agreement.

7. Once the grants are accepted, the City shall procure the services of a qualified and licensed Florida contractor and execute a contract with the selected bidder to complete the scope of work as approved by the FDEM and FEMA. The City shall select the qualified, licensed Florida contractor in accordance with the City's procurement policy as well as all Federal and State Laws and Regulations. All procurement activities shall contain sufficient source documentation and be in accordance with all applicable regulations.

8. The City shall be responsible for furnishing or contracting all labor, materials, equipment, tools, transportation and supervision and for performing all work per sealed engineering designs and construction plans presented to FDEM by the City and subsequently approved by FDEM and FEMA.

9. Request Commission to accept the grant agreement between the Federal Emergency Management Agency (FEMA, The Florida Division of Emergency Management (FDEM) and the City of Pembroke Pines for a total of \$3,556,068 for the Hazard Mitigation Grant Program

FINANCIAL IMPACT DETAIL:

- a) **Initial Cost:** The total cost of all nine (9) projects is \$4,751,424. The total of the 25% City Match for all nine (9) projects is \$1,195,356.
- b) **Amount budgeted for this item in Account No:** New accounts will be created and funded upon City Commission approval.
- c) **Source of funding for difference, if not fully budgeted:** The City's estimated share of the cost (\$1,195,356) over the grant award period will be budgeted in the FY2019-20 General Fund Budget.
- d) **5 year projection of the operational cost of the project:** To be determined.
- e) **Detail of additional staff requirements:** Not Applicable.