

On June 27, 2017, Grants Administration in conjunction with Risk Management presented Board Item EE-3 to the School Board of Broward County, Florida referencing hurricane enhancements to Floranada Elementary School. Items of concern brought to staff's attention centered on aligning hurricane enhancement work with SMART Program upgrades, and a time line for completion of enhancement work. Staff withdrew this item until further research was completed in an effort to answer questions raised.

The School Board of Broward County, Florida is being asked to approve an agreement with the State of Florida, Division of Emergency Management on grant funding for Floranada Elementary School. This school has been designated as a public hurricane evacuation shelter per Broward County Emergency Management Agency. Grant funding will enable the School District to complete mitigation measures making Floranada Elementary a primary shelter. This hurricane shelter retrofit project will increase shelter capacity by 800 additional spaces for Broward County residents. The retrofit will relieve overcrowding at Arthur Ashe/Atlantic Vocational Center.

Inclusive of architectural and engineering cost, the scope of work entails installation of roof cages designed to protect rooftop heating, ventilation and air-conditioning (HVAC) equipment. These cages will be constructed to meet current wind load standards while allowing proper access for maintenance. The scope also includes installation of two interior roll down shutters (Miami Dade County approved product or equal) which will secure interior space when used as a shelter, tree trimming as needed as well as restoration repairs necessary for completion of this project. The total grant allotment is \$385,000 and the total project estimated cost is \$376,000. Cost estimates are based on current market conditions.

This is a cost reimbursement agreement in which the District will provide Florida Division of Emergency Management quarterly reports and a close-out report. Quarterly reports will provide a status and progress of work being completed. These reports are due no later than 30 days after the end of each quarter of the program year. A close out report will be completed 60 days after termination of this agreement.

A Project Manager from Risk Management, Capital Budget and our Design & Construction Department will collaborate to complete and forward quarterly reports to Florida Division of Emergency Management. These reports will document all deliverables related to scope of work along with documenting completion of each deliverable. An evaluation will be performed in reference to documentation provided by the District against performance measures outlined within the contract.

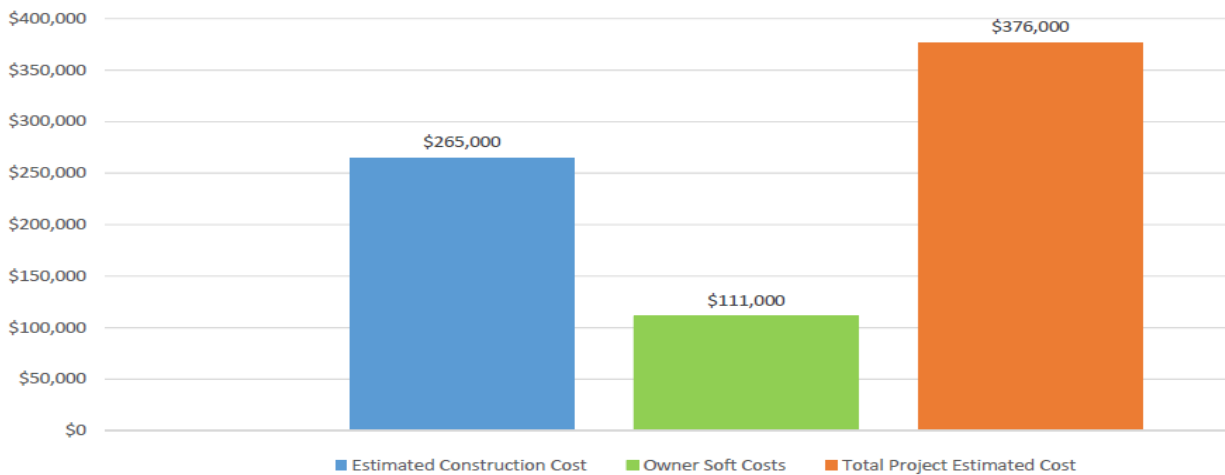
District funds currently allocated for work at Floranada Elementary School through our SMART Program are specifically for Heating Ventilation Air Conditioning (HVAC) and Building Envelope (roof, window, exterior walls, etc.) improvements. Grant improvement work will be completed simultaneously with SMART Program upgrades. All building envelope protection systems as well as products purchased and installed under this grant will meet wind load design requirements. The Risk Management Department coordinated with our Design & Construction Department to ensure the scope of work identified within this grant agreement is incorporated into this project design. The District anticipates construction to begin in December of 2018 with an estimated completion date of January 2020. In an effort to build in a contingency period beyond our anticipated completion date, Florida Division of Emergency Management has extended this grant through

March 31, 2020. Additionally, the District has an option of extending the grant completion date through modification of this funding agreement, per page 2, Section (5) of the agreement.

Project Timeline – Floranada Shelter Retrofit



Estimated Total Project Cost



Project Scope

- ✓ Cages for Roof Mounted Heating, Ventilation and Air-Conditioning
- ✓ Roll Down Shutters (2) for Interior Space
- ✓ Tree Trimming
- ✓ Miscellaneous Patching/Restoration

The District's Legal and Risk Management Department has consulted with Florida Division of Emergency Management in reference to contract wording. The District's Legal Department has reviewed and approved this agreement as to form and legal content.