



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 9/5/2023

**= Mandatory, information must be provided*

Click or tap the boxes to enter text. If not applicable, indicate "N/A".

***Title:**

Arizona Aerospace Foundation – 390th Bomber Memorial Museum Roof Upgrades

***Introduction/Background:**

The 390th Bomber Museum, a 501(c)3 nonprofit museum located on the grounds and sublessee of the Pima Air & Space Museum is requesting approval from the Board of Supervisors to proceed with the upgrade of an insulated roof surface over the existing roof of the museum facility. The existing roof surface is prone to leaking and in need of repair. The new surface is designed to add a waterproof surface with an R-30 insulation value which will greatly increase the facility's energy efficiency and reduce energy costs.

***Discussion:**

The management agreement between the Arizona Aerospace Foundation, Inc., operator of the Pima Air & Space Museum and Pima County approved October 1, 2019, Page 6, Section 6, Alterations and Improvements to Facility 6.1 states "Operator must obtain the consent of the County Board of Supervisors for Alterations costing more than \$200,000." The 390th Memorial Museum is a sublessee of the Arizona Aerospace Foundation and is subject to the provisions stated in the operating agreement regarding improvements. The cost of the proposed project is estimated to be \$342,735. Project improvements will be submitted for approval through Pima County Development Services.

***Conclusion:**

The 390th Bomber Memorial Museum is requesting consent approval from the Board of Supervisor to proceed with the project.

***Recommendation:**

The Attractions and Tourism Department recommends the approval of the Board of Supervisors for the improvements.

***Fiscal Impact:**

The project will be fully funded by the 390th Bomber Memorial Museum and at no cost to Pima County.

***Board of Supervisor District:**

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒ All

Department: Attractions & Tourism

Telephone: 520.724.7355

Contact: Diane Frisch

Telephone: 520.724.7353

Department Director Signature: _____

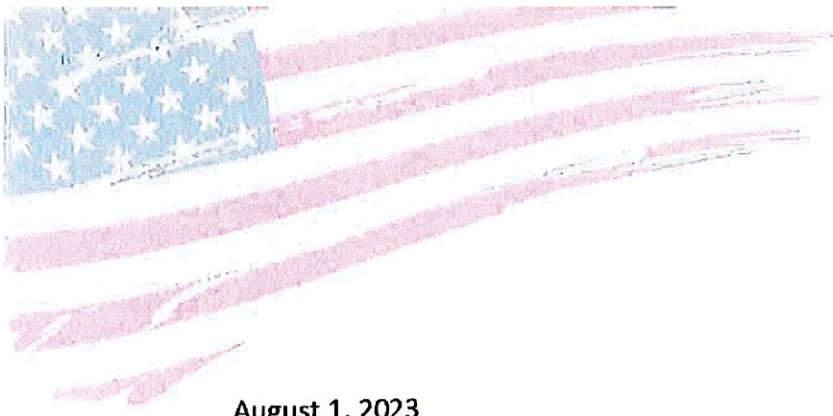
Date: _____

Deputy County Administrator Signature: _____

Date: _____

County Administrator Signature: _____

Date: _____



August 1, 2023

Pima County Board of Supervisors
130 West Congress Street
Tucson, AZ 85701

Dear Pima County Supervisors,

The 390th Memorial Museum respectfully requests permission from the Supervisors to proceed with the addition of an Insulated roof over the main area of the museum. The museum's existing sloped roof is comprised of overlapping steel plates. The roof is prone to leaking and is insulated only by thin bats of fiberglass on the inside ceiling. These metal panels and the old ceiling insulation will remain in place; no demolition will occur as part of this project.

Four inches of rigid, durable foam ISO insulation boards will be secured to the exterior of the metal roof to provide an additional R-30 or better thermal insulation to the building, reducing the energy consumption and improving the comfort for visitors to the museum. A white, waterproof 60 mil TPO reinforced membrane will then be adhered to the top of the insulation boards which will provide 20 years or more of waterproof protection for the museum building. The reflective white coating on the membrane will further insulate the museum from the intensity of the summer Sun. This commercial grade roofing system is widely used across southern Arizona as well as other southwest states, and it has proven to be durable and effective.

Staff and Board of the museum met with four roofing contractors during the information soliciting and bidding process, which began last fall. We obtained three bid proposals. After careful review, we have contracted with Global Roofing Group, with offices located in Tucson, to safely and professionally perform the work. Global presented the best overall proposal for the project. The total project contract with Global is \$342,735 and is fully funded by the museum. The museum's general contractor, CM Bowen, will oversee and monitor the performance of the Global Roofing team.

The 390th Memorial Museum is an Independent 501(c)(3) nonprofit museum located on the grounds of the Pima Air and Space Museum (PASM). Project work will be performed during daylight hours with close attention paid to assuring the safety of workers, PASM and 390th

6000 E Valencia Road, Tucson, AZ 85756 | 520.574.0287 | www.390th.org

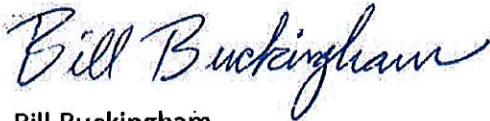
The 390th Memorial Museum Foundation is a non-profit 501(c)(3) organization, and all contributions are tax deductible. IRS #94-2764158

visitors, volunteers, and staff, as well as the protection of the aircraft parked near to the 390th Memorial Museum. Project safety planning will be closely coordinated with PASM leadership and safety staff. Global Roofing employees will clean the worksite at the end of each day. Scheduling of the construction will occur as soon as permission is granted by the Board of Supervisors.

This project is a very important part of a larger effort to improve conditions inside the museum in order to better preserve our artifacts, photographs, and documents from World War Two, and improve the comfort for volunteers and visitors. The museum was originally planned, developed, and constructed by veterans of the US Army Air Force's 390th Bombardment Group. The 390th flew 301 combat missions against Nazi Germany during the war. The mission of the museum is to serve as a memorial for all those veterans who served, particularly those who never came home, and educate future generations about their service, courage, and sacrifice.

Thank you for your consideration of our request.

Sincerely,

A handwritten signature in blue ink that reads "Bill Buckingham". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Bill Buckingham
Executive Director
390th Memorial Museum
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P: (520) 574-0287