



Interoffice Memorandum

March 7, 2017

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM: Carrie Woodell, Manager, Procurement Division

CONTACT: Terry Devitt, Assistant Director, Orange County Convention Center
407-685-9867

SUBJECT: Approval of Amendment No. 3, Contract Y16-807, Design Services for the Orange County Convention Center West Building Roof Repairs

ACTION REQUESTED

Approval of Amendment No. 3, Contract Y16-807, Design Services for the Orange County Convention Center West Building Roof Repairs with A/R/C Associates, Incorporated in the amount of \$152,403.40 for a revised contract amount of \$843,592.34.

PROCUREMENT

The purpose of this amendment is for additional design services required for removal and replacement of the storefront window system in order to make it compatible with the roof design and modified for code compliance and useful life. Field investigations were conducted during the design analysis phase of the project. The field investigations served to inform the design team of the exact materials in place, their condition, and if these materials were suitable to remain. The 30% Design Development Submission evaluated the findings from the field investigation and concluded that the building was not sufficiently insulated by current energy standards. A recommendation was made to add additional thermal insulation to increase the insulating level of the roof assembly. As a result of this recommendation, the existing storefront system is affected at multiple locations by the increase in insulation. The existing roof installation is neither desirable nor code compliant where the storefront meets the roof. Therefore, the storefront system and associated glass requires design modifications to accommodate this increase in insulation to meet code and energy standards. Also, the additional insulation required makes it necessary to raise the sill height of the storefront window system. The tempered glass cannot be cut in place and the framing system cannot be modified to meet the wind load in accordance with the Florida Building Code. Removal and replacement of the storefront system with new framing and glazing placed with the sill height at a higher elevation is the most ideal solution for the west building roofs. The original contract fee structure applies to this amendment.

Y16-807
Amendment No. 3
March 7, 2017

FUNDING

Funds are available in account number 4430 035 0966 26 6210.

DISCUSSION

The following are the previous contract actions:

Original Contract: Date: 8/25/2016 Amount: \$682,652.24

The contract provided design services for the Orange County Convention Center West Building Roof Repair. The scope included replacement of approximately 1,120,000 square feet of the west building roofs based on use life, material integrity and water intrusion. The contract was approved by the Board on April 26, 2016.

Amendment #1: Date: 11/4/16 Amount: \$8,536.70

Additional design services required for adding west building 12 roof replacement to the scope with additional time extension of 40 days.

Amendment #2: Date: 2/9/17 Amount: \$0

Extended the contract completion time to December 31, 2019 to allow time for construction administration services during construction of the project.