

## Metro Change Order 2 Summary

This CO consists of 9 Change Order Requests, 2 credits, 1 no cost and 6 added costs totaling \$193,724.02:

COR-7 - PCO 13, Reduction in cost due to required Zoning changes for site lighting. After Bidding we finalized several site plan verification comments that resulted in some required exterior lighting changes. The added and removed lights net cost was **a credit of \$1,168.**

COR-8 - PCO 19, Increase in cost for MFD requirement to keep sprinkler active during construction. Metro Buildings and Grounds needed to occupy a portion of Building 3829 throughout construction. Upon discussing this with Madison Fire and City Risk Management, it was required to keep the sprinkler active in this portion of the building throughout construction. The added cost for this out of scope work **was \$11,830.** This cost is significantly less than providing temporary offices and storage facilities.

COR-9 - PCO 12, Reduction in cost for plumbing piping insulation specification changes. Piping in non exposed areas was changed to allow fiberglass insulation without jacketing. The credit for this change **was \$3,020.**

COR-10 - PCO 1, Increase in cost for HVAC specification changes. Ductwork in "wet areas" or "corrosive areas" was modified to be aluminized and/or stainless steel. The cost for this change was **\$9,471.**

COR-11 - PCO 16, No cost change for minor HVAC specification changes. Changes were moving and resizing some ducts to account for existing conditions and adding some additional transfer grilles. **Cost was \$0.**

COR-12 - PCO 7, Increase in cost for Electrical specification changes. Access panels needed to be added in new ceiling so existing J-boxes can be accessed and code compliant. Additional cost is **\$1,974**

COR-13 -PCO 14, SIGNIFICANT (86% of this CO or **\$167,148**) increase in cost for missing bid item - Natural Gas Piping to support new HVAC and Plumbing systems. This was a missing bid item and missed in the rush to get this project out to bid on schedule. The Plumbing and Mechanical engineers each thought the other was doing the work. We discovered the information was missing from the plan set late in the bidding process and decided it would be best to handle it via a Change Order post award of contract. Without this piping installed we cannot complete the building project or get a certificate of occupancy as we would not have HVAC heating or domestic hot water.

COR-14 - PCO 24, Increase in cost for A/V specification change requested by City IT. Several different fiber management cabinets were requested by City IT. The contractor credited back the devices that were not going to be used anymore and itemized priced the new devices. The net cost was an increase **of \$2,991.**

COR-15 - PCO 25, Increase in cost for A/V specification change requested by City IT. An additional IT Cabinet was requested by Metro and City IT to support new devices that help

manage the bus fleet outside the building in the parking lot (“Smart Yard”). The cost was **\$4,498.**