

Date: 6-13-24

Region: 4C
FAC ID: WV002

CSS No.: 98068
Maximo WO No.: 15863

Asset #:

Priority: 1



Original Work Request:

This zone has a new condenser and there are other issues outside of the SOW that need addressed..3 actuators are not working (bypass, return, economizer); at least 2 HW reheat valves on VAVs are stuck open. A) economizer damper is bad, will not respond; b) 2 Rms have 100F+ discharge air out of VAV, showing heating valve is stuck open allowing HW to flow; c) unit is running and holding temps at the unit, causing rooms to overheat; d) unit will not go into economizer bc of bad actuators on AHU dampers. Recommended contractor: ARCOR

Description of Repairs Needed:

Repair regarding condenser issues (WV002, CSS 98068) include the following: replacement of two (2) actuators on the AHU and replacement of two (2) actuators on control valves for the VAVs. The actuators for the control valves are refurbished. This is because Landis & Gyr has gone out of business and these are the only actuators available. Exclusions: 1) Anything not included above; 2) Off shift work (normal hrs 6-2:30pm, M-F/6-4:30 M-T); 3) Control or programming needed through the controls company.

Labor:

| | Labor Hrs | Labor Rate | Total |
|-------------|-----------|------------|-------------|
| Tech (2) | 10 | \$ 126.81 | \$ 1,268.10 |
| Trip Charge | 1 | \$ 115.00 | \$ 115.00 |

Material List:

| | Quantity | Cost | Total |
|---|----------|-------------|-------------|
| Honey well M# M9185D1004 Actuators | 2 | \$ 3,065.58 | \$ 6,131.16 |
| Landis and Gyr Actuators - refurb | 2 | \$ 105.43 | \$ 210.86 |
| Misc Materials (couplings, shop supplies) | 1 | \$ 140.57 | \$ 140.57 |
| | | \$ | - |
| | | \$ | - |
| | | \$ | - |
| | | \$ | - |

Equipment List:

| | Quantity | Cost | Total |
|--|----------|------|-------|
| | | \$ | - |
| | | \$ | - |
| | | \$ | - |

PM WO History:

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Estimate Summary:

| Labor | Material | Equipment |
|------------|------------|-----------|
| \$1,383.10 | \$6,482.59 | \$0.00 |

| Sub Total | G&A 12% | Fee 6% | Total Estimate |
|------------|----------|----------|----------------|
| \$7,865.69 | \$943.88 | \$471.94 | \$9,281.51 |