

Date: 3-12-25

Region: 4C

FAC ID: WV002

FEMS/CSS No.: 99076

Maximo WO No.: 16874



Asset #: [Redacted]

Priority: 2

Original Work Request:

CMI has requested an additional ticket to cover an unforseen issue with CSS 98083 regarding additional equipment within this AHUs VAV boxes. There are VAV boxes and actuators that are end of life cycle within this zone that will become an issue. As found out in CSS 89880 when only 2 of the 3 VAVs were able to be idenfified due to temperatures of the inside vs outside not allowing ID of the VAVs in the offices. They all need replacing.

Description of Repairs Needed:

Remove and properly dispose of 29 existing Your VAVs with hot water reheats. Furnish and install 29 like model Trane VAV boxes with Trane controls, hot water coils and fused disconnect. Provide/install all necessary duct transitions, flex duct, hydronic piping,indulation, and electrical for the new hookups. Replace all building controls. Start up and check for proper operation. See Controls Scope on quote for additional work scope. Equipment lead time 10-12 weeks.

Labor:

| | Labor Hrs | Labor Rate | Total |
|----------|-----------|------------|--------------|
| Tech (2) | 533.33333 | \$ 112.50 | \$ 60,000.00 |
| | | | \$ - |
| | | | \$ - |

Material List:

| | Quantity | Cost | Total |
|---|----------|---------------|---------------|
| Materials (hydronic piping, ductwork, electric, insulation) | 1 | \$ 44,180.00 | \$ 44,180.00 |
| Casto Distech BAS Upgrades (see Controls Scope) | 1 | \$ 167,224.00 | \$ 167,224.00 |
| | | | \$ - |
| | | | \$ - |
| | | | \$ - |
| | | | \$ - |
| | | | \$ - |

Equipment List:

| | Quantity | Cost | Total |
|--|----------|--------------|--------------|
| Equipment (VAVs, BACnet Controls, HW coils, disconnects) | 1 | \$ 57,440.00 | \$ 57,440.00 |
| (See Quote) | | | \$ - |
| | | | \$ - |

PM WO History:

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Estimate Summary:

| Labor | Material | Equipment |
|-------------|--------------|-------------|
| \$60,000.00 | \$211,404.00 | \$57,440.00 |

| Sub Total | G&A 12% | Fee 6% | Total Estimate |
|--------------|-------------|-------------|----------------|
| \$328,844.00 | \$39,461.28 | \$19,730.64 | \$388,035.92 |