

Date: 7/20/2023

Region: 4C
FAC ID: WV002

CSS No.: 89898
Maximo WO No.: 13018

Asset #:

Priority: 2



Original Work Request:

Replace three 3-ton rooftop HVAC units that are at end of life cycle.

Description of Repairs Needed:

Furnish and install (3) Trane 3-ton condensing units and (3) Trane Horizontal Unit Ventilator with hot water coils. Existing refrigerant piping will be flushed and reused. The existing outside air ductwork will be hooked back up. Provide and install all necessary ductwork and electric for the new hookups. Crane and trucking by Casto. Start up and check for proper operation. Equipment lead time 20-26 weeks.

Labor:

| | Labor Hrs | Labor Rate | Total |
|------------------------------------|-----------|-------------|--------------|
| 2 Techs | 160 | \$ 112.50 | \$ 18,000.00 |
| Startup and Check Proper Operation | 1 | \$ 3,000.00 | \$ 3,000.00 |

Material List:

| | Quantity | Cost | Total |
|--|----------|--------------|--------------|
| Refrigeration line set, ductwork transitions, hydronic piping fittings, R410A refrigerant | 1 | \$ 15,000.00 | \$ 15,000.00 |
| Electrical -Misc liquid tight, rigid conduit disconnects, wire, fuses, liquid tight fittings | 1 | \$ 4,000.00 | \$ 4,000.00 |
| B&O Tax | 1 | \$ 1,800.00 | \$ 1,800.00 |
| | | | \$ - |

Equipment List:

| | Quantity | Cost | Total |
|--|----------|--------------|--------------|
| 3 Trane 3-ton condensing units and 3 Trane horizontal unit ventilators w hot water coils | 1 | \$ 44,920.00 | \$ 44,920.00 |
| crane | 1 | \$ 3,000.00 | \$ 3,000.00 |
| | | | \$ - |

PM WO History:

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Estimate Summary:

| Labor | Material | Equipment |
|-------------|-------------|-------------|
| \$21,000.00 | \$20,800.00 | \$47,920.00 |

| Sub Total | G&A 12% | Fee 6% | Total Estimate |
|-------------|-------------|------------|----------------|
| \$89,720.00 | \$10,766.40 | \$5,383.20 | \$105,869.60 |