

## Over and Above Estimate

**Region:** 5

**Location:** VA049

**CSS #:** 15401

**Asset#** 2324

**Maximo Work Order No.:** 5843

**Date Issued:** 9/6/18

**Original Description:** Distance Learning AC INOP

**Diagnosis:** While on site our tech Jim Alley found the system evaporator coil stopped up and the compressor is shorted to ground

**Repair Needed:** To remove and replace the above unit with a new Carrier 3-ton pump with electric heat system. Moore's will make all connections from the old unit to the new unit. This includes connecting to existing duct connections, refrigerant line connections, electrical connections from the new outdoor disconnect to the new unit and low voltage connections. A crane will be needing to set the new condenser on the roof with new support materials. Start, test, and ensure proper operation of the system.

### Non Pre-Priced Estimate:

Quantity	Line Item Number	Description	Labor Hours	Unit	Labor	Materials	Equipment	Total
1	N/A	3 TON 16 SEER GOODMAN HEAT PUMP AIR CONDITIONER SYSTEM GSZ160361	25	Ea.	\$2,000.00	\$3,180.00		\$5,180.00
1	N/A	Electrical KFCEH0501N05		Ea.		\$164.94		\$164.94
1	N/A	Ductwork and insulation	5	Ea.	\$400.00	\$702.34		\$1,102.34
1s	N/A	Drain and Overflow Safety s		Ea.		\$93.02		\$93.02

1	N/A	Refrigerant Flush	2	Ea.	\$160.00	\$193.19		\$353.19
1	N/A	Torch, Vacuum & Nitrogen	4	Ea.	\$320.00	\$121.64		\$441.64
1	N/A	Duct Lift		Ea.		\$214.65		\$214.65
1	N/A	1-20x20 Return Lay In		Ea.		\$127.33		\$127.33
1	N/A	Condenser Support Materials		Ea.		\$71.55		\$71.55
1	N/A	Permit		Ea.		\$273.48		\$273.48
1	N/A	Final Inspection		Ea.		\$150.00		\$150.00
1	N/A	S&H		Ea.		\$337.50		\$337.50
1	N/A	Truck Fee		Ea.			\$38.00	\$38.00
1	N/A	Crane		Ea.			\$636.00	\$636.00

*Note: RS Means (Pre-Priced) not used in compiling this estimate.*

*Note: Subcontractor quote attached.*

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment Cost	Total Cost	CE Factor	Total Estimate
36	\$2,880.00	\$5,629.64	\$674.00	\$9,183.64	106%	\$9,734.66

**Please see attached estimate**

**Note: THE LEAD TIME ON THE EQUIPMENT IS 7-10 BUSINESS DAYS.**

