

## Over and Above Estimate

**Region:** 5

**Location:** VA048

**CSS #:** 19110

**Maximo Work Order No.:** 8445

**Asset#:** 2299, 2300

**Date Issued:** 5/6/19

**Original Description:** Units not operating correctly

**Diagnosis:** MMUZJP09WAU1 Moore's will install a new Mitsubishi 9k 115v mini-split system. This includes connecting to the existing electrical circuit, refrigerant piping with a system flush and new fittings, slim duct covering, new drain line with condensate pump, new control voltage wire from the indoor to the outdoor unit. Pressure test line set and charge according to the manufacturers specifications. Start, test, and ensure proper operation of the system.

- Found remote, performed leak check and found leaking from evap coil

### Non Pre-Priced Estimate:

Quantity	Line Item Number	Description	Labor Hours	Unit	Labor	Materials	Equipment	Total
1		Materials (See attached estimate for line items)				\$2,958.40		\$2,958.40

*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
30 x \$120.00	\$3,600.00	\$2,958.40		\$6,558.40	102%	\$6,689.57

**Please see attached estimate**

**Note:**



P.O. Box 119 • Altavista, VA 24517 • 24 Hour Service: 800.789.7199 • Fax: 888.722.2712 • MooresElectric.com

## Proposal

October 8, 2019

Quotes are valid for 30 days.

International Support Group--  
1741 East Belt Blvd  
Richmond, VA 23224  
Email

CSS19110  
WO# 8445

Contact Name Jamie Merchant  
Telephone  
Cell Phone  
Fax Number

### DESCRIPTION OF EQUIPMENT:

**Room 207 Mini Split**  
**Mitsubishi 9,000 btu 115v M# MUH09TW S# 2000616**

### DESCRIPTION OF PROBLEM:

While on site our tech Jeremy Mayhew found the system low on refrigerant due to a leak in the evaporator.  
Due to systems age and overall condition a replacement is being recommended.

### DESCRIPTION OF REPAIRS:

#### MINI SPLIT CHANGE OUT --Quoted Equipment Mitsubishi 9,000 btu M# MMUZJP09WAU1

Moore's will install a new **Mitsubishi 9k 115v mini-split system**. This includes connecting to the existing electrical circuit, refrigerant piping with a system flush and new fittings, slim duct covering, new drain line with condensate pump, new control voltage wire from the indoor to the outdoor unit. Pressure test line set and charge according to the manufacturers specifications. Start, test, and ensure proper operation of the system.

\*\*\* UNIT COMES WITH A ONE YEAR PARTS AND LABOR WARRANTY AND FIVE YEAR COMPRESSOR PART WARRANTY.\*\*\*

\*\*\* There will be two men required due to our safety policy and amount of work needed.\*\*\*

NOTE: WORK CANNOT BEGIN UNTIL PERMITS HAVE BEEN ISSUED.

NOTE: EQUIPMENT LEAD TIME IS SUBJECT TO CHANGE BASED ON STOCK AVAILABILITY.

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

Exclusions:

- Any and all fire alarm wiring/connecting and/or coordination
- Engineering or drawings for permit and/or Structural load calculations
- Hazardous material testing, abatement or disposal • Thermostats
- Roof cutting or patching and/or structural modifications • Smoke detectors
- Temporary heating or cooling • Air test and balance • Overtime
- Any and all sprinkler pipe removal /installation

#### MATERIAL, EQUIP OR PARTS

	Quantity	Sell price
Equipment- <b>M# MMUZJP09WAU1</b>	1.00	\$ 1,200.42
Electrical- <b>Disco.-fuses-whip M# 6-34-6NM, M# 83317, (2)-M# FRNR10</b>	1.00	\$ 284.31
Drain & Condensate <b>Pump- M# ASP-ML-UNI</b>	1.00	\$ 189.54
Refrigerant Fittings & <b>Flush M# 4300-08</b>	1.00	\$ 157.95
Torch, Vacuum & Nitrogen	1.00	\$ 107.41
Support Materials- <b>Treated Wood M# 44082</b>	1.00	\$ 37.91
Slim Duct Covering <b>Kit M# SDK-100-W</b>	1.00	\$ 107.41
Control Wiring- <b>M# 6334R</b>	1.00	\$ 63.18
Permit	1.00	\$ 233.77
Final Inspection	1.00	\$ 379.08
S&H	1.00	\$ 126.36
<b>Incurred Materials ( Leak Detector)</b>	<b>1.00</b>	<b>\$ 71.08</b>
		\$ -
<b>Material Total</b>		<b>\$ 2,958.40</b>

#### LABOR ITEMIZED

			Labor
<b>Incurred Labor</b>	<b>6</b>	<b>\$ 120.00</b>	<b>\$ 720.00</b>
Labor - One Man	12	\$ 120.00	\$ 1,440.00
Labor - Second Man	12	\$ 120.00	\$ 1,440.00
		<b>Labor Total</b>	<b>\$ 3,600.00</b>

Thank you for your business. If you have any questions or concerns,  
please feel free to contact us via telephone or quotes@mooreselectric.com

<b>Materials</b>	<b>\$ 2,958.40</b>
<b>Labor</b>	<b>\$ 3,600.00</b>
<b>TOTAL</b>	<b>\$ 6,558.40</b>

Robert Lowery, Changeout Estimator 434-309-2591  
Amy Hockaday, Estimator 434-309-2569  
James Davis, Estimator 434-309-2568  
Adam Barker, Estimator 434-369-3514  
Jared Underwood, Estimator 434-306-2446

Approved by: \_\_\_\_\_

#### Standard Terms and Conditions

Payments past 30 days are subject to 1.5% monthly service charge on unpaid balance. Additional charges for payments made through credit cards may apply. Late payments sent to collections or legal process the purchaser agrees to pay all costs, expenses, and reasonable attorney fees.

CERTIFICATION OF WORK

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: VA 048 Date of Visit: 7 Oct 2019  
Contractor Personnel on Site:

1. Jeremy G 2. Mike C

Work Performed:

Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. WO# \_\_\_\_\_

Service Calls - Service Call Number and Description

1. CSS# 20969 New blower & Belt, Filters  
2. CSS# 19110 Change out Proposal  
3. CSS# 21124 (Room 204B) Change out quote approved

Change Blower & Filters

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jeremy Date: 10/7/19

Signed: 

To be signed by Facility Manager:

I certify that the above named individuals representing the Contractor arrived on site and to the best of my knowledge, completed the stated work listed:

Print Name/Rank: Scott Greiner RFOs Date: 7 Oct 2019

Signed: 

E-Mail: \_\_\_\_\_

