

Over and Above Estimate

Region: 5

Location: VA009

CSS #: 16717

Maximo Work Order No.: 6849

Asset#: NA

Date Issued: 1/9/19

Original Description: While on site our tech Doug Eby found the unit has a failed control board. The parts are no longer available. Therefore a replacement is required.

Diagnosis: To remove and replace the above unit with a new LG 12,000btu mini split wall mounted system. Moore's will make all connections from the old unit to the new unit. This includes connecting to existing electrical connections from the new disconnect to the new unit, low voltage connections, including running new refrigerant lines and drain line with condensate pump. 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		LG 12k 120v Inverter M# LSN120HSV5 Condenser				\$1,069.01		\$1,069.01
1		LG 12k 120v Inverter M# LSU120HSV5 Wall Unit				\$660.32		\$660.32

1		Disconnect M# D221NRB				\$72.50		\$72.50
1		Fuses M# ECNR30				\$34.29		\$34.29
1		Elec. Whip M# 6-34- 6NM				\$41.09		\$41.09
1		50' Comm. Wire M# 6332B				\$80.85		\$80.85
1		Disconnect Whip M#6- 12-6NMSP				\$13.18		\$13.18
1		Weatherproof Outlet Cover M# MG420C				\$33.07		\$33.07
1		GFCI Outlet M# GFRST15W3Z				\$56.41		\$56.41
1		Condensate Pump M# ASP-MA-UNIT				\$178.08		\$178.08
1		50' Refrigerant Piping M# D61020500B3B6				\$190.80		\$190.80
1		Torch, Vacuum & Nitrogen FEE				\$108.12		\$108.12
1		Slim Duct Kit M# SDK- 100-W				\$103.03		\$103.03

1		EPDM Adhesive M# EPDM-LG-BA10-1				\$58.70		\$58.70
1		EPDM Flashing Boot M# 309991-43				\$53.84		\$53.84
1		Sealant M# Sonolastic- 150W				\$15.68		\$15.68
1		PVC Glue & Primer Part # 89255				\$16.40		\$16.40
1		6" PVC SCH 40 45 Degree M# PVC003261400				\$47.85		\$47.85
1		6" PVC Pipe SCH 40 M# PVC 046000600				\$11.42		\$11.42
1		Permit				\$699.60		\$699.60
1		Final Inspection Fee				\$300.00		\$300.00
1		Shipping				\$95.40		\$95.40
1		Truck Fee				\$55.00		\$55.00

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
2x\$120.00= \$240.00 (Incurred) 1 st man- 14 x \$120= \$1,680.00 2 nd man- 14 x \$120= \$1,680.00	\$3,600	\$3,954.85		\$7,554.85	102%	\$7,705.95- 250(CM Credit)= 7,455.85

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

March 15, 2019

Quotes are valid for 30 days.

International Support Group- VA009
3502 Bennet Creek Park Rd
Suffolk, VA 23345
Email tcraig@internationalsupportgroup.com

Contact Name Troy Craig
Telephone 804-585-5211
Cell Phone 954-900-1095
Fax Number

DESCRIPTION OF EQUIPMENT:

Server Room Mini Split
Enviromaster International-(1997 Unit)
M# WHP12A050AA000A S# 1-97-J-2718-37

DESCRIPTION OF PROBLEM:

While on site our tech Doug Eby found the unit has a failed control board. The parts are no longer available. Therefore a replcement is required.

DESCRIPTION OF REPAIRS:

To remove and replace the above unit with a new **LG 12,000btu mini split wall mounted system**. Moore's will make all connections from the old unit to the new unit. This includes connecting to existing electrical connections from the new disconnect to the new unit, low voltage connections, including running new refrigerant lines and drain line with condensate pump. 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 on this job due to our safety policy and the amount of work needed.***

NOTE: WORK CANNOT BEGIN UNTIL PERMIT HAS 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.

NOTE: EQUIPMENT BRAND IS LG AND MODEL # LSN120HSV5 & #LSU120HSV5

Exclusions:

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

MATERIAL, EQUIP OR PARTS

	Quantity		Sell price
LG 12k 120v Inverter M# LSN120HSV5 Condenser	1.00	\$	1,069.01
LG 12k 120v Inverter M# LSU120HSV5 Wall Unit	1.00	\$	660.32
Disconnect M# D221NRB	1.00	\$	72.50
Fuses M# ECNR30	2.00	\$	34.29
Elec. Whip M# 6-34-6NM	1.00	\$	41.09
50' Comm. Wire M# 6332B	1.00	\$	80.85
Disconnect Whip M#6-12-6NMSP	1.00	\$	13.18
Weatherproof Outlet Cover M# MG420C	1.00	\$	33.07
GFCI Outlet M# GFRST15W3Z	1.00	\$	56.41
Condensate Pump M# ASP-MA-UNIT	1.00	\$	178.08
50' Refrigerant Piping M# D61020500B3B6	1.00	\$	190.80
Torch, Vacuum & Nitrogen FEE	1.00	\$	108.12
Slim Duct Kit M# SDK-100-W	1.00	\$	103.03
EPDM Adhesive M# EPDM-LG-BA10-1	1.00	\$	58.70
EPDM Flashing Boot M# 309991-43	1.00	\$	53.84
Sealant M# Sonolastic-150W	1.00	\$	15.68
PVC Glue & Primer Part # 89255	1.00	\$	16.40
6" PVC SCH 40 45 Degree M# PVC003261400	2.00	\$	47.85
6" PVC Pipe SCH 40 M# PVC 046000600	1.00	\$	11.42
Permit	1.00	\$	699.60
Final Inspection Fee	1.00	\$	300.00
S&H	1.00	\$	95.40
Truck Fee	1.00	\$	55.00
Material Total		\$	3,954.85

LABOR ITEMIZED

		Rate	Price	Labor
Incurred Labor	2	\$ 120.00	\$	240.00
Labor - One Man	14	\$ 120.00	\$	1,680.00
Labor - Second Man	14	\$ 120.00	\$	1,680.00
Labor Total		\$	\$	3,600.00

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

Materials	\$	3,954.85
Labor	\$	3,600.00
TOTAL	\$	7,554.85

*This does not include
original call cost.*

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: VA049

Date of Visit: 1/28/19

Contractor Personnel on Site:

1. DOUGLAS EBY 2. _____

Work Performed:

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

1. WO# NONE

Service Calls – Service Call Number and Description

1. CSS# 16717
2. CSS# _____
3. CSS# _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: DOUGLAS EBY Date: 1/28/2019




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: SFC St. Myer Date: 1/28/2019



Signed: _____

QUOTATION

Southern Refrigeration Corporation
1620 Wythe Rd.
Lynchburg, VA 24501
434-846-6028

Order Number	
1596587	
Order Date	Page
1/30/2019 16:21:05	1 of 1

Quote Expires On 3/1/2019

Bill To:

MOORE'S ELECTRIC
PO BOX 119
ALTAVISTA , VA 24517
US

Ship To:

MOORE'S ELECTRIC
101 EDGEWOOD AVE
ALTAVISTA , VA 24517
US

Requested By: ROBERT LOWERY

Customer ID: 13336

PO Number					Taker				
ISG VA 009					MMOORE				

Quantities					Item ID	Pricing	Unit	Extended
Ordered	Allocated	Remaining	UOM	Disp.	Item Description			
1	0	1	EA		LSU120HSV5 LG 12K STANDARD OUTDOOR UNIT USE WITH LAN AND LSN	EA	840.42	840.42
1	0	1	EA		LSN120HSV5 LG 12K STANDARD WALL CAN BE USED FOR SINGLE OR MULTI ZONE	EA	519.12	519.12
1	0	1	EA		ASP-MW-UNI ASPEN MINI WHITE PUMP 115-230 Surface mount. Installs exposed below evaporator.	EA	134.33	134.33
1	0	1	EA		D40620500B3B6 1/2W 3/8 SL X 1/4 LL 50 FT	EA	124.37	124.37

Total Lines: 4

SUB-TOTAL: 1,618.24
TAX: 85.76
AMOUNT DUE: 1,704.00
U.S. Dollars

ANSI/UL 1995
95985 CERTIFIED TO
CAN/CSA C22.2 NO. 236



FAN COIL UNIT

* ROME, NEW YORK, U. S. A. *

MODEL NO.: WHP12A050AA000A

FAN MOTOR FLA: 0.64

ELECTRIC HEATER AMPS:

MINIMUM CIRCUIT AMPACITY: 0.8

REFRIGERANT R-22 CHARGE: 0Z

VOLTS 115 Hz 60 PH 1

FAN MOTOR HP: 0.03

TOTAL AMPS: .64

MINIMUM VOLTAGE: 104

MAX TIME DELAY FUSE OR HACR CIRCUIT BREAKER SIZE: 15 A

SN: 1-97-J-2718-37

DESIGN PRESSURE

PSIG HIGH SIDE: 300

PSIG LOW SIDE: 150



WHP12A050AA000A