

### Over and Above Estimate

**Region: 5**

**Location: VA049**

**CSS #: 14320**

**Maximo Work Order No.: 5270**

**Asset#: NA**

**Date Issued: 08/10/18**

**Original Description: A/C INOP**

**Diagnosis:**

Need to replace mini split located in the motor pool offices.

**Non Pre-Priced Estimate:**

Quantity	Line Item Number	Description	Labor Hours	Unit	Labor	Materials	Equipment	Total
1		Equipment				\$1,272.00		\$1,272.00
1		Electrical				\$318.00		\$318.00
1		Drain/Condensate				\$178.08		\$178.08
1		Refrigerant Piping				\$190.80		\$190.80

1		Torch/Vacuum/Nitrogen			\$108.12		\$108.12
1		Slim Duct Covering			\$95.40		\$95.40
1		Roofing Material			\$178.08		\$178.08
1		Permit			\$699.60		\$699.60
1		Final Inspection			\$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
2 Men at 14 hours each x \$120.00= \$3,360.00	\$3,360.00	\$3,490.48		\$6,850.48	102%	\$6,987.49

**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

November 1, 2018

*Quotes are valid for 30 days.*

International Support Group  
6700 Strathmore Rd.  
North Chesterfield, VA 23237  
Email [tcraig@internationalsupportgroup.com](mailto:tcraig@internationalsupportgroup.com)

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

**PO # 14320**

### DESCRIPTION OF EQUIPMENT:

Motor Pool -Mitsubishi 9,000btu Ductless Mini Split  
M# MS09NW S# N/A

### DESCRIPTION OF PROBLEM:

While on site our tech Sean Watson found the unit has a bad compressor. Due to overall condition of the system a replacement is recommended.

### DESCRIPTION OF REPAIRS:

To remove and replace the above unit with a new LG 9,000btu 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: EQUIPMENT BRAND IS LG AND MODEL # LSU120HEV1 & #LSN120HEV1

NOTE: WORK CONNOT 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.

#### 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
Equipment	1.00	\$ 1,272.00
Electrical	1.00	\$ 318.00
Drain & Condensate Pump	1.00	\$ 178.08
Refrigerant Piping	1.00	\$ 190.80
Torch, Vacuum & Nitrogen	1.00	\$ 108.12
Slim Duct Covering	1.00	\$ 95.40
Roofing Materials	1.00	\$ 178.08
Permit	1.00	\$ 699.60
Final Inspection	1.00	\$ 300.00
S&H	1.00	\$ 95.40
Truck Fee	1.00	\$ 55.00
<b>Material Total</b>	\$	<b>3,490.48</b>

### LABOR ITEMIZED

	Rate	Price
Labor - One Man	\$ -	\$ -
Labor - Second Man	\$ 120.00	\$ 1,680.00
<b>Labor Total</b>	\$ 120.00	<b>\$ 1,680.00</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](mailto:quotes@mooreselectric.com)

Materials	\$ 3,490.48
Labor	\$ 3,360.00
<b>TOTAL</b>	<b>\$ 6,850.48</b>

*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: VA49 Motor pool

Date of Visit: 8-15-18

Contractor Personnel on Site:

1. Sean Watson

2. \_\_\_\_\_

**Work Performed:**

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

1. WO# 5270

**Service Calls** - Service Call Number and Description

1. CSS# 14320 checked mini split A/C in  
2. CSS# motor pool unit # 1 compressor  
3. CSS# Back need to change out unit

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CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Sean Watson Date: 8-15-18  
Signed: Sean Watson

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: Sean, Miles/KIV Date: 20180815  
Signed: Sean Miles  
E-Mail: Sean.w.Miles41.civ@mail.mil

Model MU09NW

Unit, Indoor Unit - MU09NW

UNIT SUPPLY VOLTS PHASE 115 1 60

APPROVED FOR HACR BREAKERS

MAX. FUSE 15<sup>1</sup>/2 AMPS

FAN MOTOR

VOLTS PHASE 115 1

COMPRESSOR 115/120

REFRIGERANT R-22

FACTORY CHARGED 2 LBS. 2 OZ.

IF THE LIQUID LINE EXCEEDS 25 FT. PLUS 0.53 OZ.

PER ADDITIONAL 5 FT. LIQUID LINE

INSTALLER TO MARK TOTAL CHARGE

DESIGN PRESSURES PSIG 300 HI SIDE

185 LO SIDE

NOT SUITABLE FOR OUTDOOR INSTALLATION

WEIGHT 64 LBS

SERIAL NO. 6000730



GENERAL  
ANSI/UL  
STANDARDS  
C22.2  
N.0.2



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SKU: **LSN120HEV1** Brand: **LG** (6)

< Individual Indoor or Outdoor Units

## **12,000 BTU Mega Single Zone Inverter Air Conditioner/Heat Pump (Indoor Unit)**



**\$359.95** each

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## **Description**

This is an indoor unit only. Outdoor unit (LSU120HSV5) must be purchased separately.

This LG unit may qualify for a tax credit or rebate in your area. Search your zip code in the link below for information about rebate programs that apply to you.

[LG Rebates and Incentives](#)

[Please see warranty information below.](#)

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HOME / LG LSU120HEV1 12000 BTU MEGA SERIES OUTDOOR UNIT



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Usually Leaves Warehouse in 2 - 4 Business Days

SKU: LG-LSU120HEV1

**\$629.00**

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[DESCRIPTION](#)

[TECH SPECS](#)

[WARRANTY INFORMATION](#)

[MANUALS AND GUIDES](#)

**THIS IS THE OUTDOOR UNIT ONLY. PLEASE SEE [LS120HEV1](#) FOR THE FULL SYSTEM (INCLUDING THE INDOOR AND OUTDOOR UNITS).**

Along with the standard benefits of a duct-free mini-split system, this new line of single zone ductless systems, by LG, features energy saving inverter technology. With inverter technology you not only get the comfort level in the room you choose via wireless remote control, you also get a vari

