

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

Contact Name
Telephone
Cell Phone
Fax Number

Troy Craig
804-585-5211
954-900-1095

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 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.

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
Material Total		\$	3,490.48

LABOR ITEMIZED

	Rate	Price	Labor
	\$ -	\$	-
Labor - One Man 14	\$ 120.00	\$	1,680.00
Labor - Second Man 14	\$ 120.00	\$	1,680.00
Labor Total		\$	3,360.00

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	\$	3,490.48
Labor	\$	3,360.00
TOTAL	\$	6,850.48

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: V449 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# Bad need to change out unit

CERTIFICATION OF WORK

To be signed by the Contractor:

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

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:

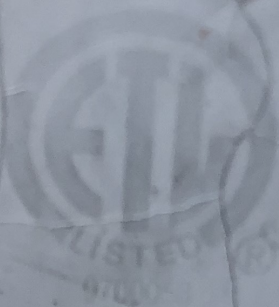
Print Name/Rank: Sean Miles/CIV Date: 20180815

Signed: Sean Miles

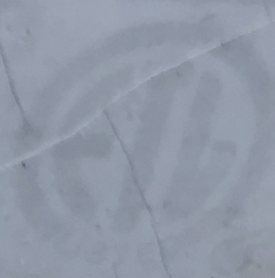
E-Mail: Sean.W.Miles4.civ@mail.mil

CONDENSING UNIT

Performance
Rendement
Energétique



CONFORMS TO
ANSI/UL STD. 254
ELECTRIC TO
CAN/CSA STD.
C22.2 NO. 38

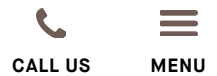


MODEL **MU09NW**

INDOOR UNIT **MS09NW**

UNIT SUPPLY	VOLTS	PHASE	Hz	MAX. VOLTAGE	120
APPROVED FOR HACR BREAKERS	115	1	60	MIN. VOLTAGE	103
MAX. FUSE	15	AMPS		ON TIME DELAY	10
FAN MOTOR	VOLTS	PHASE	Hz	MIN. CIRCUIT AMPACITY	14
	115	1	60		
COMPRESSOR	VOLTS	PHASE	Hz	FLA	W (OUTPUT)
REFRIGERANT R-22	115/120	1	60	0.66	23
				RLA	
				10	37

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 LBS. OZ.
DESIGN PRESSURES PSIG 300 HI SIDE
185 LO SIDE
SUITABLE FOR OUTDOOR INSTALLATION
WEIGHT 64 LBS
SERIAL NO. 300



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SKU: LSN120HEV1Brand: 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.

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QTY.

1

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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 variety of



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