



P.O. BOX 119 • ALTA VISTA, VA 24517  
Moore's Electrical & Mechanical Construction, Inc.

SERVICE INVOICE: 525613

**BILL TO:**  
TIDEW003  
TIDEWATER, INC  
6625 SELNICK DRIVE SUITE A  
ELKRIDGE, MD 21075

**SHIP TO:**  
8235893  
USARC VA050 N CHESTERFIELD  
6002 STRATHMORE ROAD  
NORTH CHESTERFIELD, VA 23232

INVOICE DATE	CUSTOMER PO	PAYMENT TERMS	REFERENCE #	WORKORDER #	CONTRACT ID
04/06/2022	15137	Due in 30 Days		COM0171075	

  

Pages 1 of 2					
ITEM ID	DESCRIPTION	QTY	SERV DATE	UNIT PRICE	EXT PRICE
CMISCX-QUOTED CO AMOUNT	TOTAL QUOTED AMOUNT DUE	1.00		5,348.00	5,348.00

QUOTE APPROVED: \$ 5348.00

Tech: CHARLES MURPHY: Site Start - 3/8/2022

Traveled to pick up materials from Richmond office. Traveled to site. Performed demo of existing heater and associated piping back to existing valves in existing mechanical room. Provided new support hangers for new heater to be installed. Hung new heater and installed new piping to new heater. Restored service and checked for leaks (no leaks present). Electrician will make a return visit to install new breaker and provide power.

Went to Ferguson this morning got the heater went to site got let in site went to install the new heater to realize we need to have all kinds of steam pipe stuff and new wire run to a unit that was only steam fed with no power to the unit the new one need 460 so made some calls and decided to go we a electric heater and called Ferguson to see if they will take unit back waiting on a call back from them let the unit at the Richmond office and once I here from Ferguson I will let them know what to do

Tech: BRANDON HOLSINGER, Date: 2/25/22 - Installed new raceway from panel to the new heater to be added.

6' of liquid tight from the box is waiting with wire in it to be wired to new heater when installed. The 2 pole 20 amp breaker in the panel was left off and the wires capped near the location of the heater.

Tech: BRANDON HOLSINGER, Date: 3/9/22 - After the heater was installed it was then known the breaker needed was a 3 pole 20 amp. i went to site to install the new breaker and wire the heater up.

Tech: BRANDON HOLSINGER, Date: 3/1/22 - went back to site to get the COW sheet signed

Tech: DAVID REHBEIN, Date: 2/25/22 - Assisted Brandon with installing new conduit, wiring, and breaker for new heater

February 17 2022 went to Ferguson picked up heater went to site met with are contact for us in started taking heater apart then open new heater up and was different it need power old one was straight steam so had to I requoted so packed up took unit back to Richmond office and head home

Paul Markham 2/17/22 arrived on site located heater found heater would not work talked to earl. And had Charles come out and look at running elec for new heater we will return when problem is taken care of and know what they want to do to make the heater work



ELECTRICAL & MECHANICAL  
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04/06/2022	15137	Due in 30 Days		COM0171075	

For questions regarding commercial invoices please contact our Accounts Receivable Department at 434-309-2480. Past 30 Days invoices are subject to 1.5% monthly interest charge. Additional charges for payments made by credit card may apply. We accept VISA, Master Card, Discover and American Express. Late payments sent to collections or legal process will also result in additional charges.

Sales Total	5,348.00
Disc.	0.00
Tax Total	0.00
<b>Net Amount Due</b>	<b>\$5,348.00</b>



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Lynchburg, VA • Richmond, VA • Raleigh, NC • Charlotte, NC

P.O. Box 119 • Altavista, VA • 800.789.7199 • service@mooreselectric.com

Billing Address	Site Address
<b>Customer:</b> TIDEWATER, INC <b>Address:</b> 6625 SELNICK DRIVE <b>Phone:</b> ELKRIDGE MD 21075 614-623-9569	<b>Customer:</b> USARC VA050 N CHESTERFIELD <b>Address:</b> 6002 STRATHMORE ROAD <b>Phone:</b> NORTH CHESTERFIELD VA 23232 410-688-0142
<b>Service Call #:</b> COM0171075	<b>Call Type:</b> COM-COUTS

#### Service Requested

1.14.22 RL Revised heater quote for boiler room and sent over.

1.18.22 RL CO approved \$ 5348.00

Two techs 10 hrs each

Boiler Room - Stream Heater (1986 unit)

Trane M# UHSA-060S-8C-AAC S# D86K00606

Moore's will remove and install a new Modine hanging steam heater of equal size and capacity.

This includes connecting to the existing electrical circuit, controls and water lines with new fittings.

Start test and insure proper operation of the unit.

\*\*\*QUOTED EQUIP. Modine M# MHSB63SB05SA 63K steam heater\*\*\*

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

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

NOTE: THE ESTIMATED SHIPPING TIME ON THE EQUIPMENT IS 5-6 WEEKS.

NOTE: WORK IS TO BE DONE DURING NORMAL BUSINESS HOURS.

NOTE: QUOTE IS ONLY VALID FOR 14 DAYS.

NOTE: Customer is responsible for all non-returnable items and/or restocking charges that apply should the quote be cancelled by the customer, or the scope of work changes in anyway after Moore's has received approval.

Exclusions:

- 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
- All sprinkler pipe removal /installation •GFCI Outlets
- Annunciators/strobes or key switch boxes and wiring

#### Problems

Description	Tech	Equip. Desc and Model	Manufacturer	Equip. Serial	Asset ID
HVAC Unit replacement	NEALMUSANT				

HVAC Unit replacement	CHARMURPHY				
HVAC Unit replacement	ADRIHOGAN				
HVAC Unit replacement	BRAHOLSING				
HVAC Unit replacement	DAVREHBEIN				
HVAC Unit replacement	PETELANGST				
HVAC Unit replacement	KEVINDOVE				
HVAC Unit replacement	PAULMARKHA				

### Tech Notes

Tech: CHARLES MURPHY: Site Start - 3/8/2022 7:00 AM

Traveled to pick up materials from Richmond office. Traveled to site. Performed demo of existing heater and associated piping back to existing valves in existing mechanical room. Provided new support hangers for new heater to be installed. Hung new heater and installed new piping to new heater. Restored service and checked for leaks (no leaks present). Electrician will make a return visit to install new breaker and provide power.

Tech: CHARLES MURPHY: Site Stop - 3/8/2022 4:30 PM

Went to Ferguson this morning got the heater went to site got let in site went to install the new heater to realize we need to have all kinds of steam pipe stuff and new wire run to a unit that was only steam fed with no power to the unit the new one need 460 so made some calls and decided to go we a electric heater and called Ferguson to see if they will take unit back waiting on a call back from them let the unit at the Richmond office and once I here from Ferguson I will let them know what to do

Tech: BRANDON HOLSINGER, Date: 2/25/22 12:16 PM - Installed new raceway from panel to the new heater to be added.

6' of liquid tight from the box is waiting with wire in it to be wired to new heater when installed. The 2 pole 20 amp breaker in the panel was left off and the wires capped near the location of the heater.

Tech: BRANDON HOLSINGER, Date: 3/9/22 10:16 AM - After the heater was installed it was then known the breaker needed was a 3 pole 20 amp. i went to site to install the new breaker and wire the heater up.

Tech: BRANDON HOLSINGER, Date: 3/1/22 2:15 PM - went back to site to get the COW sheet signed

Tech: DAVID REHBEIN, Date: 2/25/22 11:44 AM - Assisted Brandon with installing new conduit, wiring, and breaker for new heater

February 17 2022 went to Ferguson picked up heater went to site met with are contact for us in started taking heater apart then open new heater up and was different it need power old one was straight steam so had to I requoted so packed up took unit back to Richmond office and head home

Paul Markham 2/17/22 arrived on site located heater found heater would not work talked to earl. And had Charles come out and look at running elec for new heater we will return when problem is taken care of and know what they want to do to make the heater work

### Labor

Date	Technician	Description	Hours
2/17/2022	KEVIN DOVE	REGULAR HVACR LABOR	8.00
2/17/2022	PAUL MARKHAM	REGULAR HVACR LABOR	6.00
2/25/2022	BRANDON HOLSINGER	COMMERCIAL TRAVEL TIME	1.00
2/25/2022	BRANDON HOLSINGER	REGULAR ELECTRICAL LABOR	3.50
3/1/2022	BRANDON HOLSINGER	COMMERCIAL TRAVEL TIME	0.50
3/1/2022	BRANDON HOLSINGER	REGULAR ELECTRICAL LABOR	0.50
3/8/2022	ADRIAN HOGAN	REGULAR PLUMBING LABOR	1.00
3/8/2022	ADRIAN HOGAN	REGULAR PLUMBING LABOR	7.50
3/8/2022	CHARLES MURPHY	REGULAR PLUMBING LABOR	9.50
3/9/2022	BRANDON HOLSINGER	REGULAR ELECTRICAL LABOR	2.00
3/9/2022	BRANDON HOLSINGER	COMMERCIAL TRAVEL TIME	1.00

**Materials**

Date	Part Number	Description	Quantity
1/14/2022	CMISCX-NON-STOCK ITEM	63K BTU STEAM UNIT HEATER, 230/3PH	1.000
2/17/2022	CMISCX-TRUCK CHARGE	TRUCK CHARGE	1.000
2/17/2022	CMISCX-TRIP CHARGE	TRIP CHARGE	1.000
2/25/2022	CMISCX-NON-STOCK ITEM	Items for PO 281745	1.000
3/3/2022	TAX-S	Sales Tax for Service	1.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4 90 ELL HNBR PXP	9.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4 HNBR TEE	1.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4 HNBR ADAPTER	3.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4 HNBR PXF ADAPTER	2.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4X10 BLK S40 PIPE	10.000
3/3/2022	CMISCX-NON-STOCK ITEM	1 PT 510 PIPE	1.000
3/3/2022	CMISCX-NON-STOCK ITEM	3/4X3/4 HOSE	1.000
3/3/2022	CMISCX-NON-STOCK ITEM	1 1/2X3/4 BLK BUSH	2.000
3/3/2022	CMISCX-NON-STOCK ITEM	1 BLK 150# 90 ELL	2.000
3/3/2022	CMISCX-NON-STOCK ITEM	3P -240V 20A CB	1.000
3/3/2022	TAX-S	Sales Tax for Service	1.000
3/3/2022	CRENT-EQUIPRENTAL	LIFT RENTAL	1.000
3/3/2022	CRENT-EQUIPRENTAL	VIRGINIA LOCAL RENTAL TAX	1.000
3/3/2022	CRENT-EQUIPRENTAL	DELIVERY/PICKUP	2.000
3/3/2022	TAX-S	Sales Tax for Service	1.000
3/8/2022	CMISCX-NON-STOCK ITEM	Items for PO 282716	1.000
3/9/2022	CMISCX-NON-STOCK ITEM	Items for PO 282790	1.000
3/18/2022	CMISCX-NON-STOCK ITEM	150# BRS GJ UNION	2.000
3/18/2022	CMISCX-NON-STOCK ITEM	1-1/4X3/4 BLK MI BUSH	2.000
3/18/2022	CMISCX-NON-STOCK ITEM	3/4X12 BLK STL NIP	2.000
3/18/2022	CMISCX-NON-STOCK ITEM	3/4X8 BLK STL NIP	1.000
3/18/2022	TAX-S	Sales Tax for Service	1.000

Signed By		Signature		Date	

## CERTIFICATION OF WORK SERVICE CALL

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

FACID/Building: USARC VASO Date of Visit: 2/25/2022

Contractor Personnel on Site:

1. Brandon Holsinger
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

**Service Call Number**

CSS# 32950 WO# 15137

**Description of Repairs**

Add power to the new wall Heater to be added in the mechanical Room.

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## CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Brandon Holsinger Date: 2/25/2022

Signed: 

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Carrie Vinson, SFC Date: 01 MAR 22

Signed: 

E-Mail: Carrie.f.vinson.mil@army.mil

**CERTIFICATION OF WORK  
SERVICE CALL**

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

FACID/Building: \_\_\_\_\_ Date of Visit: 3/9/22

Contractor Personnel on Site:

1. <u>Brandon Holsinger</u>	4. _____
2. _____	5. _____
3. _____	6. _____

**Service Call Number**

CSS# 32950 WO# 15137

**Description of Repairs**

Replace 2 pole breaker for the New Heater with a 3 pole as required to run the unit.

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**CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Brandon Holsinger Date: 3/9/22

Signed: Brandon Holsinger

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Brandon Dabney Date: 9 Mar 22

Signed: Brandon Dabney

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