

## Additional Funding Request Invoice

<b>VA050</b>	<b>CSS# 27472 WO# 13141 Asset# NA</b>						
Description of Repairs	ACES to troubleshoot controls on their boiler that is not working.						
Diagnosis: Initial Work Order	#2 Boiler would not control through building automation -need to trouble shoot controls and confirm boiler is operational and safety's work for re-certification -Boiler is not operational until repairs are made may want to send this to ACE and also have Richard onsite						
Diagnostic Fee	\$ 0						
Additional Labor Cost to Perform Repairs	<p>\$ 695</p> <p>Labor \$130/hr x 3.5</p> <p>TW Labor \$80/hr x 3</p>						
Additional Material Cost to Perform Repairs	<p>\$ 0</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Parts w/tax</td> <td style="width: 25%; text-align: center;">0</td> <td style="width: 25%;"></td> </tr> </table>				Parts w/tax	0	
Parts w/tax	0						
Total Cost of Repair	\$695						

7314 Impala Drive  
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**JOB/SITE LOCATION**

NAME: US Army Reserves  
ADDRESS: VA050  
CITY/STATE/ZIP: \_\_\_\_\_  
NOTES: \_\_\_\_\_

## CUSTOMER CONTACT

NAME: Captain Friend  
PHONE: \_\_\_\_\_  
PO#: \_\_\_\_\_  
CONTRACT:  SERVICE:  WARRANTY:

## SERVICE REQUEST

## Troubleshoot Boiler Operations and meet with Mechanical Tech

## SERVICE PERFORMED

Drove to site, met with Captain Friend and Mechanical Technician. Complaint was that boiler loop temp not working properly and that boiler 2 would not initialize upon a call. Reviewed issue from front end, made mechanical tech aware that we only control the enable/disable and receive a general alarm, we do not have direct communication to either boiler, we merely terminate after isolation relays for the stop start and receive that alarm from terminal strip in unit. I checked out our interaction completely, iso relays are all working, all terminations are solid and we successfully stopped and started both boilers from the front end. currently the loop setpoint has to be made manually at rudimentary unit controllers. The technician asked if I could make the boilers actually communicate in order to dictate a reset setpoint from the front end. Checked over boilers and read up on literature, it does appear that there is a modbus type of connection but these are old and now obsolete.

Customer is requesting a quote on integrating these older boiler controllers but it will have to be confirmed to be possible first.

## EQUIPMENT DATA

### PARTS USED

## LABOR

CUSTOMER SIGNATURE

TECHNICIAN SIGNATURE

4550

11/13/20

DATE

## CERTIFICATION OF WORK SERVICE CALL

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

FACID/Building: VA050 Date of Visit: 11/13/20

Contractor Personnel on Site:

1. <u>Brett Garner w/Aces</u>	4. _____
2. <u>Richard Walker</u>	5. _____
3. _____	6. _____

**Service Call Number**

CSS# 27472 WO# 13141

**Description of Repairs**

Check Boiler operations overall for site and check for issues that mechanical tech has brought up, check sequence of operations and make clear the current setup and operation.

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## CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Brett Garner Date: 11/13/20

Signed: Brett Garner

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: Captain Friend Date: 11/13/20

Signed: TMF

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