

Jail RTU Replacements

Vendor	Quoted Amount
Davis Heating and Air	\$78,597.72
Erickson Associates	\$81,500.00
Air Services	\$90,022.00
Samco	\$96,570.00
Southern Chill	\$97,412.00
Mock Mechanical	\$100,766.00
Comfort Systems USA	No Quote Provided
Hall Specialty Services	No Quote Provided
Boaen Mechanical	No Quote Provided

Notes

Comfort Systems USA, Hall Services, Boaen Mechanical all had onsite visits.

Contractor with the lowest bid will be awarded project with each unit having separate P.O.#'s this will lower cost by utilizing one crane service.

Davis Heating and Air states best lead times on equipment.

W.O.# 9751



**HEATING AND AIR**

**JUNE 27, 2024**

**EFFINGHAM BOARD OF COMMISSIONERS  
ATTN: FRED RYAN**

**EFFINGHAM JAIL ROOF TOP REPLACEMENT**

**WE PROPOSE TO PROVIDE AND INSTALL THE FOLLOWING ROOF TOP UNITS AT THE JAIL. ALL UNITS IN STOCK. UNITS CAN BE REPLACED WITHIN 5 DAYS AFTER RECEIPT OF PURCHASE ORDER. CRANE FEE INCLUDED.**

<b>CARRIER 20 TON ROOFTOP UNIT: .....</b>	<b>\$48,367.82</b>
<b>CARRIER 8.5 TON ROOFTOP UNIT:.....</b>	<b>\$20,556.31</b>
<b>CARRIER 4 TON ROOFTOP UNIT: .....</b>	<b>\$9,673.28</b>
<b>TOTAL PRICE: .....</b>	<b><u>\$78,597.72</u></b>

*Kevin Davis*

\_\_\_\_\_  
Kevin Davis

\_\_\_\_\_  
Accepted By

\_\_\_\_\_  
Date

1060 East Hiawatha Street · Metter, GA · 30439  
(912) 685.7576 · (912) 685.6435 FAX



**Erickson Associates Inc. Estimate**

**Date: July 22, 2024**

**Job Name: Effingham County Jail  
Contact: Fred Ryan**

**Subject: RTU change-out**

**Scope of Work**

**Erickson Associates: Is pleased to price changing out 3 RTU,s on top of the jail. We will remove existing units, install new Carrier units, reconnect electrical, gas, start up units and check operation of systems.**

**Proposal**

**Erickson Associates, Inc. proposes to perform the above services for the price of:**

**(81,500.00)**

**Submitted By,**

**James Foltyn  
Service Department Manager**

**Acceptance of Proposal**

**Authorized Signature**

**PURCHASER OF THIS CONTRACT AGREES TO PAY ALL ATTORNEY'S FEES OR ANY COST OF COLLECTION SHOULD IT BECOME NECESSARY. THIS PROPOSAL IS GOOD FOR 30 DAYS. PAYMENT IS EXPECTED UPON COMPLETION OF WORK.**

**Thank you,**

***James Buster Foltyn*  
Service Department Manager  
(912-429-6827) Cell  
(912-629-6011) Office**

**Price valid for 30 days**

**Fred Ryan**

---

**From:** John Vincent <john.vincent@asrspros.com>  
**Sent:** Monday, July 22, 2024 9:25 AM  
**To:** Fred Ryan; Brad Butler  
**Subject:** RTU 11, 18, 22

Caution: External Message  
ARSR, Inc. proposes to:

Remove existing RTU's unit from roof, disassemble, remove and discard unit.

Furnish and Install:

(1) each Carrier 4 ton RTU, (1) each Carrier 20 ton RTU and (1) each Carrier 8.5 ton RTU, 460-volt 3 phase.

Reuse and reconnect back to existing electrical and condensate drain piping.

equipment and material RTU 11 \$15,893.20  
RTU 18 \$48,142.80  
RTU 22 \$27,586.00

Total \$ 91,622.00 if each unit is done on different days.

equipment and material RTU 11 \$14,693.20  
RTU 18 \$46,942.80  
RTU 22 \$26386.00  
Crane \$2,000.00

Total \$ 90,022.00 If all unit are done at the same time.

Equip availability is subject to change. R-410 equipment is being phased out, as new R454 refrigerant style with A2L regulations. Price will increase 18% to 20 % on equipment costs if R-410 equipment becomes unavailable. Current lead time is 8 to 10 weeks.

Please call if you have any questions or would like to prebuy the equipment and store for changing the system out this fall when outdoor temperatures become mild.

This price is good for the next 20 days...

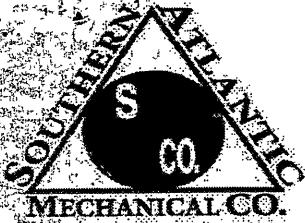
Respectfully,

John Vincent  
ASRS Inc

From

**Southern Atlantic  
Mechanical Co.**

1016 South Laurel Street  
Springfield GA 31329  
9122953043



\$ 96,570.00

<b>Quote No.</b>	<b>2013440</b>
Type	Replacement
Prepared By	Andy Schmidt
Created On	06/17/2024
Valid Until	07/31/2024

<b>Quote For</b>	<b>Effingham County</b>
	Effingham County Jail
	502 West 1st Street
	Springfield GA 31329
	(912) 754-9715

### Description of Work

This project involves the replacement of three existing rooftop units (RTUs) on the Jail Roof at Effingham County as part of the 2024 Contract. The units to be replaced include RTU #18, RTU #11, and RTU #22. This scope of work outlines the necessary steps and considerations for the removal of the old units and the installation of new, efficient RTUs.

**RTU #18**      49,500.00

- Existing Unit Model: Carrier 48TCEE24A1A6A0B0A0
- Serial Number: 3913P20428
- Location: Jail Roof

**RTU #11**      \$ 12,500.00

- Existing Unit Model: Carrier 48TCDB05A2A6A0A0A0
- Serial Number: 4013C88184
- Location: Jail Roof

**RTU #22**      \$ 20,500.00

- Existing Unit Model: Carrier 48TCDE09A1A6A0A0A0
- Serial Number: 4213P60197
- Location: Jail Roof

### Services to be completed

**[HVAC] Rooftop Unit - 18 RTU Carrier 48TCEE24A1A6A0B0A0 3913P20428**

Rtu #18 need quote of rtu replacement data info in photo and will hand off change out sheet to andy

**[HVAC] Rooftop Unit - Jail Roof 11 RTU Carrier 48TCDB05A2A6A0A0A0 4013C88184**

Replace RTU, install new RTU

**[HVAC] Rooftop Unit - Jail Roof 22 RTU Carrier 48TCDE09A1A6A0A0A0 4213P60197**

Replace RTU 22. Install new unit.

Code	Parts, Labor, and Items	Quantity	Unit Price	Total
Labor; Jacob	Standard Labor	8	\$125.00	\$1,000.00
	Crane and Counterweight Trucks	1	\$7,500.00	\$7,500.00
	48FCDB05A2A6-0A0A0 and 25% Manual Damper RTU 11	1	\$12,500.00	\$12,500.00
	48FCEN09A2A6-0A0A0 RTU 22	1	\$20,500.00	\$20,500.00
Labor; Brent	Standard Labor	8	\$95.00	\$760.00
	Freight	1	\$500.00	\$500.00
Labor; Jacob	Standard Labor	8	\$125.00	\$1,000.00
Labor; Jacob	Standard Labor	8	\$125.00	\$1,000.00
	48FCEN24A2A6-8B0A0 Carrier Gas Heat Packaged Rooftop Unit 20 Ton 460/3 • Medium Gas Heat • Two-Stage Cooling • Humidimizer • Economizer w/ Barometric Relief RTU 15	1	\$49,500.00	\$49,500.00
Misc	Miscellaneous- Consumables	1	\$750.00	\$750.00
Labor; Brent	Standard Labor	8	\$95.00	\$760.00
Labor; Brent	Standard Labor	8	\$95.00	\$760.00
	Trip Charge	1	\$40.00	\$40.00
			<b>GRAND TOTAL</b>	<b>\$96,570.00</b>

### Terms and Conditions

Due upon completion, past due after 30 days; may be subject to collection after 45 days with debtor being held responsible for all fees and costs of collections.

Depending on unit configuration, **further diagnostics may be required** to bring system to fully operational status once quoted repairs and parts have been installed.

GENERAL CONDITIONS Normal working hours are defined as 8:00 a.m. to 5:00 p.m. Monday through Friday inclusive, excluding holidays.

Quote Does not include: Cutting, patching, boring, Roof penetrations or Roof sealing

The Owner shall be provided reasonable means of access to the equipment being serviced. SAMCO SERVICE shall be permitted to start and stop all equipment necessary to perform the herein-agreed services as arranged with your representative.

SAMCO SERVICE shall not be liable for any loss, delay, injury or damage that may be caused by circumstances beyond its control including but not restricted to acts of God, war, terrorism, civil commotion, acts of government, fire, theft, corrosion, floods, freeze-ups, strikes, lockouts, differences with workmen, riots, explosions, quarantine restrictions, delays in transportation, shortage of vehicles, fuel, labor or materials, or malicious mischief.

In no event shall SAMCO SERVICE be liable for business interruptions losses or consequential or speculative damages, but this sentence shall not relieve SAMCO SERVICE of liability for damage to property or injury to persons resulting from accidents caused directly by the negligence of SAMCO SERVICE in the performance of its obligation under this agreement.

SAMCO SERVICE shall not be required to complete safety tests, install new devices or make modifications to any equipment to comply with recommendations or directives of insurance companies, governmental bodies, or for other reasons.

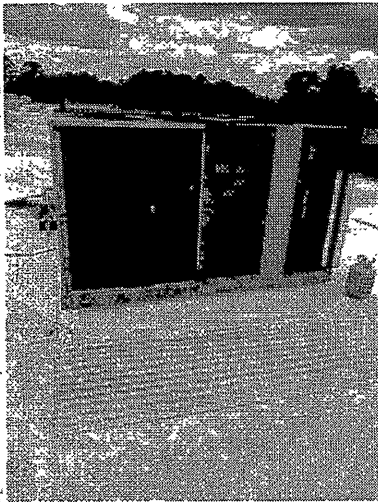
SAMCO Service shall not be responsible for any work not listed in the "Scope of Work" described above.

By my signature below, I authorize work to begin and agree to pay the Grand Total according to the terms and conditions of this agreement.

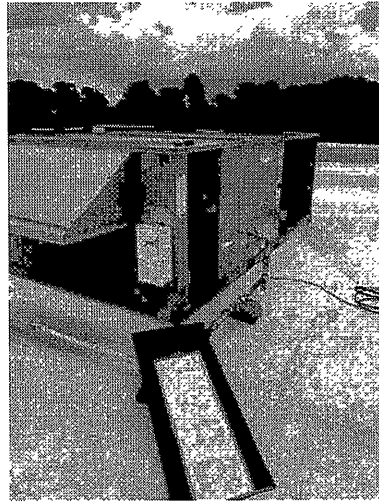
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

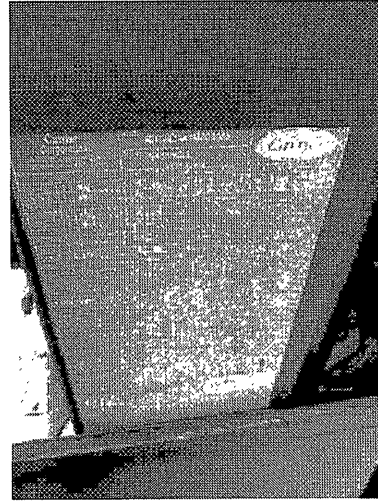
### Photos



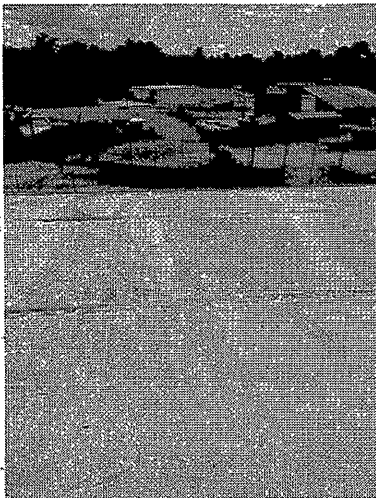
Unit placement



Unit placement



Data tag



Crane set up area

P.O. Box 1200  
Brooklet, GA, 30415  
912-675-9285, 912-658-8327  
chad.southernchill@gmail.com, justin.souchill@gmail.com

\$197,412.00

# Southern Chill LLC Heating, Air Conditioning and Refrigeration

## Estimate

For: Effingham County / Fred Ryan  
Fryan@effinghamcounty.org  
+19124290056

Estimate No: 513  
Date: 07/15/2024

Description	Quantity	Rate	Amount
RTU-11-1-48FCDB05A2A6-0A0A0 Carrier Gas Packaged Unit 4 Ton 460/3 • One Stage Cooling • Humidi-MiZer® EXISTING UNIT 48TCDB05A2A6 - ADAPTER CURB NOT REQUIRED RTU-11-1-CRMANDPR001A03 25% Manual Damper Crane included	1	\$14,211.00	\$14,211.00
	Subtotal:		\$14,211.00
	Total:		\$14,211.00
	<b>Total</b>		<b>\$14,211.00</b>

### Terms and Conditions

By signing and/or approving this contract you agree to allow Southern Chill Heating, Air Conditioning and Refrigeration to perform the work listed above and agree to pay in full upon completion of the job unless a half draw has been requested.



P.O. Box 1200  
Brooklet, GA, 30415  
912-675-9285, 912-658-8327  
chad.southernchill@gmail.com, justin.souchill@gmail.com

# *Southern Chill LLC Heating, Air Conditioning and Refrigeration*

## Estimate

For: Effingham County / Fred Ryan  
Fryan@effinghamcounty.org  
+19124290056

Estimate No: 514  
Date: 07/15/2024

Description	Quantity	Rate	Amount
RTU-18 1 48FCEN24A2A6-8B0A0 Carrier Gas Packaged Rooftop Unit 20 Ton, 460/3 • Two-Stage Cooling • Humidi-MiZer® • Temperature economizer w/ Barometric Relief EXISTING UNIT 48TCEE24A1A6 - ADAPTER CURB NOT REQUIRED Crane included	1	\$56,830.00	\$56,830.00
		Subtotal:	\$56,830.00
		Total:	\$56,830.00
		<b>Total</b>	<b>\$56,830.00</b>

## Terms and Conditions

By signing and/or approving this contract you agree to allow Southern Chill Heating, Air Conditioning and Refrigeration to perform the work listed above and agree to pay in full upon completion of the job unless a half draw has been requested.

P.O. Box 1200  
Brooklet, GA, 30415  
912-675-9285, 912-658-8327  
chad@southernchill@gmail.com, justin.souhill@gmail.com

# *Southern Chill LLC Heating, Air Conditioning and Refrigeration*

## Estimate

For: Effingham County /Fred Ryan  
Fryan@effinghamcounty.org  
+19124290056

Estimate No: 515  
Date: 07/15/2024

Description	Quantity	Rate	Amount
RTU-22.1 48FCDN09A2A6-0A0A0 Carrier Gas Packaged Unit 8.5 Ton 460/3 • Two Stage Cooling • Humidi-MiZer® EXISTING UNIT 48TCDE09A1A6 -- ADAPTER CURB NOT REQUIRED RTU-22.1 CRMANDPR002A03 25% Manual Damper Crane included	1	\$26,371.00	\$26,371.00
		Subtotal:	\$26,371.00
		Total:	\$26,371.00
		<b>Total</b>	<b>\$26,371.00</b>

### Terms and Conditions

By signing and/or approving this contract you agree to allow Southern Chill Heating, Air Conditioning and Refrigeration to perform the work listed above and agree to pay in full upon completion of the job unless a half draw has been requested.

# MOCK MECHANICAL SERVICES

100766

A Division of Mock Plumbing & Mechanical, Inc.

## PROPOSAL

TO: Effingham County Board of Commissioners  
601 N Laurel St.  
Springfield, GA 31329

Date: 07/15/2024

Project: County Jail (3) RTU Replacement

Attention: Fred

We propose to provide the services described below for the net price of: (See Below).

RTU # 11 M#48TCDB05A2 S#4013C88184

- Supply labor, crane, rigging and tools to remove existing equipment and dispose of as per EPA Regulations.
- Supply labor, crane, rigging, materials and tools to install one (1) 4-Ton Gas Package unit that matches the existing specification.
- Modify and reconnect to existing ductwork.
- Modify and reconnect to existing gas line.
- Modify and reconnect to existing thermostat.
- Modify and reconnect to existing electrical source at the service disconnect.
- **5-year Compressor manufactures warranty**, and 1-year labor.
- Start up and test operation of unit.
- All work to be done during normal working hours.

**Total Price:.....:\$14,938.00**

RTU # 18 M#48TCEE24A1 S#3913P20428

- Supply labor, crane, rigging and tools to remove existing equipment and dispose of as per EPA Regulations.
- Supply labor, crane, rigging, materials and tools to install one (1) 20-Ton Gas Package unit that matches the existing specification.
- Modify and reconnect to existing ductwork.
- Modify and reconnect to existing thermostat.
- Modify and reconnect to existing gas piping.
- Modify and reconnect to existing electrical source at the service disconnect.
- **5-year Compressor manufactures warranty**, and 1-year labor.
- Start up and test operation of unit.
- All work to be done during normal working hours.

**Total Price:.....:\$55,291.00**

# MOCK MECHANICAL SERVICES

A Division of Mock Plumbing & Mechanical, Inc.

RTU # 22 M#48TCDE09A1 S#4213P60197

- Supply labor, crane, rigging and tools to remove existing equipment and dispose of as per EPA Regulations.
- Supply labor, crane, rigging, materials and tools to install one (1) 8.5-Ton Gas Package unit that matches the existing specification.
- Modify and reconnect to existing ductwork.
- Modify and reconnect to existing thermostat.
- Modify and reconnect to existing gas piping.
- Modify and reconnect to existing electrical source at the service disconnect.
- **5-year Compressor manufactures warranty**, and 1-year labor.
- Start up and test operation of unit.
- All work to be done during normal working hours.

**Total Price:.....:\$30,537.00**

Note and Clarification:

- **There is a 7-to-9-week lead time on this equipment as of today.**
- **If all three are done at the same time on the same purchase order you will receive a 3% discount off the total price.**
- Customer must provide access to equipment.

Thank you for considering Mock Mechanical Services for this upgrade. If you have any questions, or if I can be of further service, please do not hesitate to contact me. This proposal is valid for 45 days and requires a purchase order.

Sincerely,

*Ricky Holland*

Ricky Holland  
Email: [rickyh@mocksavannah.com](mailto:rickyh@mocksavannah.com)  
Phone: 912-438-2007

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

**Fred Ryan**

---

**From:** Fred Ryan  
**Sent:** Monday, July 15, 2024 8:09 AM  
**To:** Weber, Andy  
**Subject:** RE: RTU Replacements for the Effingham County Jail

Yes sir,

Can you please shoot over a calendar invite?

---

**From:** Weber, Andy <Andy.Weber@csusasoutheast.com>  
**Sent:** Monday, July 15, 2024 7:31 AM  
**To:** Fred Ryan <FRyan@EffinghamCounty.org>  
**Subject:** Fwd: RTU Replacements for the Effingham County Jail

Caution: External Message

Fred, would you be available for me to walk this on Wednesday?

Andy Weber  
Project Sales Specialist  
Comfort Systems USA Southeast  
402 East Hwy 80  
Bloomington, GA 31302  
(912)358-0043

Begin forwarded message:

**From:** "Williams Jr, Keith" <Keith.WilliamsJr@comfortsystemsusa.com>  
**Date:** July 14, 2024 at 11:31:42 AM EDT  
**To:** "Weber, Andy" <Andy.Weber@csusasoutheast.com>  
**Subject:** Fwd: RTU Replacements for the Effingham County Jail

*Best regards,*

*Keith Williams, Jr*

Region Service Manager Atlantic Coast  
[757-469-1681](tel:757-469-1681) (cell) [912-358-0043](tel:912-358-0043) (office)  
[Keith Williams Jr @ Linked In](#)



## Fred Ryan

---

**From:** Michele Kimbrel <michelek@boanenmechanical.com>  
**Sent:** Monday, July 15, 2024 7:57 AM  
**To:** Fred Ryan; Randy Grier  
**Cc:** Office; Marci Upchurch; HVAC  
**Subject:** RE: RTU Replacements for the Effingham County Jail

**Importance:** High

Caution: External Message

Good Morning Mr. Ryan,  
We have received your request, I will have Sam reach out to you to schedule a site visit. Have a great day!

*Sincerely,*

*Michele Kimbrel*

*Boaen Mechanical Service*

*[michelek@boanenmechanical.com](mailto:michelek@boanenmechanical.com)*

*912-233-3208 x115*

*912-233-3486 fax*

*Please Reply to All When Responding*

---

**From:** Fred Ryan [mailto:FRyan@EffinghamCounty.org]

**Sent:** Sunday, July 14, 2024 10:29 AM

**To:** Randy Grier <RandyG@boanenmechanical.com>

**Cc:** Michele Kimbrel <michelek@boanenmechanical.com>; Office <office@boanenmechanical.com>; Marci Upchurch <marciu@boanenmechanical.com>

**Subject:** RTU Replacements for the Effingham County Jail

Good Morning,

We have 3 Roof Top units that are in need of replacement at the Effingham County Jail . There is a need for a crane for this project. Please let me know if you would like to schedule an onsite visit.

Thanks

RTU-11			
Model	48TCDB05A2A6A0A0A0		
Serial	4013C88184		

RTU-18			
Model	48TCEE24A1A6A0B0A0		
Serial	3913P20428		