



NEW HAVEN PUBLIC SCHOOLS

COVER SHEET

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Please Type

Contractor full name: Tucker Mechanical

Doing Business As, if applicable: N/A

Business Address: 367 Research Parkway Meriden Ct 06450

Business Phone: 203-630-7330

Business email: jmathews@emcor.net

Principal or Supervisor: Justin Mathews

Agreement Effective Dates: From 07/01/2022. To 06/30/2023.

Total amount:

\$1,055,238.00

Funding Source & Acct # including location code:

2022-2023 Capital Projects 3C20-2073-58708 (\$85,788.93)

2022-2023 Capital Projects 3C22-2261-58101 (\$114,211.07)

ARP-ESSER 2553-6399-56697 (\$855,238.00)

Description of Service: Please provide a one or two sentence description of the service.

Change Order #1 to Contract #21749A-2-4 with Tucker Mechanical to increase funding amount from \$200,000.00 by \$855,238.00 for a total amount of \$1,055,238.00 to cover:

- Monthly Chiller Rentals at Central Utility Plant, Mauro Sheridan, Clinton Ave. and Beecher to provide building cooling for chillers that have failed with long lead replacement part or chiller is beyond repair. Chiller Repairs/Replacements to be completed in non-cooling season.
- Work to bring building Cooling systems up to date from deferred corrective maintenance items.
- Additional information as attached

Submitted by: Rebecca Hunt



NEW HAVEN PUBLIC SCHOOLS

Operations Memorandum

To: New Haven Board of Education Finance and Operations Committee
From: Rebecca Hunt
Date: 9-16-22
Re: Tucker Mechanical Change Order #1 HVAC

Please **answer all questions** and have someone **ready to discuss** the details of each question during the Finance & Operations meeting or this proposal might not be advanced for consideration by the full Board of Education.

Contractor Name: Tucker Mechanical

Contractor Address: 367 Research Parkway Meriden Ct. 06450

Is the contractor a Minority or Women Owned Small Business? No

Renewal or Award of Contract/Agreement? Current Contract

Total Amount of Contract/Agreement and the Hourly or Service Rate: \$1,055,238.00

Contract or Agreement #: 21749A-2-4

Funding Source & Account #:

2022-2023 Capital Projects 3C20-2073-58708 (\$85,788.93)
2022-2023 Capital Projects 3C22-2261-58101 (\$114,211.07)
ARP-ESSER 2553-6399-56697 (\$855,238.00)

Key Questions:

1. **What specific service will the contractor provide:**

HVAC Corrective and Preventative Maintenance

2. **How was the contractor selected? Quotes? RFP? Sealed Bid or Sole Source? Please describe the selection process including other sources considered and the rationale for selecting this method of selection:**

Existing On Call Contract #21749A-2-4

3. **If the vendor is not the lowest bidder or a State contract please answer the following:**

a. **Please explain why the vendor was chosen?**



NEW HAVEN PUBLIC SCHOOLS

Operations Memorandum

On Call Contractor # 21749A-2-4

b. Who were the members of the selection committee?

This was a lowest qualified bid.

4. **If this is a renewal with a current vendor, has the vendor's performance been satisfactory under the existing contract or agreement?**
5. **If this Contract/Agreement is a Renewal has cost increased? If yes, by how much?**
\$855,238.00
6. **If this Contractor is New has cost for service increased from previous years? If yes, by how much? N/A**
7. **Is this a service existing staff could provide? Why or why not?** No, we do not have current staff that can perform these services.

Change Order
 All below to be charged to ARP-ESSER account

\$ 855,238.00

School	Problem Description	Work Order #	Invoice Amount
CENTRAL UTILITY PLANT	continuation for the monthly chiller rentals	63806	\$ 128,071.50
MAURO/SHERIDAN	continuation for the monthly chiller rentals	63804	\$ 105,738.82
CLINTON AVENUE SCHOOL	continuation for the monthly chiller rentals	63805	\$ 92,093.76
BEECHER	continuation for the monthly chiller rentals	63803	\$ 75,265.48
BEECHER	134700 - JE-10312.1 This quote is to follow up to Install Rental Chiller for Beecher School. Power Down existing chiller and remove wiring Tie rental into existing electrical panel at chiller Cut into existing piping for temporary tackle off Mount rigid pipe to side of building Land chiller in place Connect all temporary piping and electrical Power up Temp chiller Start and test operation Break down of rental This quote is for 3 months of operation Start date to be determined If rental is to exceed 3 months. Amount will be additional per month - Partial Invoice	63449	\$ 59,656.24
CENTRAL UTILITY PLANT	135461/AE-000010 This Proposal is to follow up on Rental Chiller for CUPS Land and secure new chiller in Parking lot Drain down chiller and break piping at Chilled water valves for tie in Secure proper access to building Tie in electrical and temp chilled water piping Power up chiller, start and test operation This rental is for 3 months If additional time is needed additional quote will follow. - Partial invoice	63658	\$ 46,978.50
MAURO/SHERIDAN	135333/JE-000006 This proposal is follow up to Install Temporary Chiller. Shut Down and LOTO Chiller Isolate Chilled water pipinf and make new connection points for rental Land Rental ain place Install Temp Piping and Wire Power up Rental Test and Start Operation This Quote is for 3 (Three) months of Operation. Partial Invoice	63533	\$ 35,196.52
JOHN DANIELS SCHOOL	134972/AE-000001 This proposal is follow up to Repairs to Chiller 2. Recovery of remaining refrigerant charge in chiller in both circuits. Replace oil filters Fix leaking schraders Pressure Test with Nitrogen Leak test entire chiller *Any additional leaks will be quoted Separately* Evacuate Chiller to 500 Microns Recharge Chiller with refrigerant Start and test chiller operation	63474	\$ 31,834.00
TROUP MAGNET	134413/JE-10282 This proposal is follow up to Chiller repairs to Both Daikin Chillers Remove and Replace Slide Positon Sensor on Compressor Add Oil to Compressors Change Oil Filters Leak Test Chillers Add Refrigerant to Chillers Change Comprssor Controller	63349	\$ 31,703.00
CLINTON AVENUE SCHOOL	135462/AE-000007 This Proposal is to follow up on Installing a Rental Chiller. Isolate existing chiller electrically and mechanically Remove entire chiller from roof Land Rental Chiller in its place Wire up and pipe into existing piping Start and Test Chiller operation Strip and save all salvagable parts on Condemed Chiller This Rental is for 3 months. Partial invoice	63594	\$ 30,711.18
BARNARD MAGNET SCHOOL	135043/AE-000004 This proposal is follow up to Replace Rotted out service valve on Circuit 1 Recover refrigerant Charge Change all filters and core driers P	63485	\$ 28,203.00
WEXLER/GRANT SCHOOL	134628/JE-10178.1 This proposal is follow up to work order # 62929.Work is to replace the (2) faulted VFD Drives, (4) variable speed condenser fan motors, worn/cracked blades, mounting brackets, deep clean the impacted condenser coils, and add needed 60lbs of R134a on Trane Chiller 1 at Wexler Grant. Technicians will furnish and install Trane OEM parts, start up and test to ensure proper operations.	62973	\$ 26,703.00
MAURO/SHERIDAN	135041/AE-000002 This proposal is follow up to replace defective Oil reclaim system and liquid level drum. LOTO Chiller Recover refrigerant into DOT Tanks Remove oil int waste buckets and dispose of properly. Remove Defective Oil Reclaim system (Gas Pump Assembly) Install new Oil Reclaim System Remove and Install Liquid level Drum and sensor Pressure test and leak check with Nitrogen Evacuate to 500 Microns Recharge chiller with refrigerant and oil Start and test chiller operation when applicable	63482	\$ 24,477.00
MAURO/SHERIDAN	134365/JE-10281 This proposal is follow up to Distill the Refrigerant in the Chiller. Keep chiller online while distilling the refrigerant *Add Refrigerant that is needed beck to Chiller*	63325	\$ 23,098.00
TROUP MAGNET	135415/AE-000009 This proposal is follow up to additional repairs need for chiller in the Off season Replace Condenser Fan Motors on Chiller 2 Replace Flow Switch on Chiller 2 Leak Test all Circuits on Both Chillers *If Leaks are found additional repairs will be quoted separately* Add refrigerant to Circuit 1 Chiller 1 All repairs can be performed in the off season.	63647	\$ 22,736.00
HOOKER NEW	133255/JE-10245 This proposal is follow up to Oil Filter replacement on Carrier Chiller and Cooling tower Motor Replacement Shutdown and LOTO Cooling tower and Chiller Recovery and Weigh Refrigerant charge *Report to customer at this time if additional refrigerant is required* Remove oil from chiller and dispose of in proper drums. Replace internal and external oil filters Pressure test and leak check with Nitrogen *Any additional leaks will be quoted separatly Evacuate to 500 microns Charge Chiller back to Nameplate charge Remove and Replace Coolingtower fan motor Check alignment Remove LOTO and restore power Start and test Chiller	63189	\$ 20,395.00

EDGEWOOD MAGNET SCHOOL	135330/JE-10347 This proposal is follow up to work order # 63473. Work is to replace the failed Tandem Compressors in RTU 1. Technicians will power off unit, reclaim refrigerant per EPA guidelines. Once reclaimed technicians will remove needed piping and compressors via crane due to the weight of the compressors. Technicians will then furnish and install new OEM compressors via crane, pipe in, install filter drier, and needed contactors. System will then be pressure/leak tested, evacuated and charged with needed 35 lbs. of R22. Unit will be started and tested to ensure proper operations.	63612	\$ 19,671.00
WILBUR CROSS HIGH SCHOOL	132846/JE-10152 This proposal is follow up to work order # 62705. Work is to replace the leaking/unrepairable Chilled Water Coils in AHU-D1B. Technicians will power off unit, isolate coils, cut out existing coils, furnish and install new OEM Daikin Coils pressure/leak test, undo isolation valve, start up and test to ensure proper unit operations.	62859	\$ 19,235.00
KING ROBINSON MIDDLE SCHOOL	135042/AE-000003 This proposal is follow up to replace defective Condenser fan motors and contactors. LOTO Chiller Replace defective fan motors and blades Replace Contactors for fans Take refrigerant and oil samples on all 4 Circuits Test Operation on all 4 circuits Leak test entire chiller *Any leaks found will be quoted separately* *Any Other additional repairs needed will be *Any Other additional repairs needed will be quoted*	63479	\$ 18,344.00
WILBUR CROSS HIGH SCHOOL	133407 - JE-10177, This proposal is follow up to work order # 62705. Work is to replace the leaking/unrepairable Chilled Water Coils in RTUs G1 and A3. Technicians will power off units, remove failed coils, furnish and install new OEM Daikin Chilled Water Coils, return power, start up and test to ensure proper operations.	62968	\$ 15,127.00