

#### Board of Trustees Agenda Item

Complete and submit this form, along with any supplemental documentation, to the Office of the President by 5:00pm on the seventh day prior to the Board meeting.

**Date of Board Meeting:** 

9/17/24

Subject:

HVAC (Storm Damage) Mullins Hall

Recommendation:

Make the necessary repairs to the Fresh Air make up unit in Mullins Hall

as specified in the quote.

Cost and Budgetary Support: \$55,145,12 (Current EV25 Operating Budget)

#### **Background and Rationale:**

Even with precautionary measures taken, with the power issues that Beryl caused in our area, we had the Fresh Air make up unit go out on top of Mullins Hall. This unit is necessary for the pressurization of the building. The recommendation is to Purchase the equipment and RDI Mechanical to do the installation. TADCO will have to do the shoring of the roof to get the roof curb level. This will get the building up to 100% operational again.

Hunton Trane Outdoor Air Unit \$36,145.12

RDI Mechanical Installation \$14,000

TADCO Roofing \$5,000

Total and Dadgetary Dapper to \$35,2 15,122 (Carrent 1 125 Operating Dadget)				
Strategic Priority Alignment:	☐ Student Success☐ Resource Optimization	☐ Community Impact ☐ Institutional Excellence		
Resource Person(s):				
Signatures:  Day Baya  Originator		1/12/24		
Cabinet-Level Supervisor	Date			
President's Approval:  Betty Macrock	9	P-17-24		

POLICY DB (LOCAL) 08/01/2020



## Proposal

(Valid for 30 days from Proposal date)



Prepared For:

Date: 09/06/2024

Wharton County Junior College

Job Number:

Bid Expires: 09/06/2024

Job Name:

Engineer:

Wharton County Junior College

Delivery Terms:

Freight Allowed and Prepaid - F.O.B. Factory

#### **EQUIPMENT:**

Fan #1 CAS-HVAC2-E.302-13-10T-DOAS - Heater (DOAS) - Job #7018694	
CAS-HVAC2-E.302-13-10T-DOAS RTU with Electric Heat and 13" Direct Drive Plenum Fan, 240V 3 phase, 30 KW maximum - 1 modulating stage & 1 on/off stage. Supply Fan handles 1500 CFM @ 1.000" wc ESP, Fan runs at 1786 RPM. Heater supplies 68260 BTUs. 44°F Temperature Rise. Supply Motor: 2.000 HP, 3 Phs, 208 V, 60 Hz, 6.1 FLA, ODP, Premium (E-Plus3) Eff. Down Discharge - Air Flow Left -> Right	x1
<ul> <li>50-90°F Space Temp Control • Space Sensor Ships Loose • Heating/Cooling Activation Based On Either Intake or Space Set Point • Manual Blower Mode, Use with MUA. Includes 1 Space HMIs.</li> </ul>	x1
- CFM monitoring for MUA units. Uses rivet nuts, 1/4" airflow tubing and push to connect fittings.	x1
- Intake Firestat. Set to 135°F	x1
- Freezestat	x1
- Discharge Firestat. Set to 240°F	x1
- 2" Merv 13 Filters for Size 2 RTU. QTY 4, 16 x 20 x 2 Merv 13 Filters	x1
- 2" Merv 8 Filters for Size 2 RTU, QTY 4, 16 x 20 x 2 Merv 8 Filters	х1
- Overheat Stat factory set at 80°F and 10 minutes. Prevents unit from overheating the space when cooling.	x1
- VFD factory mounted and wired in unit control vestibule.	x1
- RTU Size 2 Down Discharge Electric Heat	x1
<ul> <li>10 Ton Modulating Cooling Option, 208/230V. R410A Refrigerant, Variable Speed Inverter Duty Compressor, ECM Condensing Fan(s).</li> </ul>	x1
- RTU Compressor Oil Sensor Factory Installed. M12 Style Connector.	x1
- 10 Ton Cooling Only Modulating Reheat Option for Space Control - R410A	x1
- RTU Fixed 100% Outdoor Air Intake.	x1
	A 1

Quote #: 7018694

	The Assessment of the Local Division in which the Local Division is not the Local Division in the Local Divisi
<ul> <li>Single Point Electric Heat Connection - RTU. QNTY 1 750va Transformer used for controls.</li> <li>One primary connection required for RTU with electric heat. If a Non-DCV Prewire controls this unit, the #28, #47, "MA", or "E2" Option Prewire must be selected. Do not provide supply starter in prewire.</li> </ul>	x1
- Occupied Scheduling Defaulted for IBT/RTU.	
- Clogged Filter Switch with Notification on HMI	x1
	x1
<ul> <li>GFCI 15 amp Powered Convenience Outlet For RTU2 Enclosure. Includes receptacle, jbox, cover and transformer.</li> </ul>	x1
- Commercial Smoke Detector Interlock (Detector By Others)	
- RTU Size 2 No Return	x1
- VAV (Variable-Air Volume) White Delta s	x1
- VAV (Variable-Air-Volume) Wiring Package for Commercial Fans. Manual Speed Control Variable Frequency Drive Included	x1
- ESV152N02YXB571 - Variable Frequency Drive - 2 HP Max., 200/240 V, Single or Three Phase Input, 7.0 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS	x1
- VERIZON CELLULAR KIT, WIRED ANTENNA AND VERIZON DATA FOR 1 YEARS. USED WITH FAN.	x1

Fan Total Price:

\$31,980.62

### **CASLink Monitoring**

**CASLink Monitoring** 

x1

CASLink Monitoring Total Price:

\$498.89

### **Factory Services**

Service Design Verification for CASLink.	
Service Design Verification for DOAS	x1
	x1
Service Design Verification for Site Meeting w/ additional mileage charge.	x1
ervice Design VerificationMileage Charge: (98.0) x 2 = 196.0 total miles	x1

Factory Services Total Price:

\$2656.25

Subtotal:

\$35,135.76

Shipping:

\$1009.36

Tax:

Not Included

Total: USD \$36,145.12

# SERVICE DESIGN VERIFICATION DISCLAIMER

Field Service Technician is responsible for one trip to site to ensure the above equipment is operating within design specifications. All equipment must be operational. Fire suppression system should be hooked-up and armed. Additional trips will result in charges to be covered by others.

### **INSTALLATION BY OTHERS**



James Johnson

RDI Mechanical 7150 Breen Houston, TX 77086

281-448-1700 Fax: 281-448-1768

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**Quote Date** 

Quote # SQ8429

#### **PROPOSAL**

-	ARTON COUNTY JUNIOR COLLEGE BOLING HWY	J O B S I T E	WHARTON COUNTY JUNIOR COLLEGE 911 E BOLING HWY, WHARTON, TX 77488	
	Attention: Doug Baumgarten			
Sales Rep:	James Johnson		Terms Net 30 Days	*
Curre	echanical is pleased to offer you this proposal for  Mullins Hall AAON Unit Replacement  Procure equipment and mobilize to jobsite.  Check in with customer and make safe work a Disconnect electrical and drainlines from unit.  Reconnect Electrical and Drain lines.  Perfrom start up on unit.  Verify proper operation and clean work area.  Check out with customer.		ollowing services:	
			Total Price:	<b>\$14,000.00</b> Excludes Taxes
1. A 2. U 3. E 4. D	DPOSAL EXCLUDES THE FOLLOWING  Any and all labor or materials for additional repairs.  Unscheduled overtime labor.  Electrical modifications of anykind unless specifically mention Delays not caused by RDI. Delays due to rust, bolts breaking  Tracceptance:	g, wea		

Regulated by the Texas Department of Licensing and Regulation, P.O. Box 12157, Austin, Texas 78711 1-800-803-9202, 512-463-6599. TACLA016771C TECL 27322

Thank you for this opportunity. If you have any questions or concerns, please call me at 281-448-1700.



RDI Mechanical 7150 Breen Houston, TX 77086

281-448-1700 Fax: 281-448-1768

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**Quote Date** 

Quote # SQ8429

#### TERMS AND CONDITIONS

By accepting this proposal, Purchaser agrees to be bound by the following terms and conditions:

1 SCOPE OF WORK. This proposal is based upon the use of straight time labor only. Plastering, patching and painting are excluded. "in-line" duct and piping devices, including, but not limited to, valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by RDI, shall be distributed and installed by others under RDI's supervision but at no additional cost to RDI. Purchaser agrees to provide RDI with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. RDI agrees to keep the job site clean of debris arising out of its own operations. Purchaser shall not back charge RDI for any costs or expenses without RDI's written consent.

Unless specifically noted in the statement of the scope of work or services undertaken by RDI under this agreement, RDI's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean up, control, removal, or disposal of environment Hazards or dangerous substances, to include but not be limited to asbestos or PCBS, discovered in or on the premises. Any language or provision of the agreement elsewhere contained which may authorize or empower the Purchaser to change. Modify, or alter the scope of work or services to be performed by RDI shall not operate to compel RDI to perform any work relating to Hazards without RDI's express written consent.

- 2 INVOICING & PAYMENTS. RDI may invoice Purchaser monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. Purchaser shall pay RDI hereunder and purchaser agrees to pay RDI on additional amounts invoiced upon receipt of the invoice. Waivers of lien will be furnished upon request, as the work progresses; to the extent payments are received. If RDI's invoice is not paid within 30 days of its issuance, it is delinquent.
- 3 MATERIALS. If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of RDI, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, RDI shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute there for.
- 4 WARRANTY. RDI warrants that the equipment manufactured by it shall be free from defects in material and workmanship arising from normal usage for a period of one (1) year from delivery of said equipment, or if installed by RDI, for a period of one (1) year from installation. RDI warranty that for equipment furnished and/or installed but not manufactured by RDI, and will extend the same warranty terms and conditions which RDI receives from the manufacturer of said equipment. For equipment installed by RDI, if Purchaser provides written notice to RDI of any such defect within thirty (30) days after the appearance or discovery of such defect, RDI shall, at its option, repair or replace the defective equipment. For equipment not installed by RDI, if Purchaser returns the defective equipment to RDI within thirty (30) days after appearance or discovery of such defect, RDI shall, at its option, repair or replace the defective equipment and return said equipment to Purchaser. RDI warrants its workmanship or that of its agents in relationship to installation of equipment and/or system repairs for a period of ninety (90) days from date of installation and/or service. Customer shall bear all labor costs associated with replacement of failed equipment, parts and/or harges incurred in connection with the warranty or the original manufacturer's warranty, but outside the terms of this express labor warranty. All transportation charges incurred in connection with the warranty for equipment not installed by RDI shall be borne by Purchaser. These warranties do not extend to any equipment which has been repaired by others, abused, altered or misused, or which has not been properly and reasonably maintained. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE. RDI warranty is not in effect if Customer account is PAST DUE.
- 5 LIABILITY. RDI shall not be liable for any special, indirect or consequential damages arising in any manner from the equipment or material furnished or the work performed pursuant to this agreement.
- 6 TAXES. The price of this proposal does not include duties, sales, use, excise, or other similar taxes, unless required by federal, state or local law. Purchaser shall pay, in addition to the stated price; all taxes not legally required to be paid by RDI or, alternatively, shall provide RDI with acceptable tax exemption certificates. RDI shall provide Purchaser with any tax payment certificate upon request and after completion and acceptance of the work.
- 7 DELAYS. RDI shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond RDI's control, including, but not limited to, acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner, or other Contractors or delays caused by suppliers or subcontractors of RDI.
- 8 COMPLIANCE WITH LAWS. RDI shall comply with all applicable federal, state and local laws and regulations and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits of a permanent nature shall be procured and paid for by the Purchaser.
- 9 DISPUTES. All disputes involving more than \$15,000 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and attorney's fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
- 10 INSURANCE. Insurance coverage in excess of RDI's standard limits will be furnished when requested and required. No credit will be given or premium paid by RDI for insurance afforded by others.
- 11 INDEMNITY. The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorneys' fees, which may arise in connection with the execution of the work herein specified and which are caused, in whole or in part, by the negligent act or omission of the-indemnifying Party.
- 12 OCCUPATIONAL SAFETY AND HEALTH. The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act relating in any way to the project or project site.
- 13 ENTIRE AGREEMENT. This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings.
- 14 CHANGES. No change or modification of any of the terms and conditions stated herein shall be binding upon RDI unless accepted by RDI in writing.