

Column1	Column2	Column4
Bid Items	Additional Descriptions	BID in FIGURES
<u>BASE BID: (LENNOX RTU'S AS SCHEDULED or Equal)</u>		\$ 1,150,000.00
	A. REPLACE ALL ROOF TOP UNITS (RTU'S) MARKED BASE BID APPROXIMATELY 52 UNITS. PROVIDE NEW EQUIPMENT TO MATCH EXISTING CURBS WHEN POSSIBLE OR PROVIDE WITH CURB ADAPTERS AS REQUIRED.	
	B. PROVIDE BIPOLAR IONIZATION UNITS ON ALL RTU'S	
	C. FOR UNITS BEING REPLACED, REPLACE GAS PIPING FROM SHUT-OFF VALVE AT UNIT PER DETAIL ONLY. (APPROXIMATELY LAST 5FT - 10FT OF PIPE). ALL OTHER EXISTING GAS PIPING AND SUPPORTS TO REMAIN AS IS. TEST / CLEAN / REUSE EXISTING GAS REGULATORS	
	D. FOR UNITS BEING REPLACED REPLACE CONDENSATE PIPING TO JUST PAST UNIT TRAP OR TO CLOSEST CONNECTION POINT TO EXISTING PIPING, WHICHEVER IS FARTHER. ALL OTHER EXISTING CONDENSATE PIPING IS TO REMAIN AS IS.	
	E. EXISTING EXHAUST FANS TO REMAIN UNLESS OTHERWISE NOTED.	
	F. KITCHEN HOOD SUPPLY/EXHAUST FANS AND COOLER/FREEZERS AND CONDENSING UNIT EXISTING TO REMAIN.	
	G. MDF ROOM: MODIFY DUCTWORK AND AIR DEVICES AS SHOWN IN CONJUNCTION WITH REPLACEMENT RTU-1P IN MDF ROOM.	

H. CONTRACTOR TO REPLACE EXISTING BAS CONTROL SYSTEM FOR ENTIRE CAMPUS WITH NEW UPGRADED ALC SYSTEM WITH CONTROL VERSION AND GRAPHICS TO MATCH OUTSIDE AIR UNITS COUNTIES CURRENT REQUIREMENTS. PROVIDE NEW CONTROLS FOR ALL ROOFTOP UNITS, FANS CURRENTLY CONTROLLED OF BAS AS DESCRIBED IN CONTROL SPECIFICATIONS AND TEMPERATURE MONITORING OF FREEZER/COOLER.

I. FIRE ALARM: REFERENCE FIRE ALARM SCOPE BOX: REPLACE ALL EXISTING DUCT DETECTORS. ADD CO DETECTION TO FIRE ALARM SYSTEMS FOR ALL AREAS SERVED BY UNITS WITH GAS HEAT.

J. ROOF AREAS LOOSELY CORRELATE WITH EXISTING FLOORPLAN SECTION DRAWINGS

K. INTAKE AREA, KITCHEN AND CAFETERIAS TO HAVE DOWNTIME MINIMIZED

L. WORK MUST FOLLOW SEQUENCE

M. ONLY 1 GYM UNIT CAN BE DOWN AT ONE TIME

N. REFERENCE ARCHITECTURAL PHASING PLANS FOR ADDITIONAL JOB TIMING AND PHASING PARAMETERS

O. MAJOR EQUIPMENT SUBMITTALS ARE DUE WITHIN 7 DAYS OF BID.

P. MAP WITH SUGGESTED CRANE LOCATIONS FOR REVIEW ARE DUE WITHIN 7 DAYS OF BID.

Q. REVEGETATION MUST OCCUR AT ANY DISTURBED AREAS.

R. PROVIDE UNIT LEVEL TEST AND BALANCING.

BID ALTERNATES:

BID ALTERNATE 01: PROVIDE ADD/DEDUCT PRICE TO BASE SCOPE WITH TRANE RTU'S, or equal.

ADD / DEDUCT Not Using Trane

BID ALTERNATE 02: PROVIDE COMPLETE NEW 5 TON, 2 STAGE UPFLOW SPLIT SYSTEM COOLING ONLY UNIT FOR MDF ROOM BACK A/C UNIT.	\$	8,890.00
BID ALTERNATE 03: REPLACE 1 ADDITIONAL AAON - RTU-1J, NOTED IN RTU SCHEDULE WITH ACCESSORIES / NOTE 22 ON SHEET MEP1.1.		
	BID ALTERNATE 03A: LENNOX or equal	\$ 11,420.00
	BID ALTERNATE 03B: TRANE or equal Not Using Trane	
BID ALTERNATE 04: CONTRACTOR TO PROVIDE AND INSTALL NEW VALENT OUTSIDE AIR UNITS AS SCHEDULED INCLUDING CURB ADAPTERS AS REQUIRED. PROVIDE PRICE FOR EACH UNIT BY UNIT DESIGNATION AS LISTED SEPARATELY BELOW FOR THE OWNER'S CONSIDERATION.		
	BID ALTERNATE 04A: MAU-2A	\$ 55,190.00
	BID ALTERNATE 04B: MAU-3A	\$ 96,117.00
	BID ALTERNATE 04C: MAU-4A	\$ 106,101.00
	BID ALTERNATE 04D: MAU-5A	\$ 81,075.00
	BID ALTERNATE 04E: MAU-6A	\$ 108,312.00
BID ALTERNATE 05: CONTRACTOR TO PROVIDE AND INSTALL CURB EXTENSION FOR ALL NEW RTU'S TO ENABLE FUTURE ROOF REPLACEMENT WITHOUT LIFTING RTU'S IN THE FUTURE. REFERENCE CURB EXTENSION DETAIL ON PLANS.		
	BID ALTERNATE 05A: FOR CURB EXTENSION AT ALL MECHANICAL UNITS AS PART OF THE BASE BID REPLACEMENT.	\$ 139,150.00

BID ALTERNATE 05B: FOR CURB EXTENSION AT MECHANICAL UNIT AS PART OF THE BID ALTERNATE 03 REPLACEMENT. \$ **2,616.00**

BID ALTERNATE 05C: FOR CURB EXTENSION AT ALL MECHANICAL UNITS AS PART OF THE BID ALTERNATE 04 REPLACEMENT. (PRICE PER UNIT TO APPLIED INDIVIDUALLY FOR BID ALTERNATE 04A - 04E AS APPROVED BY OWNER) \$ **4,600.00**

BID ALTERNATE 06: CONTRACTOR TO ADD ACCESSORY16 ON RTU SCHEDULE, SHEET MEP1.1 HOT GAS REHEAT, AND ADD CONTROLS AS REQUIRED TO ALL RTU'S 2.5 TONS AND LARGER FOR RTU'S NOT ALREADY SCHEDULED TO HAVE THIS DEHUMIDIFICATION ACCESSORY. \$ **61,632.00**

CONTRACT TIME: PROVIDE PROPOSED NUMBER OF CALENDAR DAYS OF CONTRACT TIME FOR THE PROJECT

Note: Proposed Time to include Mobilization; Submittal Prep, Review & Approvals; Fabrication & Delivery; Construction Installation, Automatic Building Controls; and any other necessary project tasks for a fully substantially completed project. Close Out Documents & Punch List will be handled within the 30 calendars that follow

160 Days

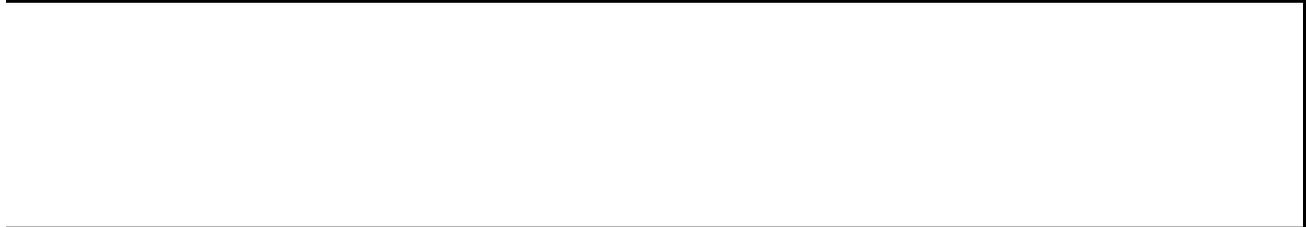
- Area 6 to be completed over 1 weekend. 2 Weeks
- Area 5 to be completed over 1 weekend 2 weeks
- 10 Weeks
- 1 Week
- 3 Weeks
- 3 weeks

Total for LENNOX & VALENT with All Alternates. \$ 1,843,503.00

Column5

BID in WORDS

One Million, one hundred fifty thousand, and 00 cents.



Calendar days from NTP to Subst Completion

Submittal Prep/Pre-construction verification of existing curbs

Submittal Review

VALENT Lead Time

Equipment delivery & staging

Unit replacements(Remove old units and new units back up and running)

Additional time for ALC/TAB

This Saves \$36,065.00 from the original bid submission.