

Request for Bids For CTE Equipment

The Rochester School District is seeking proposals for equipment for the CTE renovation.. Bids will be accepted until 12:00 noon Local Time on August 14th, 2019. EST. The bids will be opened publicly and read aloud at that time.

Bids shall be submitted to Kyle Repucci, Superintendent of Schools, Rochester School Department, 150 Wakefield Street, Suite 8, Rochester, New Hampshire 03867. Bids must be submitted in sealed envelopes plainly marked **BID FOR CTE Equipment**. Failure to properly mark the envelope will result in disqualification of the bid should it be prematurely opened.

Specifications with required Bid Form may be obtained at no cost from the Superintendent of Schools Office or on the District website at <http://www.rochesterschools.com/SAU/bids/bids.html>.

All bid proposals must be made on the bid proposal form supplied and the bid proposal form must be fully completed when submitted.

RFP Specifications:

Vendor can bid on all items or any combination. A Quote should be for each item and will be considered individually. Numbers of each unit are dependent on funding.

All prices include delivery to the Rochester School District, Rochester, NH.

The low (or chosen) bidder may be used for possible future orders during the next several months. Each additional order will require a written quote if the specifications or price has changed since this bid was submitted.

Wherever a specific product is specified by brand name and the term “or equal” appears in these specifications, it shall be the vendor’s responsibility to establish through objective independent performance reports that the proposed product will perform with the same reliability than the specified product.

Specifications should meet or exceed the listed specifications.

Item 1: 2 - 36" x 72" HOSPITAL BEDS or "equal"

The Hill-Rom Advance Series hospital beds are the number-one preferred bed by doctors for home health patients and are perfect for teaching facilities.

- Overall height, foot end, high to low position 42" (106.7 cm) to 27 1/2" (70 cm)
- Over height, head end, high to low position -- 43" (109.2 cm) to 29" (73.7 cm)
- Height, floor to top of mattress support surface, high to low position 31 1/2" (80 cm) to 16 1/2" (41.9 cm)
- Overall length (with cane bumpers) Fully extended: 93 1/2" (237.5 cm); fully retracted: 82" (208 cm)
- Overall length (with roller bumpers) Fully extended: 94" (238.8 cm); fully retracted: 82 1/2" (209 cm)
- Overall length (without bumpers) Fully extended: 91" (231.1 cm); fully retracted: 79 1/2" (202 cm)
- Overall width (including side rails in up position): 43 1/4" (109.9 cm)
- Overall width (side rail stored with #818 bumpers): 36 1/2" (92.7 cm)
- Total high-low travel: 14" (35.6 cm)
- Sleeping surface accommodates 36" x 84" mattress
- Weight bed with casters: 415 lbs. (188.6 kg) [Panels add 25 lb (11.4 kg)]
- Maximum patient weight: 500 lbs. (226.8 kg)
- Drop Ship
- Package set up and deliver available for an additional charge; Call and ask about our white glove delivery and setup services.

Item 2: 1 - AQUATIC DISPLAY/CULTURING SYSTEM OR "Equal"

Vertical Display System

- The Vertical Display Systems are the ultimate combination of compact design, striking appearance and superior filtration. Space-efficient design allows for convenient, self-contained installation. Accessible from the front, modules can be installed within 4" of a wall. The tilt-doors (with corrosion-free hinges) provide quick, easy access to all display tanks. Modular units provide the option of maintaining independent filtration "zones" — warm or cold, freshwater or marine — to showcase different aquatic environments.
- The automatic system refill and water exchange ensure constant water levels, efficient nitrate removal and constant pH. And, of course, all Vertical Display Systems feature the Marineland BIO-Wheel®.
- As water enters the module, waste is mechanically trapped by a poly-fiber prefilter pad. The carbon filter pack contains Black Diamond premium activated carbon for chemical filtration, efficiently adsorbing dissolved organic compounds.
- The list of standard features includes 33-gallon glass tanks (divided or undivided), lock-equipped electrical control panels and a constant water change system (fresh only). And every system is ETL-certified to meet UL standards for aquarium electrical equipment.

- Convenient Service Panels - Provide easy access to filtration media, heating or refrigeration units and electrical components.
- Fish-feeding Timers - Allow you to shut down the system pump for feeding and then automatically restore the system to full operation after a preselected time has elapsed.
- Fish Jumper Guards - Cut fish loss dramatically.
- Sump Replenishment Valves - Allow you to add water to the sump when water level drops below ideal operational levels.
- 5000 K Fluorescent Lamps - These energy-efficient and cool lamps are protected from moisture by a polycarbonate shield. To ensure maximum safety, the power cord is routed inside the system framework.
- Silk Screened Tank Backgrounds - Add a durable, aesthetically pleasing visual dimension.

Item 3: 12 - CONDENSING UNITS (HVAC)

High Temp Welded Condensing Unit: Refrigerant: R134a; HP: 1/2; Volts: 115-1; BtuH Capacity @ 20°F Evap.: 3,680; BtuH Capacity @ 25°F Evap.: 4,060; BtuH Capacity @ 30°F Evap.: 4,470; BtuH Capacity @ 35°F Evap.: 4,890; BtuH Capacity @ 40°F Evap.: 5,340; BtuH Capacity @ 45°F Evap.: 5,810; Compressor #: RRT62C1E-IAA; Min. Circuit Amps: 12.8; Max. Fuse Size: 20; Suction Conn.: 3/8" ODF; Liquid Conn.: 1/4" ODF; Receiver Capacity Lbs.: 2.2; Length: 16.6"; Width: 13.8"; Height: 11.7"; Wt. Lbs.: 55; Uses RRT62C1E-IAA compressor.

Sterling VSB04011 Vertical Hydronic Unit Heater:

- 115V / 1 PH / 60 HZ.
- Vertical airflow.
- Copper tubes.
- Aluminum fins.
- Field convertible to lower temperature outputs by removing air knockouts (for high steam pressures).
- Balanced aluminum fan.
- Optional fan guards and discharge accessories are available.
- Motor and electrical junction box.
- 20 gauge casing with heavy duty baked on finish.

Item 4: 11 -ECE Series Expansion Valve (Part of Condensing Unit)

- thermal expansion valves incorporate a brass body with ODF sweat fittings using balanced port construction, allowing operation over varying load conditions Designed for use on refrigeration systems, such as freezers, walk-in coolers, refrigerated cases, and air conditioning units All models have replaceable
- power element Field adjustable superheat

Item 5: 11 - 200RB Series Direct-Acting Solenoid Valve (Part of Condensing Unit)

- Direct-acting, normally closed valve
- Operates in any position; mount horizontally or vertically
- One coil fits all sizes; snap-on coil retainer eases installation and removal
- Maximum fluid temperature: 285°F
- Maximum operating pressure differential: 300 PS
- Listed capacity ratings are suggested nominal tonnage
- All valves less coil

Item 6: 11 - Dual Function Pressure Control (Part of Condensing Unit)

Cut-In PSI: 10" to 100; Cutout PSI: 150 to 450; Pressure Range PSIG: Up to 100 Low; 450 High; Diff. PSIG: 70 Fixed; Conn. Size: 3/8" Cap. w/ Flare Nut;

- Auto low/high pressure reset
- Variety of ranges and options for R12, R22, and R502

Item 7: Air Conditioning Condensing Unit LX Series, 13 SEER, Single-Phase, 2 Ton, R410A: (Part of Condensing Unit)

SEER: 13; EER: 11; Nom. Tons: 2; BtuH Cooling: 24,000; Volts: 208/230; Phase: Single; Motor Type: PSC; Min. Circuit Amps: 12.3; Max. Fuse Size: 20; Liquid Conn.: 3/8"; Suction Fitting: 3/4"; Refrigerant: R410A; Width: 24"; Height: 26-3/4"; Depth: 24"; Wt. Lbs.: 130; OEM TXV: [B19-657](#);

- High efficiency microchannel aluminum
- Stamped steel coil guard for coil protection
- High pressure relief valve,
- temperature sensor & high pressure switch for compressor protection
- Factory installed liquid line filter-drier
- Top discharge
- Low operating sound levels
- 208/230V
- Regional efficiency standards are now in effect. Make sure you adhere to all National, State, and Local efficiency standards in effect in your region

Item 8: R410A TXV Kit 3/4" CHATLEFF Connection: Wt. Lbs.: 2.00 (Part of Condensing Unit)

- The kit consists of a bolt-on thermal expansion valve, 2.5 feet of thermal insulation, bulb straps or bulb clamp and this instruction
- When a TXV kit is installed on systems using reciprocating compressors, a hard start kit must be installed; hard start kits are not necessary on units using scroll compressors
- Systems that use [B15-137](#) or [B15-138](#) valve do not require start kits
- For use with
- AC Units: TC3B(18-24-30)B21(H,S), TC4B(18-24)21H, TW4B(18-24)21S, TF4B(18-24)21S, RAC13L(18-24-30)B21S, RAC14L(18-24)B21S, RAW14L(18-24)B21S

**BID PROPOSAL FORM
CTE EQUIPMENT**

Company Name:
Address:
Phone Number:
Contact Name:
Email:
Fax #

Item	Item	Quantity	Price each	Total
1	36" x 72" Hospital Bed	2		
2	Aquatic Display/Culturing System	1		
3	Condensing Units (HVAC)	12		
4	ECE Series Expansion Valve	11		
5	200RB Series Direct-Acting Solenoid Valve	11		
6	Dual Function Pressure Control	11		
7	Air Conditioning Condensing Unit LX Series, 13 SEER, Single-Phase, 2 Ton, R410A	1		
8	R410A TXV Kit 3/4" CHATLEFF Connection: Wt. Lbs.: 2.00	1		

Any questions or concerns can be directed to:

**Kyle Repucci, Superintendent,
Rochester School Department**

Phone: 603-332-3678 or Michele Halligan-Foley, CTE Director