A. **Sheldon 26000 Axis Infinity Student Table:**
Remote Controlled, Motorized Adj. Hgt., 8ft. Work Surface, Metal Sink Base.

1. The Student Laboratory Table shall be multi-purpose and must be able to seat a minimum of four (4) students, accommodate computer technology, ADA accessibility, and combination lab/lecture functions. Work surface height is adjustable from 30" to 36" with a remote handset, quickly converting from lecture to lab height without altering the fixed ADA sink height or the mechanical and electrical connections.

2. The adjustable height Shelresin student work surface is curvilinear shaped and measures a **minimum of 96" x 50".** The unique contoured shape of the counter top is provided to eliminate sharp corners from projecting into the aisles. The adjustable height work surface top is 1" thick molded epoxy resin and has an integral raised marine edge.

3. The understructure for the adjustable work surface is constructed of a minimum 11-gauge steel and provides support for a 1,000 lb maximum load on the perimeter of the counter top. The U-shaped welded tubular steel frame is bolted to three (3) top mount brackets and screwed through angle brackets into the underside of the work surface to provide uniform support. The top mount brackets are bolted to and support the three (3) motorized lifting columns, which are firmly attached to a welded steel leg support frame that provides rigid stability for lifting the work surface.

4. Under the adjustable work surface is mounted a convenient lockable metal storage compartment for the upright rod assemblies.

5. Mounted in the lower rear section of the fixed sink base is a 110-VAC control box, activated by the remote-control signal, that synchronizes the three (3) motorized lifting columns that raise or lower the student work surface. The control box is provided with a safety load-limit dongle switch. Cables from control box to three (3) motors are housed in flexible conduit.

6. The sink is cantilevered from the sink base and supported by an 11-ga. heavy-duty, metal sink base assembly. The fixed Shelresin sink top is used for mounting the sink, water, and gas fixtures. The sink base assembly provides housing for the mechanical and electrical service lines and rough-in connections, and contains a front sink shroud, removable front panel to provide access to services, and left and right rear metal cover panels to enclose lower portion of the leg support frame.

    a. The 34" ADA fixed height sink top is 1" thick molded epoxy resin with an integral raised marine edge on four (4) sides. The overall top is 42" wide with curved front that is 31" deep front to back at center of curve and 22" front to back on each end. Space is allowed at the rear of the sink top for optional service fixtures or electrical/data outlets **when called for.** The juncture between the sides and rear of the fixed sink top and the adjacent adjustable height work surface is provided with a metal safety hand-guard.

b. The molded epoxy resin sink incorporates a two-tiered depth design to allow ADA accessibility at the front and a deep clean-up section at the rear of the sink. The sink has a unique curvilinear shape where the front is curved to match the curve of the counter top. The sink is 20-1/4" from the center of the front curve to the rear. The width of the curved front is 28-1/2" and the width of the rear is 22-1/2". The width of the sides is 16" and the overall depth of the sink is 11-1/2".

c. The front section of the sink has an integrally molded ADA ledge 28-1/2" wide, 8" front to back at the center of the curve, 5" deep from the sink top, and has molded drain grooves. The rear of the ADA ledge is sloped and designed to prevent splash from the two (2) water fixtures. The rear of the sink is a minimum of 12-1/4" from the rear of the ADA ledge. The sink shall accommodate approximately nineteen (19) gallons of water.

d. Each table is provided with an IR sensor extension eye housed in the sink shroud and connected to the control box in the sink base. Each table is provided with one (1) remote control handset.

e. The sink base is provided with one (1) box with GFI duplex receptacle located on each exterior end of the base, and one (1) quad box with two (2) Non-GFI duplex receptacles located on the right side of the interior wall of the base.
Junction box, internal conduit and wiring, and service lines from rough-ins to fixtures not included.

7. Sink base and leg support frame shall be bolted to the floor.

8. Standard color and finish of **all** metal components is black powder coated epoxy. Leg support frame assembly color is black only. The metal sink base, metal sink shroud, and rear metal cover panels are available in several additional colors shown on the Sheldon Metal Color Chart.

9. Standard services and accessories to be included with each table:

One (1) 80020-WB-CV Unicast cold water/gas vandal resistant fixture with wrist blade, angled gas valve, and check valve.
One (1) 80020-CV Unicast cold water/gas vandal resistant fixture with angled gas valve, and check valve.
Two (2) 85101 Box with GFI duplex receptacles.
One (1) 85201 Quad box with two (2) Non-GFI duplex receptacles.
Two (2) 86375 Sets upright clamp-on rod assemblies.
One (1) 109022 Infinity Sink with outlet and stopper.

Optional accessories available at additional cost:
One (1) PPA0001K Set clamp-on privacy panels (3-Panel Kit).
One (1) Pair data/electrical outlet flip-ups.
Two (2) Mobile storage cabinets; Classic Oak Series.