

BID SPECIFICATIONS

Bradley Central High School

BID SECTION: Part B

ITEM: Graduate Mobile/Folding Table with attached seats

MODEL: STTB 54 x 60" Oval or STTG 60" Octagon Mobile folding cafeteria table with 8 attached stools.
Dimensions: 60" x 54" oval or 60" Octagon, 30" table height.

1. Tops and benches (if equipped) shall have a minimum .040" high-pressure laminate, per NEMA specifications.
2. Tops shall use High Pressure Laminate backer sheet, providing balanced construction.
3. Tabletop and bench (if equipped) edges shall be unbanded and sealed with a sprayed urethane Armor Edge bonded to core for durability, moisture control and sanitation. 1-1/2" corner radius for durability and top plastic protection bonded to 18 mm (0.709") core with 5/8" edge radius for durability, moisture control and sanitation; (T-BAND NOT ACCEPTABLE).
4. Tabletop and bench (if equipped) core shall be 18mm (0.709") 32# Ultralight Medium Density fiberboard (MDF). Particleboard or plywood not acceptable.
5. Tops and benches (if equipped) shall be fastened to frame by expansion rivets-no wood screws allowed.
6. Tabletop frame shall be 14-gauge structural steel with 2" deep channel (one piece). The entire top frame shall be unitized construction with fully enclosed ends for support and strength. Legs shall operate from top frame—not tabletop.
7. Table legs to be held securely in the frame with use of a nylon retainer as a bearing surface. No metal-to-metal contact with table legs through the frame channel allowed.
8. Vertical center hinges shall be 7-gauge structural steel. Horizontal hinges not acceptable for sanitation purposes.
9. Table shall fold in one easy operation, assisted by Mechanical Strut Lift Assist System. Strut shall be all steel construction, completely self-contained, internally permanently lubricated with food-grade lubrication, 100% E-coated (Electrophoretic dip) finish, corrosion resistant, insensitive to temperature or harsh environment, marked with serial number from manufacturer and made in the USA. Steel torsion bars or gas (pneumatic) struts not acceptable.
10. Must accommodate 8 each 10"x14" food trays without touching trays or overlapping table edge.
11. Table shall have a 1/2" diameter chrome/steel gravity operated lock and prevent center from raising if weight is placed on table end. Lock to open from the folded and locked position must be located at operator's height.

12. Safety down-lock shall stop opening action $\frac{3}{4}$ of the way down for safety and easy cleaning purposes, and re-lock in fully open position.
13. Pivot points shall be a minimum $\frac{3}{8}$ " diameter steel bolts with aircraft lock nuts.
14. Metal parts to be high quality nickel chrome plated (or high quality powder coat) on high use/abuse areas, textured powdercoat enamel on low contact areas to reduce fingerprints.
15. Stools (if equipped) must rest itself $3\text{-}\frac{3}{4}$ " down on the load-bearing column.
16. Seat support posts shall be non-uniform shaped 16-gauge HSLA steel with a feature to inhibit seat rotation and enhance seat strength while accommodating $1\frac{1}{2}$ " X $\frac{7}{8}$ " non-threaded round caster stem for easy caster installation and replacement. HSLA steel shall have minimum 70,000 psi yield strength.
17. Each stool (if equipped) shall be as follows:
 - 11" x 14.25" contoured Comfort Stool one-piece heavily ribbed ABS plastic with a surface area of 160 in² with one piece ABS plastic Accent Guard underside cover shell affixed to Comfort Stool. Accent Guard must follow contour of Comfort Stool and completely cover the underside of the stool leaving no support ribs in view. Flat rectangular or square stool not acceptable.
18. Stool and bench (if equipped) lateral support arm shall be $1\text{-}\frac{1}{4}$ " 16 gauge HSLA steel with a 1" 16 gauge HSLA steel direct-to-floor load-bearing column. HSLA steel shall have minimum 70,000 psi yield strength.
19. Center to center stool (if equipped) spacing must be a minimum of 26" at all seating positions.
20. Tubular legs must be 16-gauge HSLA CREW steel with minimum 70,000 psi yield strength. All weldments must be full circumference convex welds.
21. Table shall not have floor level leg members "tripping bars" between seats.
22. Formaldehyde-free adhesives must be used to attach the top laminate and High Pressure Laminate backer sheet.
23. Glides to be $1\text{-}\frac{1}{2}$ " neoprene (non-marking) w/molded in steel washer insert.
24. In folded position unit shall rest on maximum of 4 x 4" diameter ball bearing raceway casters with non-marking sanitized TPR wheels and immobile center color thread guard. Unit shall pass through average 36" doorway.
25. Table must be GREENGUARD certified.
26. Tables must be Underwriters Laboratory listed (UL) (except Associate).

27. Manufacturer shall provide written Limited Lifetime warranty.
28. Table shall have manufacturer's serial number on frame with expanded parts list and operational instructions attached under tabletop.
29. Bidder must supply list of 5 installations within the state where current product has been in use. Contact person and phone number must be provided.
30. If bidding alternate, a list of all deviations from these specifications must be attached.