



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisement for Bids for Tables and Table Storage Carts for Hutchins Street Square

MEETING DATE: October 5, 1994

PREPARED BY: Community Center Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for the purchase of forty 36" x 96" folding tables, and five table storage carts for the Community Center at Hutchins Street Square.

BACKGROUND INFORMATION: Due to continual heavy use, and frequent public misuse of the old 36" x 96" folding tables currently utilized in the Center's multipurpose room, many of those tables are now beyond repair and considered unsafe.

The need for heavy-duty, lightweight tables designed and built for long service life justifies the specification of the Mity-Lite table, which carries a five-year parts and labor warranty.

FUNDING:	Budget Account: 120.0-752.05 - 1994/95:	\$3,800
	1993/94 Carryover:	\$4,700
	Estimated Cost:	\$8,000

BID OPENING: October 19, 1994


Charlene Lange, Community Center Director

APPROVED



THOMAS A. PETERSON
City Manager



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SPECIFICATIONS

Mity-Lite Composite Core Table

Table Size: 36" x 96" Rectangular, Model 3696

Outer Shell: Top plastic shell (table top surface): Formed from a nominal .060" thick sheet of high-impact ABS plastic. The entire top shell shall be permanently bonded to an internal wood laminate core.
Edge thickness of the table shall be a nominal 3/4".
Bottom plastic shell shall be formed from a nominal .050" thick sheet of high-impact ABS plastic, and shall be permanently bonded to the internal wood core at each point of contact.

Internal Wood Frame:
Internal wood frame shall be constructed of hardwood such as Alder, or wood laminates of equivalent strength and performance, and shall be nominally 3/4" thick.
Frame shall consist of cross members at approximately 4-1/2" intervals and a perimeter apron 2-5/16" high.
Cross members shall be nominally 3-3/8" and 1-3/8" wide, with a minimum of four of the wider cross members per table, and additional cross members across the center, minimum 2-5/16" high.
Framework shall be fastened together with 2" hardened wood screws and 1-1/4" pneumatically driven staples.

Internal Wood Laminate Core:
A 2.5mm -3.1mm thick wood laminate layer shall be permanently bonded to both outer plastic shells at each point of contact.

Internal Edge Reinforcements:
An extrusion of high impact ABS resin shall be permanently bonded to the interior of the table, running continuously around the entire perimeter between corner components.

Corner Reinforcement Component:
All corners shall utilize an external corner reinforcing component which shall fit tightly between the ends of the wood perimeter members.
Corner reinforcing components shall be injection molded of high impact ABS resin and shall have a nominal outside radius of 2".
Corner components shall be chemically welded in place, and shall be equipped with a replaceable white rubber anti-skid foot.

Trim/Bumper Extrusion:
Trim extrusion shall be chemically welded to the entire perimeter of each table, welding the top shell to the bottom shell.
Trim extrusion shall provide an aesthetic, finished edge. It shall be nominally .080" thick and 1/2" wide.
Welding of the trim component shall be continuous, sealing the perimeter of the table and making it impervious to moisture.

Leg Construction:
Table shall be equipped with fixed height pedestal type legs as standard, and shall have a 29" height from top surface to floor.
Standard leg shall be constructed of 1" diameter 18-gauge steel tubing. Vertical members shall each be attached to the horizontal pedestal tube using two fitted gusset plates of at least 16 gauge steel, riveted together through the tube using three 1/4" steel semi-tubular rivets.
Standard leg assembly shall incorporate a folding steel brace mechanism consisting of two .125" z-bars and a 16-gauge minimum 2" x 3/4" U-channel 12" long. Folding mechanism is connected together at 6 points using 1/4" steel pivot pins. Mechanism is locked by a gravity-operated 14 gauge steel lock ring.
Standard legs shall be coated with brown epoxy polyester powder, fused at 350°F for 10 minutes.

Leg Mounting System:
Leg assemblies shall be mounted to the outermost 3-3/8" wide cross members of the internal wood frame using 14 gauge minimum steel brackets with 1/4" diameter steel pivot pins.
Folding braces shall be attached to other 3-3/8" wide frame cross members with 16 gauge minimum steel brackets.
All brackets shall be secured with a minimum of 3 each 1/4" diameter x 3/4" long plated hex-head bolts into plated steel "T-nut" type fasteners having at least three anti-spin prongs each. Each "T-nut" type fastener shall be pressed into the frame cross members from the top side.

Performance:
Table top surface shall withstand direct contact with hot objects having a temperature up to 160°F for a maximum of 10 minutes.
Table shall support a uniformly distributed load of 1500 lbs. without failure or permanent deformation of table top, structural frame or legs.

Warranty: Five (5) years on all parts and labor.