

Invitation to Bid (ITB) # 32901-13165
Specifications for Steel Prison Furniture
Tennessee Department of Correction (TDOC)

I. GENERAL

a. Introduction:

This is a procurement for the Tennessee Department of Correction (TDOC) to establish a contract for the provision of steel prison furniture. This shall be a thirty-six (36) month contract with two (2) annual options to renew for one (1) year each not to exceed sixty (60) months, to allow purchases on an ongoing basis by all TDOC facilities across the State of Tennessee as needed. This contract shall include a catalog line allowing for specialty/custom furniture as needed by TDOC. The Contractor shall provide for ninety (90) day delivery and twelve (12) months warranty of the furniture. The TDOC shall provide dock unloading and set up and installation of the furniture.

b. Submittals

Contractors shall provide all construction details, material descriptions, technical drawings with dimensions of individual components, profiles and finishes of each type of furniture as indicated below.

- i. **Manufacturer Drawings:** For furniture types, include plans, elevations, sections, details, and attachments to building substrates.
 1. Indicate locations, dimensions, and methods of typical wall and floor anchorages where required.
 2. Show elevations of furniture types and indicate dimensions of furniture, preparations for receiving anchors, and locations of anchorage.
 3. Show details of attachment of furniture types to typical substrates.
- ii. **Welding certificates:** For each type of furniture from manufacturer
- iii. **Product certificates:** For each type of furniture from manufacturer
- iv. **Operations and Maintenance data** for each type of furniture to be provided at time of delivery.

c. Quality assurance

- i. **Source Limitations for furniture:** Obtain each type of furniture from single source from single manufacturer.
- ii. **Materials and equipment** shall be standard products of a manufacturer regularly engaged in the manufacture of products which are of a similar material, design, and workmanship and are offered for sale on the commercial market through advertisements, manufacturer's catalogs, or sales brochures. The products shall have been in commercial or industrial use under similar circumstances and of similar size for two (2) years prior to selection for approval/procurement.
- iii. **Products** shall have a 2-year field service record; newer or custom furniture will be constructed of materials per these specifications.
- iv. If Contractor utilizes powder coated steel, the color shall be battleship grey
- v. **Welding qualifications**
 1. AWS D1.1/D1.1M, "Structural Welding Code - Steel."

2. AWS D1.3, "Structural Welding Code - Sheet Steel."
3. AWS D1.6, "Structural Welding Code - Stainless Steel."

d. Delivery storage and protection

Contractor shall provide the following:

i. Packaging and transportation

1. Each unit of equipment shall be shipped disassembled if necessary to fit through 3' wide doors and placed in a shipping container or crate for safe transportation to final destination. The shipping container or crate for heavy equipment shall be on skid construction to facilitate handling by lift equipment.

ii. Packing List

1. Clearly and legibly indicate on exterior of each container or crate the shipping address and a brief description of contents. Fasten to outside of container a packing list and complete instructions for uncrating equipment and setting it in place. Protect such information in a weatherproof envelope.

iii. Protection

1. Properly protect all materials and equipment from injury and damage during storage, and acceptance.

iv. Freight

1. Shipping costs shall be included into the final cost of the product.

e. Warranty

i. The Contractor shall provide manufacturer's standard form or written warranty for all items listed.

ii. The Contractor shall provide warranty against failures in materials and workmanship. Warranty shall include material, labor and all associated replacement and/or repair costs required to provide for a fully operational equipment replacement or repair. Failures include but are not limited to the following:

- a. Structural failures including deflection exceeding $\frac{1}{4}$ inch.
- b. Faulty operation of hardware.
- c. Deterioration of metals, metal finishes, and other materials beyond normal detention use.

iii. Warranty period

One year from date of delivery or better.

f. Recommended Manufacturers

Contractors shall utilize the below listed manufacturers or equivalent:

1. American Detention Supplies, 420 Commerce Lane, West Berlin NJ 08091 telephone 888-768-5240
2. KryptoMax, by G@ Automated Technologies, llc. 10500 Metric Drive Suite 122, Dallas, TX, 75243, email sales@G2at.com web www.Kryptomax.com telephone 972-479-0699
3. TRICOR, Tennessee Rehabilitative Initiative in Correction, 240 Great Circle Road Suite 310, Nashville, TN 37228, 615-741-5705. www.TRICOR.org.

4. Stronghold 6833 Strawberry Lane, Louisville, KY 40214 telephone 1-800-880-2625; email Quotes@strong-hold.com ; attention Aaron Martin
5. Tensco 201 Tensco Drive, Dickson, TN 37055 telephone 866-446-8686; email ssimpkin@tensco.com
6. Durham Manufacturing, 201 Main Street, Durham CT. 06422 telephone 1-800-243-3774.
7. Claborn Manufacturing, 20865 Sandy Road, Tanner, AL 35671 Phone 256-773-3017 web claborn.com

II. PRODUCTS:

The Contractor shall provide the following:

a. Tables

i. Sizes

1. Table top rectangular sizes
 - a. (27"-33")x(57"-63")
 - b. (27"-33")x(69"-75")
 - c. (27"-33")x(81"-87")
 - d. (27"-33")x(93"-99")
 - e. (33"-39")x(69"-75")
2. Table top round sizes
 - a. (33"-39") diameter
 - b. (39"-45") diameter
 - c. (45"-51") diameter
 - d. (51"-57") diameter

ii. Materials

1. Manufacturer proprietary standards shall include:
 - a. Table Top shall be stainless steel Type 304
 - b. DA brushed finish
 - c. Top 12 gage or thicker
 - d. Frames minimum 3"x3/16" mild tubular steel with powder coating or fully welded stainless steel.
 - e. Base 1/4" mild steel plate with powder coated finish and prep for anchors
2. Manufacturer proprietary standards may include:
 - a. Hand cuff rings
 - b. Drawer

b. Tables with built in 12" diameter stools

i. Sizes

1. Rectangular sizes
 - a. (27"-33")x(57"-63") – four (4) seats
 - b. (27"-33")x(69"-75")- six (6) seats
 - c. (27"-33")x(81"-87")- eight (8) seats
 - d. (27"-33")x(93"-99")– eight (8) seats

2. Round sizes
 - a. (39"-45") round - four (4) seats
 - b. (39"-45") round – three (3) seats with ADA accommodation or accessibility
 - c. (45"-51") round – six (6) seats
 - d. (51"-57") round – eight (8) seats
- ii. Materials
 1. Top
 - a. Stainless steel Type 304
 - b. DA brushed finish
 - c. 12 gage
 2. Frames Structure
 - a. 3"x3/16" mild steel or 3" diameter, 16 gage mild steel with powder coating.
 3. ¼" mild steel base plate powder coated finish with provisions to bolt down to floor and all tamper resistant fasteners
- c. Chairs
 - i. Types
 1. Chairs or floor mounted stools
 2. Materials
 - a. Seats :11 gage mild steel with powder coated finish
 - b. Seat supports: 3" square mild steel with powder coated finish
 3. Base plates 3"x16" x 3/8" mild steel with powder coated finish and prep for floor fasteners.
 - ii. Mounting
 1. The posts, legs and base attachments shall use security type fasteners and be engineered for concrete floors to withstand detention grade use.
- d. Desks
 - i. Sizes
 1. 30"dx60"wx30"h
 2. 30"dx72"wx30"h
 3. Top 12 gage Seats 16 gage stainless steel Type 304 #4 brushed
 4. Legs or posts 12 gage mild tubular steel with powder coating or fully welded stainless steel.
 5. Each desk shall come with one (1) computer caddy attached on the left and two (2) filing drawers attached on the right side of the desk.
- e. **Security Fasteners**

Contractor shall provide anchorage tools and hardware suitable for securely anchoring all fixed furniture types with tamper resistant security fasteners that are operable only by tools produced by fastener manufacturer or other licensed fabricator for use on specific type of fastener. Contractor shall provide exact number of fasteners for each furniture type with drive-system type, head style, material, and protective coating as required for securing to concrete substrates and TDOC will install using designated provided tamper resistant security anchors and tools.