

## UPHOLSTERY STATEMENT OF WORK

1. The objective of Air Force Services is to move towards simplification of selections for upholstery for all types of AF Lodging projects. Upholstery selections will be transitional in style. Paragraph 3 provides visual suggestions for preferred styles or equal; take note of the variety of arm styles, cushion size, cushion type to include loose/semi attached/tight, leg types/styles, arm styles etc.
2. Offerors are required to submit pricing for the furnishings listed in Paragraph 3 of this document. An example price list is included in this solicitation and contains AF Lodging's standard Customers Own Material (COM) upholstery options. No deviations to the fabric selections will be considered.
3. Products: Subject to compliance with requirements, provide the products as indicated to comply with outline below and include features and options for each item scheduled herein. AF Lodging has standard furniture coverings (fabric/vinyl/leather) to be COM included in the offers; upholstery covering designations provided in the attached Section B pricelist. The upholstery pieces are as follows:

- A. **Sofa** (style must match B (Sofa Sleeper) and C (Loveseat) within Paragraph 3) – Offeror must submit (4) options minimum. Below sofa styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. 78-86" length
  - b. Two and three cushion seat option(s)
  - c. Loose, Semi-attached and tight back cushion option(s)
  - d. Feet (block, ball, bun, short taper)
  - e. Arms (panel, sock, saddle, track, modern, tuxedo, etc.)
- B. **Sofa Sleeper (full)** with upgraded mattress (style must match A (Sofa) and C (Loveseat) within Paragraph 3) – Offeror must submit (4) options minimum.
- a. 68-75" length
  - b. Two and three cushion seat option(s)
  - c. Loose, Semi-attached and tight back cushion option(s)
  - d. Feet (block, ball, bun, short taper)
  - e. Arms (panel, sock, saddle, track, modern, tuxedo, etc.)
- C. **Loveseat** (style must match A (Sofa) and B (Sofa Sleeper) within Paragraph 3) – Offeror must submit (4) options minimum.
- a. 52" to 72" length
  - b. Two cushion seat option(s)
  - c. Loose, Semi-attached and tight back cushion option(s)
  - d. Feet (block, ball, bun, short taper)
  - e. Arms (panel, sock, saddle, track, modern, tuxedo, etc.)

- D. **Chair-Occasional**– Offeror must submit (4) options minimum. Below chair styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- Not to exceed 36"Wx36"Dx40"H
  - Loose cushion seat option(s)
  - Loose, Semi-attached and tight back cushion option(s)
  - Feet (block, ball, bun, short taper)
  - Arms (panel, sock, saddle, track, modern, tuxedo, etc.)
- E. **Ottoman** (style to match Occasional Chair D within Paragraph 3) – Offeror must submit (4) options minimum.
- Not to exceed proportional dimension of matching chair
  - Attached or tight cushion option(s)
  - Feet (block, ball, bun, short taper)
- F. **Side Chair** - Offeror must submit (2) options minimum. Below chair styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- Not to exceed 20"Wx26"Dx40"H
  - Armless
  - Upholstered seat and back with tight cushion
  - Wood legs with stretchers
- G. **Barstool and Counter stool**– Offeror must submit (2) options minimum. Below bar/counter stool style is only a representation of style options AF Lodging is interested in seeing in the submittal.



- Armless – Not to exceed 20"wx20"D
  - Upholstered seat and back with tight cushion
  - Wood legs with stretchers
  - Counter height should have 24"-27" seat height
  - Bar height should have 28"-33" seat height
- H. **Bench**– Offeror must submit (2 each) options minimum. Below bench styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. Arm Bench – Not to exceed 54”Wx22”Dx28”T with SH 19”
- b. Armless Bench - Wood framed bench with upholstered seat – Not to exceed 44”Wx20”Dx18”H

I. **Desk Chair** – armless– Offeror must submit (2) options minimum. Below desk chair styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. Not to exceed 24”Wx28”Dx44”H
- b. Back height between 38-44” H
- c. Tilt
- d. Swivel
- e. Pneumatic Lift Adjustable height
- f. Rolling 5 star (spoke) leg base

J. **Chair with hiding ottoman**– Offeror must submit (1) option minimum. Below chair with hiding ottoman styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



Dimensions not to exceed 36”Dx36”Wx38”H

- a. Not to exceed 36”Wx36”Dx36”H
- b. Tight and Loose Cushion back option(s)
- c. Seat cushion loose or tight option(s)
- d. Feet (block, ball, bun, short taper)
- e. Arms (panel, sock, saddle, track, modern, tuxedo, etc)

K. **Tablet Chair** – Offeror must submit (1) option minimum. Below tablet chair styles are only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. Not to exceed 32”Wx32”Dx36”H
- b. Tight back
- c. Tight and Loose Cushion back option(s)
- d. Seat cushion loose or tight option(s)
- e. Tablet function to be right arm or left arm
- f. Feet (block, ball, bun, short taper)

- L. **Armless Chair** – Slipper Chair– Offeror must submit (2) options minimum. Below armless chair style is only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. Not to exceed 30"Wx30"Dx36"H
- b. Tight or semi-attached cushion back option(s)
- c. Seat cushion loose, semi-attached or tight option(s)

- M. **Conversation Sofa** (Lobby ONLY) (Style to match A/C/D within Paragraph 3) – Offeror must submit (1) option minimum. Below curved conversation sofa style is only a representation of style options AF Lodging is interested in seeing in the submittal.



- a. 96" W approximately
- b. Three cushion
- c. Loose/semi-attached/tight back
- d. Loose cushion seat
- e. Feet (block, ball, bun, short taper)
- f. Arms (panel, sock, saddle, track, modern, tuxedo, etc)

4. **Exposed wood** must be available in a minimum of three shades to include: "light, medium, and dark". These colors will match the three following laminate colors to coordinate with AF Lodging casegoods.
- A. Light – to match laminate: Arborite W134 VL Cognac Curly Anigre
  - B. Medium – to match laminate: Arborite W430 VL Pecan Tekka
  - C. Dark – to match laminate: Pionite Witchcraft WX421-H Hi-Brite

**Fabric/Leather:**

Upholstery will be as specified (COM) by AF Lodging from standardized fabric selections.

5. **SPECIFICATIONS:**

**A. PERFORMANCE REQUIREMENTS:**

**Support Capability:**

Able to support an evenly distributed 50-pound per square foot static load or 300-pound concentrated load without failure or other conditions that might impair furniture's usefulness.

**B. GENERAL CONSTRUCTION:**

**Frame:**

Select kiln-dried hardwoods and/or hardwood plywood to be Furniture Grade and not exceed 6-7.5 moisture content. All the plywood parts to be ¾" CNC Routed and Puzzle

Cut for consistent fit and strength. Frames are to be firmly assembled with dowels, corner blocks, interlocking joints, screws, metal fasteners, mechanical attachments, and commercial grade glue as needed. Seat and Back Spring Rails to be all Hardwood Maple or Beech. Should be reinforced with corner blocks that are glued and screwed in place.

**Exposed Wood Frames:**

Constructed of Maple, Beech or other select hardwoods, assembled using corner blocks, interlocking joints, screws, metal fasteners, mechanical attachments, and commercial grade glue as needed.

**Legs:**

Standard Wood Legs to be produced using Hardwoods. The legs to be attached with wood screws, “T” Nut and threaded hanger bolt construction, or legs built into the frame based on the model.

**Springs/Sinuuous Coil:**

Seat Springs and Back Springs to be No Sag tempered Steel Sinuous; tied together with 14 to 16 gauge spring tie wires to keep them uniformly spaced. 4-5” or less spacing on center. Tight back seating is constructed with 11-gauge ARC springs with stabilizing clips. Back spring standard 10 to 12 Gauge; Seat springs standard 8 to 11 Gauge. Each spring is attached with insulated clips to eliminate noise.

**Foam:**

**Back Cushion (loose, attached & semi-attached):**

Environmentally friendly high resiliency foam. Minimum density Back Poly 2.0 lb. per cubic foot (Density 33); polyurethane foam with a layer of Darcon (or equal) attached to each side for comfort and to achieve a “crowning” effect. OR 3-channel, blown fiber back in a sewn ticking insert.

**Seat Cushion:**

Environmentally friendly high resiliency foam. Weight 2.3 lb. Density: 30 to 40 depending on seat thickness and size. Upgraded coil spring cushions with ultra-cell foam have a 5-year warranty. Both cushions meet California Technical Bulletin 117-2013.

**Standard Back Cushions (loose, attached & semi-attached):**

3-channel, blown fiber back in a sewn ticking insert.

**Foam Back Cushions:**

Made with a minimum density of 1.8 pounds per cubic foot Density30 polyurethane foam wrapped in a layer of Dacron.

**Padding/Arm Poly:**

Environmentally friendly high resiliency foam. Weight 1.8 lb. Density: 30 to 40 All upholstered pieces have a blend of polyester and cotton batting with a layer of foam that will pad the arms, back and cushions for added comfort. These materials meet California Technical Bulletin 117-201.

**Sleeper Mechanism/Mattress:**

Sleeper Mechanism: Leggett & Plat 3500 Series Square Tube Mechanism paired with upgraded mattress. Minimum upgraded 5-6” thick mattress, 1” thick quilted foam cover, resilient 13.5” gauge tempered steel innerspring coils or fiber cover over viscoelastic foam. Quilted damask cover.

**Ergo Chairs:**

Standard pneumatic seat height adjustment, black nylon composite 5-prong spider base with black barrel casters, ergo gas cylinders lift height adjustment, tilt tension, and tilt lock.

**C. FINISHING:**

Finish of any exposed wood must be shaded to match AF Lodging Standards for “light, medium and dark”. At a minimum, the finishing process will include water based stain, water based sealer, hand sanding, sealer, hand sanding and water based top coat. This multi-step finishing process will be on all exposed wood seating. The complexity of a finish dictates the number of steps required.

**D. WORKMANSHIP GUIDELINES:**

Upholstery pieces is to be free of rattling, squeaking, creaking, or popping. All legs to be equal in length to provide proper leveling.

**Cushions:** Boxed edge cushions to be constructed with top and bottom fabric panels that are connected by an additional strip of fabric between the two panels, making the cushion look more boxed with well-defined edges due to the double seams. A self-welt to be used on all cushions. Cushion to have high quality medium density Polyurethane Foam with Fiber Wrap Batting. The Fiber Batting is made with a thin polyester foam wrapper that will add a ½” to 2” of additional low-density loft to the polyurethane filled cushions.

**Arms:** A self-welt to be used on all arms where fabrics are adjoining.

**Welting:** Welting will be sewn into the seams of the cushion in which the seam cannot be seen and is given an appearance of a piping or tubing instead. Welting will be in the same fabric as the upholstered item. This provides a crisper look to the cushion while providing enhanced stitching durability.

**Zippers:** Cushions to include a convenient zipper for opening and closing the cushion. Zippers are located on the back width. Throw pillows to have blown fiber filled bag inserts and zippers on the bottom edge.

**Decorative Nail Head Trim:** Nail head is acceptable if it enhances the look of the upholstery frame.

**Glides, Casters and Ferrules:** Devices properly attached to remain permanently in place at all times.

**Stitching:** All seams shall be reinforced, utilizing heavy duty, commercial quality thread of fiber compatible with upholstery fiber compositions. Top stitching on the desk chairs. Double top stitch seam or French seam with top stitch will be used on the desk chairs and any item fabricated in vinyl or leather.

**Air Vent:** Install air vents, ventilator and collar, in cushions that are fabricated with leather, vinyl or water barrier backing on fabric (like Crypton or equal). To be installed in the zipper boxing side of the cushion.

**E. APPEARANCE AND FINISH:**

Color of like finishes to be colorfast, uniform, and compatible between pieces manufactured in the plant. Distressing, shading, highlighting and splatter in any one

group shall be consistent and uniform between pieces and from one cut to another. Finish rubbed to required smoothness and sheen and dried to prevent marring or printing on the surface when packed.

**F. WARRANTY**

All merchandise to be warranted to be free from defects of material and workmanship/manufacturing for a period of five years starting at the time of delivery of the product to the AF installation. Upon initial arrival any damaged parts will be replaced/repared as necessary to provide a “new” item as ordered. Repairs can be done on site or by factory services. Replacement items and freight charges for those items will be at the expense of the upholstery vendor.

**G. CRATING:**

Merchandise is covered with an abrasion proof padded bag. Wooden skids are attached to bottom of front/back rails extending beyond approximately 4 inches. These are anchored to a crate frame, which provides approximately 4 inches of air space between merchandise and crate. Crate frame is sheathed in corrugated carton material. Packaging shall be suitable for containerized oceanic shipping.