SECTION 06 41 00 – ARCHITECTURAL WOOD CASEWORK

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

A. Design Requirements:
   1. Wood cabinets not permitted in wet areas.
   2. Comply with AWI standard; grade as indicated.

PART 2 - PRODUCTS

2.1 WOOD-VENEER-FACED ARCHITECTURAL CABINETS

A. WOOD CABINETS FOR TRANSPARENT FINISH
   1. Grade:  AWI Premium preferred; AWI Custom acceptable based on Project cost.
   2. Type of Construction:  Frameless.
   3. Cabinet and Door and Drawer Front Interface Style:  Flush overlay.
   4. Wood for Exposed Surfaces:
      a. Species:  White birch or as approved by the University Project Manager.
      c. Veneer Matching:  Book match veneer leaves and center-balance match within panel face.
      1) Cabinet veneers in each space from a single flitch.
   5. Cabinet Interior (not exposed to view):  Thermoset decorative panels.

B. MATERIALS
   1. Cabinet Hardware:
      a. Frameless Concealed Hinges (European Type):  BHMA A156.9, B01602, 100 degrees of opening.
      b. Wire Pulls:  Back mounted, solid metal, 4 inches long, 5/16 inch in diameter.
      c. Heavy Duty Adjustable Shelf Standards and Supports:  BHMA A156.9, B04071; with shelf rests, B04081.
      d. Shelf Rests:  BHMA A156.9, B04013; metal; for normal duty cabinet shelving.
      e. Catches:  Magnetic catches, BHMA A156.9, B03141.
      f. Drawer Slides:  BHMA A156.9, B05091.
         1) Heavy Duty (Grade 1HD-100 and Grade 1HD-200):  Side mounted; full-extension type; zinc-plated steel ball-bearing slides.
         2) Box Drawer Slides:  Grade 1HD-100; for drawers not more than 6 inches high and 24 inches wide.
         3) File Drawer Slides:  Grade 1HD-200; for drawers more than 6 inches high or 24 inches wide.
         4) Pencil Drawer Slides:  Grade 1; for drawers not more than 3 inches high and 24 inches wide.
         5) Keyboard Slides:  Grade 1HD-100; for computer keyboard shelves.
         6) Trash Bin Slides:  Grade 1HD-200; for trash bins not more than 20 inches high and 16 inches wide.
      g. Door Locks:  BHMA A156.11, E07121; where indicated and approved by the University Project Manager.
      h. Drawer Locks:  BHMA A156.11, E07041; where indicated and approved by the University Project Manager.
      i. Track for Sliding Doors:
      j. Offset Carrier for Sliding Doors:
      k. Cam Locks:  Basis-of-design product; National, C8103.
      l. Grommets for Cable Passage through Countertops:  2-inch OD, molded-plastic grommets and matching plastic caps with slot for wire passage.
Exposed Hardware Finishes: Satin chromium plated; BHMA 626 (US26D).

C. SHOP FINISHING
   1. Grade: Same grade as woodwork.
   2. Extent: All cabinets shop finished.

2.2 PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS

A. WOOD CABINETS FOR OPAQUE FINISH
   1. Grade: AWI Premium preferred; AWI Custom acceptable based on Project cost.
   2. Type of Construction: Frameless.
   3. Cabinet and Door and Drawer Front Interface Style: Flush overlay.
   4. Laminate Cladding for Exposed Surfaces:
      a. Horizontal Surfaces: Grade HGS.
      b. Postformed Surfaces: Grade HGP.
      c. Vertical Surfaces: Grade HGS.
   5. Cabinet Interior: Thermoset decorative panels.

B. MATERIALS
   1. Cabinet Hardware: Same as for wood-veneer-faced architectural cabinets.

2.3 PLASTIC-LAMINATE COUNTERTOPS

A. Materials:
   1. High-Pressure Decorative Laminate Grade: HGS.
   3. Backer Sheet: Provide plastic-laminate backer sheet, Grade BKL, on underside of countertop substrate.

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 06 41 00