This specification section is provided in CSI-format, and intended to be included in the Project Manual for a construction project. Delete models and options not required for your project, and modify to your project requirements.

SECTION 102814

ADULT CHANGING STATIONS

PART 1: GENERAL

* 1. SECTION INCLUDES
     1. Adult Changing Stations, Adjustable Height:
        1. Adjustable-Height Adult-Changing Station (Koala Model KB3000-AHL)

* 1. RELATED REQUIREMENTS
     1. Section 061000 - Rough carpentry, blocking in walls.
     2. Section 092100 - Plaster and gypsum board assemblies, blocking in walls.
     3. Section 093000 - Tiling, coordination with tile layout and installation.
     4. Section 260000 – Electrical service installation.
  2. SUBMITTALS
     1. Product Data: Submit manufacturer's data sheets for each product specified, including the following.
        1. Installation instructions and recommendations, including templates and rough-in measurements.
        2. Storage and handling requirements and recommendations.
        3. Cleaning and maintenance instructions.
  3. QUALITY ASSURANCE
     1. Manufacturer: Provide products manufactured by a company with a minimum of 5 years successful experience manufacturing similar products.
     2. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
     3. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA, ICC A117.1 International Building Code (IBC), and state building code requirements as applicable.
     4. Manufacturing Location: United Kingdom
  4. DELIVERY, STORAGE, AND HANDLING
     1. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations. Protect from damage.
  5. WARRANTY
     1. Manufacturer’s Warranties: Submit manufacturer’s standard 3 year warranty for materials and workmanship.

PART 2: PRODUCTS

* 1. MANUFACTURER
     1. Basis of Design Products: Based on the quality and performance requirements of the project, specifications are based solely on the products of Koala Kare Products, a Division of Bobrick, www.koalabear.com.
     2. Substitutions: The Architect will consider products of comparable manufacturers as a substitution, pending the contractor's submission of adequate documentation of the substitution in accordance with procedures in Division 1 of the Project Manual. Documentation shall include a list of five similar projects of equivalent size where products have been installed for a minimum of two years.
  2. ADULT CHANGING STATIONS, HEIGHT-ADJUSTABLE
     1. Surface-Mounted Adjustable Height Changing Station :
        1. Basis of Design: Model KB3000-AHL as manufactured by Koala Kare Products, a Division of Bobrick.
        2. Powered-Height Adjustability: Changing surface shall electronically adjust from 12” (300mm) to 41” (1,041mm) from floor.
        3. Unit shall have two sets of built-in electronic controls for height adjustment. One located on face of wall cover and one on the front of changing surface.
        4. Weight Capacity: Tested to support up to 500 lbs. (227 kg.) static load.
        5. Changing Surface shall be polyethylene and meet IK10 standard for resistance to high impact and sharp objects.
        6. Back-Up Battery: Unit shall have a built-in backup battery system that allows for continuous operation in the event of a power interruption.
        7. Emergency Stop: Unit shall include a wall-mounted emergency stop to break power to actuator.
        8. Changing Surface shall be a minimum 75 ¼” (1,911mm) long, and 31 ½” (800mm) wide, and can be opened and closed with one-hand.
        9. Unit shall have a safety rail with a curved dip in the center for easier patient changing by caregiver. Safety rail rotates and locks under changing bed when in closed position.
        10. Unit shall withstand significant exposure to water without damage to electrical components. It shall include a grounded power cord and have a splash-proof control system. Electrical components and wiring shall not come in contact with station users or caregivers.
        11. Changing surface shall not have covered areas to help ensure cleanliness.
        12. Unit shall have ISO 60601-1 and -2 whole product certification.
        13. Durability: Cycle tested through range of motion 28,000 times at 500lbs. Stress tested to 100,000 cycles with 500lbs. bounce load test.
        14. Frame shall be constructed of 2” powder coated steel tubing.

PART 3: EXECUTION

* 1. INSTALLATION
     1. Install products in strict compliance with manufacturer’s written instructions and recommendations, including the following:
        1. Verify wall blocking has been installed properly.
        2. Verify required electrical services have been installed properly.
        3. Verify wall location does not interfere with door swings or use of fixtures.
        4. Use fasteners and anchors suitable for wall substrate and project conditions.
        5. Install units at location and height indicated on the drawings.
        6. Install units level, plumb, and in proper relationship with adjacent construction.
        7. Adjust for proper operation.
  2. PROTECTION
     1. Protect installed products until completion of project.
     2. Touch-up, repair or replace damaged products before substantial completion.

END OF SECTION