

## LIST OF BID ITEMS

### Electric Ranges

**Note: Items 1 through 8 are Gas Ranges**

9. Ranges, Electric, 4-Surface Units, 36 inches wide.
10. Ranges, Electric, 4-Surface Units, 30 inches wide.
11. Ranges, Electric, 4-Surface Units, 24 inches wide.
12. Ranges, Electric, 4-Surface Units, 20 inches wide.
13. Ranges, Electric, 4-Surface Units, 20 inches wide. Same as item 12 and shall include the range features designed for use in housing for the elderly – heating element indicator lights, oven interior light, and burner control switches.
14. Ranges, Electric, 4-Surface Units, 24 inches wide. Same as item 11 and shall include the range features designed for use in housing for the elderly – heating element indicator lights, oven interior light, and burner control switches.

## SPECIFICATIONS FOR STANDARD ELECTRIC RANGES

1. SCOPE. Furnish and deliver, as ordered, new electric ranges as specified herein.
2. DESCRIPTION OF BID ITEMS:
  - Item 9: Range with four surface cooking units (three 6-inch and one 8-inch) with oven and broiler below. 36"
  - Item 10: Range with four surface cooking units (three 6-inch and one 8-inch) with oven and broiler below. 30"
  - Item 11: Range with four surface cooking units (three 6-inch and one 8-inch) with oven and broiler below. 24"
  - Item 12: Range with four surface cooking units (three 6-inch and one 8-inch) with oven and broiler below. 20"
3. Operating Service: 120/240 volts, 3-wire, single- phase, 60-HZ.  
(Type of operating service required will be specified by ordering activity on purchase order.)
4. General Requirements:
  - 4.1 Range body back panel and underside shall have (a) coat of porcelain enamel, (b) coat of high temperature baked enamel, (c) baked on black japan, (d) galvanized or aluminized steel.
  - 4.2 Top heating elements shall be plug-in type or tilt lock hinge type and should be provided with means to hold unit in level position. All wiring in top burner box area shall be properly secured for protection of user from electrical shock.
  - 4.3 The standard electric range connection cords/pig tails will not be ordered with the ranges, therefore, the cost of connection cords is not to be included in the price of the range. If required by ordering activity, connection cords will be furnished at an additional price as shown on bid sheets (Items 11 through 14). Pricing to be provided for both uninstalled connection cord and factory installed connection cord.
  - 4.4 **NEW Ranges with front controls must be ADA Certified.**
  - 4.5 An oven thermostat control shall be provided to allow controlling oven temperatures down to 170 degrees Fahrenheit. Oven time control is not required.
  - 4.6 Bake elements shall be a minimum of 2000 watts for ranges 20", 24", and 36" and a minimum of 2400 watts for the 30" size range. Broil elements shall be a minimum of 2300 watts.
  - 4.7 Each range shall be equipped with at least two leg levelers.

4.8 Oven Door. The 24", 30", and 36" ranges shall be equipped with a lift off oven door.

Oven doors shall be of the drop-shelf type, counter-balanced and provided with a device which shall hold the door fully closed. Hinges shall be of a type that permit ready removal and replacement of hinge brackets and parts subject to wear. Oven doors shall be provided with a means for adjusting a misaligned door.

4.9 Ranges without a storage drawer may be equipped with only one oven rack.

4.10 Each range shall be equipped with anti-tip bracket.

4.11 Design. The ranges shall be free standing, designed for flush-to-wall or slide-in installation, and except for export ranges, suitable for operation on a nominal 120/240 volt, 60 Hz, 3 or 4 wire, single-phase, alternating current (AC) system. All ranges shall be white and, except for size 20 ranges, shall have storage compartments. All storage compartments shall be located beneath the oven. Export ranges shall be designed to operate on 4-wire, three-phase 380/220 "Y connected" AC service. All components must be designed for 220 volt, single-phase power.

4.12 Insulation. Blanket type insulation shall be fiberglass, installed in a manner to prevent sagging, and be of sufficient thermal efficiency to meet surface and handle temperature test as specified in American Standard z21.1 (latest version).

4.13 Oven vents. Ovens shall be provided with a vent design that deflects moisture and heat away from the wall behind the range. **Also, Energy efficient vent less ovens are acceptable. (NEW) Please use add or deduct on the bid price sheet.**

4.14 Exterior Surfaces. The exterior surface of the range shall be porcelain enamel, except body sides and front panels (including the oven door) may be finished in synthetic baked-on enamel capable of withstanding 250 degrees Fahrenheit, with trim in accordance with the manufacturer's standard practice. The back guard, manifold shield, and sub top may be porcelain enamel. The range body back panel, legs, and/or base shall be porcelain enamel, baked-on enamel, galvanized or aluminized steel.

4.15 Back Splashes. Each range shall be equipped with a back splash not less than 4 inches higher than the top cooking surface and extending the full width of the range top.

4.16 Equipment and Accessories. The equipment and accessories supplied with each range, such as oven racks and broiler pans, shall be those normally supplied with the manufacturer's standard production for the type range ordered.

- 4.17 Nameplate. A nameplate shall be securely fastened to a main part of each range in an accessible place. It shall bear a permanent record of the manufacturer's name and address, the range model and serial number, and the manufacturer's normal hourly BTU input rating for the oven, broiler and top burners.
- 4.18 Cooking Top. The range top shall be hinged at the back for easy cleaning and access to heating element. It may have a supporting rod to hold top in raised position or be removable. The supporting rod, when in the raised position, shall be designed to prevent accidental closing of the range top. A counterbalanced top is also acceptable.
5. Approval Requirements: UL listing and copy of UL labels in brochure. Brochure should include all models bid and be noted by pen as to CPC item bid.
6. Specifications For Electric Ranges Designed For Housing for the Elderly (Items 13 and 14): Ranges furnished under this Specification shall be the same as the Type I, Style I, Size 4 and 5, standard electric ranges offered under 12 and 13, but shall, as a minimum, include the following additional items:
- The location of controls for ranges and cook-tops shall not require reaching across burners.
- 6.2 Surface Indicator Lights. The range shall have a light for each heating element and oven unit that will clearly indicate when on. The indicator light shall be an integral part of, or adjacent to, each control switch or adjacent to each top surface heating unit.
- 6.3 Oven Interior Light: The range shall have a light in each oven that will clearly illuminate the interior when the oven is open.

## **GUARANTEES**