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SUPERSEDING
A-A-50743
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COMMERCIAL ITEM DESCRIPTION

CLEANER, ULTRASONIC, WITH RINSE AND DRY, 5.5 GALLON

The General Services Administration has authorized the use of this Commercial Item Description.

Abstract. This Commercial Item Description covers a cabinet type ultrasonic cleaner having washing, rinsing and drying capability. The cleaning tank shall have a heater.

Salient characteristics. The Ultrasonic Cleaner shall have at least the following characteristics:

1. Capability. The cleaner shall clean with ultrasonic cavitation, rinse and hot air dry. The clean, rinse and dry capability may be either all combined in one cabinet or may be contained in individual cabinets.
2. Dimensions.
 - a. Cleaning tank. The ultrasonic cleaning tank shall have internal dimensions not less than fourteen (14) inches long by nine (9) inches wide by ten (10) inches cleaning medium depth.
 - b. Rinse and dry. The rinse tank and hot air drying chamber shall each have dimensions equal to or greater than the actual internal dimensions of the ultrasonic cleaning tank.
3. Heater. The cleaning tank shall be heated by means of a variable, thermostatically controlled electric heater capable of maintaining the cleaning medium at 160 degrees F independent of any ultrasonic heating effect.
4. Generator. The ultrasonic generator shall operate at a frequency of either 27 kHz or 40 kHz. The true cleaning power output to the tank shall be not less than 100 watts per gallon of cleaning medium.
5. Cleaning medium. The ultrasonic cleaning medium shall be water with readily available appropriate cleaning agents added such as soaps, detergents, or wetting agents.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Support Division, SA-ALC/MMDEMM, Kelly AFB TX 78241-5000.

AMSC N/A

FSC 4940

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7. Completeness. The cleaner shall be furnished complete with all items normally supplied to non-military customers. The cleaner shall be ready for use after tank filling and connection to the required utilities: electric power supply, cold domestic water and waste drain.

8. Electric power. The cleaner shall be suitable for connection to a source of 120 volt 1 phase 60 hertz electric power source unless otherwise specified.

Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards and quality assurance practices. The Government reserves the rights to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, provided they fall within specified tolerances using conversion tables contained in the latest revision of Federal Standard No 376, and all other requirements of this Commercial Item Description are met.

If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch/pound units, a request should be made to the contracting officer to determine if the product is acceptable.

The contracting officer has the option of accepting or rejecting the product.

Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements of exposing the supplier's employees to undue hazards from the recovered materials.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Custodian:
Air Force - 99

Preparing activity:
Air Force - 82

Review activity:
Army - AL
DLA - CS

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