

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-460
Item to be Scouted	Autoclave sterilizer
Days to be scouted	15
Response Due By	08/27/2026
Description	The station needs 3 of these; they are high-pressure steam sterilization devices used to make medical, surgical, laboratory, dental, pharmaceutical, and other reusable equipment free of microorganisms, including highly resistant bacterial

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA

Describe the manufacturing processes (elaborate to provide as much detail as possible)	1. Design & Engineering Engineers define sterilization chamber size, pressure ratings, steam generation method, cycle types (gravity, pre-vacuum, dynamic air removal), and safety systems. CFD/thermal modeling is used to ensure uniform steam penetration. Material selection centers on 316L stainless steel for chamber and piping because of corrosion resistance under high heat and pressure. 2. Core Components Fabrication Chamber Fabrication Stainless steel sheets are rolled and seam-welded to form pressure-rated cylindrical or rectangular chambers. Welds undergo radiographic inspection for porosity and pressure performance. Pressure Vessel Reinforcement Exterior jackets, stiffeners, and steam jackets are welded on to support 30–40 psi pressure loads. ASME pressure-vessel certification applies. Door Assembly Doors are milled from thick stainless steel with manual or automatic locking systems (mechanical, radial-locking, or sliding). Door gaskets made from high-temperature silicone or EPDM. Steam Generation & Piping Includes: - Boilers or internal steam generators - Vacuum pumps (for pre-vacuum models) - Steam traps and filters - High-temperature valves and pressure regulators All high-pressure lines are TIG-welded and pass hydrostatic pressure testing. 3. Controls & Electronics PLC-based control systems installed with: - Temp & pressure sensors - Load probes - Safety interlocks Control panel software is validated to meet sterilization standards (ISO 17665). 4. Assembly & Integration Chamber mounted to frame. Steam generator, pumps, cooling systems, vacuum ejectors, and drain systems connected. Electrical harnessing routed and insulated for thermal protection.
Provide dimensions / size / tolerances / performance specifications for the item	Need manufactured or commercial off the shelf Autoclave sterilizer similar in form, fit, and function to the GSS67N Steam Sterilizer. See information for the GSS67N Steam Sterilizer below 1. Identification & Verified Sources Authoritative sources used: - Getinge Product Specification: GSS67N Steam Sterilizer (PS_GSS67N_EN-US_REV.009) — chamber sizes, volumes, installation options;

https://s3.amazonaws.com/om-production/paperclip/product_attachment_attachments/67612/original/PS_GSS67N_EN-US_REV.009_T27793_2022-04-04.pdf

- FDA 510(k) K172159 — Getinge GSS67N Series (models 6710, 6713, 6717), validated cycles and performance;
<https://fda.innolitics.com/submissions/HO/subpart-g—general-hospital-and-personal-use-miscellaneous-devices/FLE/K172159>

- Getinge Product Specification: GSS67H Series (rev. 10) — capacity planning, temperature range;
https://care-techs.com/wp-content/uploads/2025/05/gss67h-series_prodspec_gss67h_rev10_en_nonus-1.pdf

- Getinge GSS67H brochure (DMS-0003293-rev1) — energy/water savings and clean steam materials;
https://www.getinge.com/dam/hospital/documents/english/getinge_gss67h_steam_sterilizer_brochure-52090-en.pdf

2. Inner Chamber Dimensions & Volumes (GSS67N Series)

All dimensions below are manufacturer-published inner chamber sizes and nominal volumes.

Model Inner Chamber (W × H × D) Volume (Single Door) Volume (Double Door)

GSS67N-6710 660 × 700 × 1000 mm 481 L 468 L

GSS67N-6713 660 × 700 × 1300 mm 621 L 609 L

GSS67N-6717 660 × 700 × 1700 mm 809 L 796 L

Source: Getinge GSS67N Product Specification.

3. Load Capacity (for Planning)

Capacity values (STU/ISO/SPRI) are published in GSS67H spec and are representative for chambers of the same size. Confirm final capacity with Getinge for your GSS67N unit.

Model / Chamber Length STU (600×300×300 mm) ISO (600×400×200 mm)

SPRI (585×395×195 mm)

6710 (1000 mm) 6 6 6

6713 (1300 mm) 8 9 9

6717 (1700 mm) 10 12 12

Source: Getinge GSS67H Product Specification (rev. 10).

4. Performance Specifications

Sterilization Method: Pressurized saturated steam; air removal via vacuum pump (pre-vacuum/dynamic air removal).

Typical Sterilization Temperature Range: 121°C to 135°C (per Getinge GSS67H spec; confirm for your ordered configuration).

Validated Cycle Types: Prevac, Gravity, Immediate Use Steam Sterilization (IUSS), Liquids, Leak Test; custom cycle names available. (FDA 510(k) K172159).

Sterility Assurance & Validation: Demonstrated SAL 10⁻⁶; F0 = 12 during validated cycles; software validation per FDA guidance; electrical safety IEC 61010-1/-2-040; EMC IEC 61326.

Construction Materials: Chamber material: Stainless Steel SA240; clean steam configurations use high-grade stainless piping/valves.

Utility Efficiency (GSS67H brochure): Up to 20–30% lower energy consumption and up to 95% lower water consumption with recirculating cooling solution.

5. Installation & Configuration Options (GSS67N)

Installation: Recessed into wall(s) (standard); optional cabinet enclosure (single door) or mixed recessed/cabinet (double door). Service side standard left; optional right-side service.

Vacuum Pump: Standard in-cabinet; optional remote mount up to 15 m (same floor or below).

Additional Options: Wheels for installation; drip tray; pass-through (double-door) configurations.

	6. Tolerances & Standards Dimensional Tolerances: Exact numerical tolerances are not published in Getinge's public product sheets. Pressure vessel materials and welds conform to applicable standards (e.g., ASME/SA240). Request vendor drawings for manufacturing tolerances. Cycle Performance Tolerances: Temperature/pressure uniformity and air removal performance validated via empty and loaded tests; moisture retention limits per ANSI/AAMI ST8.
List required materials needed to make the product, including materials of product components	Metals 316L stainless steel (chamber, piping, valves, trays) Carbon steel (outer jacket, frame) Nickel-clad steel (optional chamber) Brass (valve bodies) Aluminum (control panel housings) Silver-nickel alloy (electrical contacts) Plastics & Polymers Silicone (door gaskets) PTFE/Teflon (seals, vacuum pump parts) Polypropylene (autoclavable plastics) Polycarbonate (view windows, control panel plastics) PEEK/PEPS/PMP (high-temperature accessories) Glass Borosilicate glass (indicator windows, lab containers) Insulation Mineral wool Ceramic fiber Elastomers EPDM seals High-temp rubber components Electronics Gold-plated copper PCBs LED/LCD/TFT screens Stainless sensor housing
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	Yes
Details	Must be compliant with ISO 17665
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	This is for Valley Coastal Bend Healthcare system; there are approximately 20 counties in the area and there are roughly 110,000 Veterans who can be served.
Estimated target price / unit cost information (if unavailable explain)	Per IGCE, the estimated cost is \$115,000 per sterilizer
When is it needed by?	Immediately

Describe packaging requirements	Individually wrapped; delivery must be coordinated with a local point of contact
Where will this item be shipped?	Harlingen, TX 78550

Additional Comments

Is there other information you would like to include?	This is needed quickly and must be a 'turn-key' installation
---	--