Item	Equipment #	Description	Quantity	Extended Discount Price
1.0000	BPS060909D	**BPS Model 699 Sterilizer With Double Door; GMP** 316L SS construction for chamber and tubing; 304 SS, full jacket for superior temperature control. Chamber and jacket design from full vacuum to 3.1 barg. PID modulated on-off valve for chamber temperature control within +/-0.5 deg C. Independent reference temperature probe. 2.5" sanitary clamp chamber validation port. Two-stage, liquid ring, water saving vacuum pump. Effluent discharge cooled to 60?C or below. Fully tested at factory according to unit specific FAT procedures. GMP document package includes manual, drawings, manufacturing, and FAT documents. Built to ASME Section VIII - Division 1, ASME BPE, cGMP, GAMP, CE (PED, MD, LVD, EMC) , IEC, EN, UL, CSA standards in ISO 9001 certified facility.	1	
1.0100	BPS060909D001030101	**Control System Allen-Bradley-Compact Logix CPU, PanelView Plus 700 Color Touch Panel** Control System Allen-Bradley-Compact Logix CPU, PanelView Plus 700 Color Touch Panel	1	
1.0200	BPS060609D010030201	**Operator Interface Control Function (Sterile Side) Allen-Bradley** (OPTION 10.3.2) (installed on unit) An operator interface terminal is provided on the sterile side instead of the standard indicator lights. Operator Interface Control Function (sterile side) is used for selecting and starting cycles and displaying real-time process data and alarms on the sterile (unload) side of the sterilizer. This option is only available when double doors are provided.	1	
1.0300	BPS060909D001010202	**Process C Indirect Water Cooling - RA <0.6** (Option 10.1.2 and Option 10.4.18) (installed on unit) Standard prevacuum or forced air removal; Fo or timed exposure; vacuum drying, pulsed drying, or rated exhaust post conditioning. Includes jacket cooling with air over-pressure in post conditioning phase. All chamber penetrations, pure steam, sterile air lines and condensate/drain line up to the first valve are enhanced to surface roughness Ra 0.6 µm (25 µinch) or better. Also the components in specified lines are enhanced to the same surface finish or better. Tube bending is replaced by welded elbows to maintain surface finish of 0.6 micron Ra. The tubing is electropolished.	1	
1.0400	BPS060909D001044401	**Lyth Pressure Gauges - Standard** Lyth Pressure Gauges - Standard	1	
1.0500	BPS060909D001043901	**Rupture Disc for Chamber - Standard** Rupture Disc for Chamber - Standard	1	
1.0600	BPS060909D001044301	**Wika Pressure Transmitter - Standard** Wika Pressure Transmitter - Standard	1	
1.0700	BPS060909D001047302	**Code 7 Stainless Steel Filter Housing** (Option 10.4.73.1) (installed on unit) The disposable housing 0.2 micron air filter is replaced by a Code 7 ten inch (254 mm) 316L SS stainless steel filter housing and 0.2 micron filter element.	1	
1.0800	BPS060909D001020101	**Air Actuated Door Gaskets - Standard** Air Actuated Door Gaskets - Standard	1	
1.0900	BPS060909D001030205	**Voltage 480VAC 60Hz UL/NEC**	1	
1.1000	BPS060909D001040101	**Pressure Vessel Code ASME-Rated to 45 psig and Full Vacuum** Pressure Vessel Code ASME-Rated to 45 psig and Full Vacuum	1	
1.1100	BPS060909D001040202	**Pressure Vessel Finish - Polished Ra < 0.6 - Epoxy Coated Carbon Steel Frame (Option 10.4.18.1) (installed on unit)** Pressure Vessel Finish - Polished Ra < 0.6 - Epoxy Coated Carbon Steel Frame (Option 10.4.18.1) (installed on unit)	1	

Item	Equipment #	Description	Quantity	Extended Discount Price
1.1200	BPS060909D001032201	**3-Phase Electrical Connections-Control Power is Transformed to 24 VDC** 3-Phase Electrical Connections-Control Power is Transformed to 24 VDC	1	
1.1300	BPS060909D001030301	**Integrated Control System** Integrated Control System	1	
1.1400	BPS060909D001070101	**Customer Attended FAT-2 Days includes Customer attended FAT time. Travel Expenses Not Included** Customer Attended FAT-2 Days includes Customer attended FAT time. Travel Expenses Not Included	1	
1.1500	BPS060909D001030401	**Panel printer 83 characters per row**	1	
1.1600	BPS060909D010050100	**Extended Pressure Vessel And Piping Documentation** (Option 10.5.1) Includes standard manufacturing documents plus: -Summary of pressure vessel welding -Pressure vessel and piping isometric with welding logs -Welders' qualifications -Welding procedure specifications for pressure vessels (WPS) -Filler metal certificates -Gasket certificates -Insulation certificate -0.2 micron filter certificate -Passivation certificate -Electropolishing certificate -Surface treatment certificate -Summary of pipe welding -Protective inert gas certificate -Welding equipment and calibration certificate -List of the piping material certificates -Material certificates (piping) -List of the component material certificates -Component certificates	1	
1.1700	BPS060909D010050300	**Extended Control System Validation Documentation** (Option 10.5.3) Includes standard control system documents plus: software/hardware design specification, software test documentation, PLC change control documentation and I/O List.	1	
1.1800	BPS060909D010050400	**FAT Procedures And Results** (Option 10.5.4) Procedures and Results package integrates detailed written procedures and test plans into the FAT report. These can be used for SAT or to complement IQ/OQ procedures. -Specification reference source -Testing pre-requisites -Installation checks procedures -Operational checks procedures	1	
1.1900	BPS060909D010043000	**Component Data Sheets** (Option 10.4.30) Provides ISA style component data sheets for main process instruments and components supplied on the system. Includes Finn-Aqua item numbers, component type/usage, manufacturer, model number, pressure and temperature range, material of construction, functional connections, etc.	1	

Item	Equipment #	Description	Quantity	Extended Discount Price
1.2200	BPS060909D011023100	**Transfer Trolley** (Option 11.2.31) The transfer trolley is designed to support and convey the loading cart to and from the chamber and throughout the facility. A mechanical interlock system is provided to lock the transfer trolley to the sterilizer chamber while loading/unloading the cart. Another mechanical interlock system is provided to lock the loading cart to the transfer trolley to enable safe movement of the combination. The total weight on the transfer trolley is not to exceed 400 kg (880 lbs). -AISI 304 stainless steel -Two (2) swivel wheels with brakes and two (2) fixed wheels without brakes -Wheels polyamide with an exterior polyurethane coating with stainless steel mounting hardware Note: The transfer trolley is required for sterilizer applications that use a loading cart and are not pit mounted	2	
1.2300	BPS060909D011020500	**Wire Shelf For Loading Cart (Brackets Included)** (Option 11.2.5) Designed to be used on the loading cart to support assorted products. It is constructed from AISI 316L stainless steel and electropolished. The maximum weight per shelf is not to exceed 50 kg (110 lbs).	2	
1.2400	BPS060909D010041501	**Air-Differential Seal (Sterile Side)** (Option 10.4.15.1) (installed on unit) The sterilizer is provided with an air-differential seal at the sterile end of the sterilizer to maintain pressure difference between the sterilizer service area and classified area. The seal is fabricated from AISI 304 stainless steel. Silicone caulking is used to seal the panels within the sterilizer frame. Adjustable interface panels are provided at the top, bottom, and both sides with a silicone gasket to seal the system to the facility structure.	1	
1.2500	BPS060909D010041600	**Feed-Through Assembly For 36 Thermocouples** (Option 10.4.17) Provides one (1) thirty-six (36) thermocouple feed through assembly for the validation port enabling the insertion of thermocouples into the chamber.	1	
1.2600	BPS060909D010046300	**EN 285 Compliance Accessories** (Option 10.4.63) (installed on unit) Designed to meet the requirement for porous load sterilizer. System includes sample ports to determine non-condensable gases, superheat, and dryness fraction tests. Option also provides an air detection system based on an additional temperature probe located in the drain line. Temperature probe is included.	1	
1.2700	BPS060909D010043800	**Pneumatic Key Lock For Door(s)** (Option 10.4.38) (installed on unit) Provides a safety lock system for disabling all the chamber door functions during service and cleaning operations.	1	
1.2800	BPS060909D010042500	**Sterile Air Filter Integrity Test Ports And Valves** (Option 10.4.25) (installed on unit) Includes the required connections, valves, and fittings for the water intrusion test of the 0.2 micron air inlet filter. The test is performed with an external testing device (testing device not part of the delivery).	1	
1.2900	BPS060909D010041100	**Trim Panel Set (Each Side)** (Option 10.4.11) The sterilizer is provided with trim panels for sealing the gap between the sterilizer facial panels and facility wall opening for recessed one (1) or two (2) wall installations. Panels are manufactured of AISI 304 stainless steel.	1	
1.3000	BPS060909D010042300	**Utility Shut Off Valves** (Option 10.4.23) (installed on unit) Provides manual shutoff ball valves on the domestic water, pure steam, air and cooling water lines as required (excluding the drain) to isolate the utility lines.	1	

Item	Equipment #	Description	Quantity	Extended Discount Price
1.3100	BPS060909D010042600	**Utility Supervision And Monitoring** (Option 10.4.26) (installed on unit) Provides pressure switches and local monitoring gauges for pure steam, domestic water, and compressed air lines. The following alarms will occur if operation conditions are not met: compressed air pressure low, water pressure low and pure steam pressure low.	1	
1.3200	BPS060909D010043400	**Chamber Passivation** (Option 10.4.34) The chamber is passivated with a solution that is composed of hydrofluoric acid, nitric acid, and deionized water after fabrication. A chamber passivation certificate is included.	1	
1.3300	BPS060909D010048000	**Chamber Tracks - Standard (Provided In Bottom Of Chamber For Use With Finn Aqua Standard Loading Equipment)** Chamber Tracks - Standard (provided in bottom of chamber for use with Finn Aqua standard loading equipment)	1	
1.3400	BPS060909D010020400	**Automatic Sterilization Of Air Filter** (Option 10.2.4) (installed on unit) Cycle that automatically sterilizes the 0.2 µm sterile air filter, filter housing, and piping from the filter housing to the chamber air shut-off valve. The cycle is controlled by an independent PID control loop and RTD.	1	
1.3500	BPS060909D010020900	**Closed Loop Cascade Jacket Cooling** (Option 10.2.9) A vacuum pump flows water through a jacket manifold. Heated water passes through a heat exchanger before returning to a supply tank. Operates in a closed loop. Requires attachment to the facility's closed loop cooling system. Option includes 10.2.7.	1	
1.3600	BPS060909D010041502	**Air-Differential Seal (Non-Sterile Side)** (Option 10.4.15.2) (installed on unit) The sterilizer is provided with an air-differential seal at the non-sterile end of the sterilizer to maintain pressure difference between the sterilizer service area and classified area. The seal is fabricated from AISI 304 stainless steel. Silicone caulking is used to seal the panels within the sterilizer frame. Adjustable interface panels are provided at the top, bottom, and both sides with a silicone gasket to seal the system to the facility structure.	1	
		Subtotal for line 1		
2.0000	POU400	**STERIS Finn-Aqua Point-of-Use Pure Steam Generator POU-400** Point-of-Use Pure Steam Generator for stand-alone use or integration to sterilizer frame. The pure steam produced meets and exceeds the requirements of the current USP, EP, and JP for WFI utilizing double tube sheet evaporator design and three-stage pyrogen separation system.	1	
2.0010	POU400P	**Feed Water Booster Pump** With this option, the unit is equipped with a AISI316 stainless steel multistage centrifugal pump. Motor is TEFC Cage rotor (IP54/NEMA 13) and aluminum casing. This option is required if the feed water supply pressure to POU-unit is less than 4 bar [58 psig].	1	
		Subtotal for line 2		
3.0000	SE6006224	**Supervision Of Installation (Per Day)** STERIS Supervision of Installation service provides a representative in an advisory capacity to guide the set-in-place, final connection and installation activities on the equipment, which are carried out by the Customer or a third party. This is based on a per-day rate, according to the scope of installation. The STERIS District Service Manager will determine the time and cost for each installation.Any additional visits required beyond the scope of this quotation will be billed on a time and material basis.	3	

Item	Equipment #	Description	Quantity	Extended Discount Price
4.0000	SE0311425	**Start-Up - Finn-Aqua GMP Sterilizer** STERIS Start-Up service provides a representative who will: • Execute the STERIS Installation/Start-up Checklist for the equipment • Verify that building utilities are to the design specification of the equipment • Verify that the installation was adequately performed and documented • Verify that the operational requirements are met Modifications to the structure and/or content of our standard documentation are available for an additional charge. STERIS requires that a minimum of three (3) week's notice be given to the responsible District Service Manager to allow for scheduling of personnel. STERIS requires that all of the necessary utilities be available and operational without interruption for the duration of the start-up.	1	
5.0000	SE6003824	**IQ/OQ - F/A BPS Sterilizer (Part 1 - Document)** The STERIS Installation Qualification/Operational Qualification (IQOQ) Service is designed to provide the documentation and testing necessary to comply with the appropriate regulatory requirements for validation. This service includes a detailed equipment and site-specific document, all the labor and material required to execute the procedures/tests within the document, and a full NIST or ISO traceable calibration. Modifications to the structure and/or content of our standard documentation are available for an additional charge. STERIS requires that a minimum of three (3) weeks notice be given to the responsible Service Manager to allow for scheduling of personnel. Prior to commencing with this service, STERIS requires that the equipment be fully started-up and operational. In addition, all of the necessary utilities must be available and operational without interruption for the duration of the IQOQ. Please note that for an IQOQ Service the standard lead time* is up to 6 weeks from either: • the shipment of your new equipment • receipt of your purchase order if your equipment is already installed *Lead times may be adjusted based upon the Customer's IQOQ document approval timeline	1	
6.0000	SE6003824098	**IQ/OQ - F/A BPS Sterilizer (Part 2 - Execution)** The Execution of a Customer's pre-approved STERIS IQOQ documentation package (ordered separately) is performed on-site by a STERIS representative. The Execution follows the IQOQ Document to validate proper equipment operation and includes a full NIST or ISO traceable calibration. The STERIS Calibration service will be performed on appropriate process measuring equipment used in manufacturing and manufacturing-support environments. Qualified STERIS Service personnel using NIST or ISO traceable instrumentation perform all program services according to documented STERIS protocols and procedures.	1	
7.0000	PPS000041	**Basic Spare Parts Package - Finn-Aqua BPS Sterilizers**	1	
8.0000	SHIPPING & HANDLING	**CHARGES** STERIS's designated carriers are extensively trained to best handle our complex equipment needs and ensure safe and timely delivery of all products. Our carrier representatives work to ensure accurate deliveries specific to your timeline as well as problem resolution should there be any delays, damages or redelivery required.	1	
Currency: USD		**Quote Total Excluding Taxes**		