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Requirement	PR481166
Due date	7/3/2026
NAICS Code	334516
NAICS Description	Analytical Laboratory Instrument Manufacturing
Standard Business Size	1000 Employees
Description	Martin Christ Analytical Laboratory Freeze Dryer in support of Oak Ridge National Laboratory.

Bill Of Materials

Line #	OEM	Part Number	Item Description	Quantity	UOM
1	Martin Christ	102153	Alpha 1-4 LSCplus [208V, 60Hz]	1	pc
2	Martin Christ	125041	Extension unit HED-16 needed for heat able shelves	1	pc
3	Martin Christ	125307	Vacuum pump RZ-6 with suction capacity 5.7 m^3/h, incl. flange connections; hose 125702 required	1	pc
4	Martin Christ	125501	Exhaust filter to separate oil mist for vacuum pumps	1	pc
5	Martin Christ	125702	Vacuum hose DN16 / 25	1	pc
6	Martin Christ	125910	Electromagnetic pressure control and stop valve incl. flange connections	1	pc
7	Martin Christ	120880	WST Base plate for freeze dryers	1	pc
8	Martin Christ	121145	Rack for up to 5 wireless heated shelves Ø200 mm, shelf distance 25 mm	1	pc
9	Martin Christ	122576	Shelf with rim, aluminum Ø200 mm, built-in heater with LyoBus module	5	pcs
10	Martin Christ	121500	Acrylic chamber Ø300 mm, internal height 295 mm	1	pc
11	Martin Christ	122032	Motorized intermediate valve with vacuum-tight servocontrol	1	pc
12	Martin Christ	127073	Stainless steel product dish Ø200 mm, rim 18 mm high	5	pcs
13	Martin Christ	125099	Programmer module PGM-30	1	pc

FAR 52.211-6 Brand Name or Equal shall apply