

Salient Characteristics

Microplate Reader

The Department of Veterans Affairs, Network Contracting Office (NCO) 17, has a requirement for a microplate reader. The North American Industry Classification System (NAICS) code for this procurement is 334516 Analytical Laboratory Instrument Manufacturing.

All items must be covered by manufacturer's warranty and procured through a manufacturer approved distribution channel. Sellers must be able to document they are manufacturer-authorized distributors.

The Government has identified the below items as meeting the requirement:

Line Item	Manufacturer	Part No.	Description	Qty	Unit
0001	Tecan US Inc.	30086376	Spark 20M, 1 yr Warranty	1	EA
0002	Tecan US Inc.	30090460	Housing, Spark 20M, RS Standard	1	EA
0003	Tecan US Inc.	30124664	Manual, Operating, Spark	1	EA
0004	Tecan US Inc.	13360002	Power Cable, Microplate Readers and Washers	1	EA
0005	Tecan US Inc.	30086380	Module, Absorbance, 1 Channel, Spark 10M	1	EA
0006	Tecan US Inc.	30088912	Module, Absorbance, Fiber Bundle, 1 Channel Spark 10M	1	EA
0007	Tecan US Inc.	30086400	Module, Fluorescence, Monochromator, Excitation, Standard, Spark 10M	1	EA
0008	Tecan US Inc.	30086404	Module, Fluorescence, Monochromator, Emission, Standard, Spark 10M	1	EA
0009	Tecan US Inc.	30089947	Module, PMT Enhanced, Spark 10M	1	EA
0010	Tecan US Inc.	30086384	Module, Fluorescence, Top, Standard, Spark 10M	1	EA
0011	Tecan US Inc.	30089949	Module, Fluorescence, Bottom, Enhanced, 384, Spark 10M	1	EA

0012	Tecan US Inc.	30090152	Module, Fluorescence Intensity, High Resolution Area Scan, Bottom, 384, Full, Spark 10M	1	EA
0013	Tecan US Inc.	30087387	Module, Luminescence, Standard, Spark 10M	1	EA
0014	Tecan US Inc.	30086424	Module, Injector Ready, Spark 10M	1	EA
0015	Tecan US Inc.	30090488	Option, Motor, Injector & Lid Lifter, Spark 10M1	1	EA
0016	Tecan US Inc.	30086379	Module, Heating 42 Degrees, Spark 10M	1	EA
0017	Tecan US Inc.	30090479	Module, Gas Control, CO2 and O2, Spark 10M	1	EA
0018	Tecan US Inc.	30096156	Humidity Cassette, Small, Spark 10M	1	EA
0019	Tecan US Inc.	30090493	Option, Lid Lifter, Spark 10M	1	EA
0020	Tecan US Inc.	30089449	Module, Cell Counting, Spark 10M	1	EA
0021	Tecan US Inc.	30090510	NanoQuant Plate, Smark 10M	1	EA
0022	Tecan US Inc.	30090494	Pads, Lid Lifter, Spark 10M, 50 pcs	1	EA
0023	Tecan US Inc.	30089747	Slides, Cell Counting, Spark 10M, 600 pcs	2	EA
0024	Tecan US Inc.	30108867	Software, SparkControl Magellan 1.2, Standard, 2-site	1	EA

This is a brand name or equal to purchase description. Items comparable to the brand name will be acceptable if they meet the below salient characteristics.

Salient Characteristics

Plate reader that can measure absorbance over a range of wave lengths in the visible range (200 to 950 nM); UV range (230 to 260 nM); fluorescence and luminescence with high sensitivity, accuracy and timely fashion.

Requirement for performing assays using both cuvettes and plate readers (6, 12, 24, 96 and 384 well plate) including using low volume samples (Nano liters), automated reagent

dispenser, heating and cooling system with humidity control, temperature control, carbon dioxide and oxygen regulation with minimal evaporation.

Designed for applications including ELISA, quantification of DNA, RNA and protein, transient expression assays, cell counting, BRET, confluency measurements, migratory ability of cells, wound healing ability of cells, time resolved fluorescence, FRET, Fluorescence polarization, automated live cell imaging, counting and confluence in response to treatment with various drugs. Assays will be performed in real time over a period of time.

User and Service Manuals

The vendor shall provide a complete printed set as well as electronic version of operator manuals, service manuals, electronic schematics, troubleshooting guides and parts list for all items. These manuals will include all components and subassemblies, including those not manufactured by the vendor.

Delivery Address

Audie L. Murphy VA Hospital
Supply Warehouse
7400 Merton Minter
San Antonio, TX 78229