

BRAND NAME JUSTIFICATION FOR RESTRICTED COMPETITION

Item: Table Top 355 nm, UV laser tool
Brand Name: JDSU and ScanLab

A Brand-Name only restriction is required for the purchase of a laser etching system for the Electrostatics & Surface Physics Laboratory (ESPL) at the Kennedy Space Center. This equipment will be utilized by ESPL personnel in the Space Life Sciences Building. The following items are Brand-Name only; no other manufacturer will be accepted. Market research and testing by other manufacturers revealed that this laser is the only brand that can successfully etch Copper coated Kapton films.

1. JDSU Solid-State, Q-switched 355/532 (Q Series) Light wave Laser, item may be quoted new or "as-new". ("as new" is defined to be with less than 1000 hours of use).
2. ScanLab ScanGine complete optics assembly including turning mirrors, gantry frame, beam expansion telescope, 10 galvos with 100mm focal length f-theta lens, computer, RTC4 card and WinLase control software.

Once these parts are assembled into a laser etching machine, the laser etcher will be used to etch electrode patterns for the ESPL's Electrodynamic Dust Shields (EDS).

Based on the information above, the JDSU Laser and the ScanLab optics are only manufacturers that can provide the necessary equipment that can meet mission requirements.

I certify that the supporting data presented in this justification are accurate and complete.

Technical Representative

09/10/2010
Date

I hereby certify that this justification is accurate and complete to the best of my knowledge and belief.

Contracting Officer

9/10/10
Date