BRAND NAME JUSTIFICATION FOR RESTRICTED COMPETITION

Item: High Powered Rocket Motors & Hardware – (2 ea.) O8000-40K Motors, (4 ea.) O8000-40K Hardware & (2 ea.) P-Dual Thrust Pro150 Motors
Price:
Brand Name: Cesaroni Technologies (CTI)

A Brand-Name only restriction is required for the purchase of Rocket Motors for the Kennedy Space Center Engineering Directorate, NE-O, Rocket University. This lab utilizes COTS High Powered Rocket Motors for the Rockets Lab.

Brand-name uniformity is essential because Cesaroni Technologies provides the size, dimensional, thrust, impulse, burn time, qualification and warranty requirements as well as being certified as COTS High Powered Rocket by NAR (National Association of Rocketry), Tripoli (Tripoli Rocketry Association) and the FAA for the specific vehicle configuration for use in training.

Market Research:
Commercially available "O" & "P" Level Motor Manufacturers Search:
http://www.thrustcurve.org/browser.jsp?1category=l3&2class=O

1. Cesaroni Technology
2. Contrail Rockets

Cesaroni Technologies is the only manufacturer that provides the necessary performance levels for impulse and thrust with the O8000-40K Motors and associated O8000-40K Hardware & P-Dual Thrust Pro150 Motors while Contrail is a hybrid motor type that is well below required performance capability with their only option in the O6300. As a part of our on-going market research, we routinely coordinate with various vendors to test equipment items for compatibility with our existing system. Thus far, we have been unable to find compatible rocket motors that will work with our existing vehicle training system.

Based on the information above, the O8000-40K Motors and associated O8000-40K Hardware & P-Dual Thrust Pro150 rocket motors are the only rocket motors that can meet mission requirements.

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

Kevin D. Vega, NE-OA
Technical Representative

12/2/2013
12.02.2013

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

Contracting Officer

12/2/13
Date