BRAND NAME JUSTIFICATION FOR RESTRICTED COMPETITION

Item: Rotork Valve Actuators
Price: [redacted]
Brand Name:

A Brand-Name only restriction is required for the purchase of Rotork valve actuators. The valve actuators are necessary to provide remote control of LH2 and GH2 valves during demonstration of zero boil off and densification of hydrogen as part of the AES ground operations demonstration unit for liquid hydrogen. (GODU LH2) for the Kennedy Space Center.

Brand-name uniformity is essential because the GODU LH2 project will be purchasing a number of electrical valve actuators for use in the project fabrication and test phase starting in FY13. These actuators will replace existing pneumatic actuators in a general demonstration of the suitability of electrical actuators to safely reduce the complexity and parts count of required pneumatic systems. The GODU LH2 project is already purchasing Rotork electrical actuators as part of a vacuum jacket spool procurement through PHPK, and use of the same Rotork actuators for the rest of the system needs would allow for simplicity and redundancy/spares. This will also allow the system technicians to become familiar with the operations and maintenance of only one set of actuators. A product search has also been completed by the GODU LH2 engineers and the Rotork actuators appear unique in they have a built in fail safe feature using a capacitor to drive the valve to a predetermined point in the event of power failure.

Based on the information above, this service/equipment is the only equipment that can meet mission requirements.

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

William Notardonato
Technical Representative

7/31/12
Date

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

Contracting Officer

7/31/12
Date