JUSTIFICATION FOR BRAND NAME ONLY (Simplified Acquisitions <$150K)

The service or material listed on **N6588615RX5A368** is "**brand name only**" for reasons indicated below. There are no substitutes available for this material or service.

Restricted to the following source. Provide *original manufacturer's* name. (If a sole source manufacturer distributes via dealers, *ALSO* provide dealer information.)

Manufacturer: SIFCO ASC

Manufacturer POC & phone number: Alex Jachnycky, 216-524-0099

Mfr. Address: 5708 E Schaaf Rd, Independence, OH 44131

Dealer / Rep: Alex Jachnycky

Dealer / Rep address / phone number: 216-524-0099

Distributors:

1. Texas Facility
   7620 Bluff Point Drive
   Houston, TX 77086-1764
   1-281-444-6500
2. Virginia Facility
   1333 Azalea Garden Road
   Unit F
   Norfolk, VA 23502-1933
   1-757-855-4305
3. Connecticut Facility
   22 Thompson Road, Dock #4
   E. Windsor, CT 06088-9696
   1-860-623-6006

THIS IS A BRAND NAME ONLY REQUIREMENT AND CAN BE COMPETED THROUGH VENDORS THAT OFFER THE SIFCO ASC EQUIPMENT LISTED BELOW.

Description of the item or service required, the estimated cost, and required delivery date.

Description:		
Item	Quantity	Salient Characteristics/Specifications
Power Pack Sp 15-50-115-1 61115501-US	1 ea.	This power supply has 15 output amps, 50 VDC output volts which provide the high voltage required to perform Type I/II/III Anodizing of aluminum parts. Portable to permit brush anodizing on aircraft in the hangars. Powered by single phase, 115 VAC to permit plugging into outlets anywhere in the FRCSE, has a high quality CE approved power supply. Compatible with the existing brush plating leads at the FRCSE so that they will plug into this unit.
Anodizing Type II Sulfuric 5011, 4 Liter 80501120-US	1 ea.	SIFCO Process solutions are manufactured in an AS9100/ISO9001/NADCAP approved facility to ensure compliance with NAVAIR brush plating & anodizing standards. Required chemical for brush anodizing.
Anodizing Type Ill (SHC Hard Coat) 5025, 4 Liter 80502520-US	1 ea.	SIFCO Process solutions are manufactured in an AS9100/ISO9001/NADCAP approved facility to ensure compliance with NAVAIR brush plating & anodizing standards. Required chemical for brush anodizing.
The Hardcoat Solution Cooler 10931101-US	1 ea.	The Hardcoat Solution cooler was developed to cool and then maintain the SIFCO Process® SHC Hard Coat Code 5025 Solution at the proper refrigerated operating temperature IAW the NAVAIR-approved anodizing specifications. Specifically designed to survive the SIFCO Process solutions without corrosion and has cooling power strong enough to handle the cooling demands required not only by the solution but also by the Jacksonville environment.
Pump Large, Model "L", 115V 11000300-US	1 ea.	Designed to be resistant to the harsh anodizing chemicals and able to handle the temperature fluctuations (32° to 70°F) during the anodizing process. Peristaltic, self-priming, positive displacement pump with variable speed drive of 30-600RPM to deliver up to 36 GPH with one pump head.
Submersible Pump Pan, Small 11401000-US	1 ea.	Resistant to the harsh anodizing chemicals and fits the recommended pump to prevent chemical spills.

Tray With Corner Drain 3/4in. 14in.X 17in 11400160-US	1 ea.	Resistant to the harsh anodizing chemicals and fits the recommended pump to prevent chemical spills.
Lead, Positive, Red, 15 Amp capability, 9.8 feet long 60352020-US	1 ea.	Lead, Positive, Red, 15 Amp capability, 9.8 feet long. Required to connect power supply to brush plating anodes.
Lead, Negative, Black, 15 Amp capability, 9.8 feet long 60352025-US	1 ea.	Lead, Negative, Black, 15 Amp capability, 9.8 feet long. Required to connect power supply to parts to be brush plated.
Handle, 75 Amp, Molded 12302075-US	2 ea.	Handle, 75 Amp, Molded. Required to safely connect hand-held brush plating anodes to leads, while insulating the Artisans from the potentially lethal high amperage required to brush anodize aircraft components.
Lead, Positive, Red, 75 Amp, 9.8 feet long 60352030-US	2 ea.	Lead, Positive, Red, 75 Amp, 9.8 feet long. Required to safely connect power supply to parts to be brush plated with high amperage.
Power Pack SP-C 30-20-115-1 90130201-US	2 ea.	30 DC amps output, 20 VDC output, 100% constant voltage and current regulation, forward/reverse polarity switching, CE compliant, output ripple < 1%, over-temperature protection, LED displays for amperage, voltage and ampere-hours, compatible with existing FRCSE brush plating leads.

The estimated cost is $40,000. The required delivery date is 45 days after award.

Specific characteristics of the material or service that limit the availability to a sole source (unique features, function of the item, etc.). Describe in detail why only this suggested source can furnish the requirements to the exclusion of other sources.

The SIFCO ASC power packs are part of the FRCSE-owned brush plating equipment that is required to perform brush plating. The SIFCO ASC power packs are the only power packs that are compatible with existing FRCSE-owned brush plating equipment and supplies. The FRCSE-owned brush plating equipment was manufactured by SIFCO ASC, in order to use another vendor's power packs the existing equipment would need to be heavily modified. The modification of the existing SIFCO ASC equipment could take up to 4-6 months to design, manufacture, and install the modification. This delay would immediately adversely affect the F-18 lines (Hangars 101 & 140) because the SIFCO ASC equipment is continuously used by the F-18 line. The delay of the modification would also adversely affect the P-3 line. The Government would also need to maintain compatibility with a different company's equipment if a modification was performed on the existing equipment. The cost to maintain this compatibility would exceed $100,000.

_____ The requested material or service represents the minimum requirements of the government.

CHECK & FILL IN ALL APPLICABLE BLANKS BELOW

__X__ The material/service must be compatible in all aspects (form, fit and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect, or interface with the existing system.

See the above explanation. Modification of existing equipment would take up to six months to design and cost the Government an additional $100,000.00.

_____ A patent, copyright or proprietary data limits competition. The proprietary data is _____

_____

_____

_____

_____

__X__ These are "direct replacements" parts/components for existing equipment.

This procurement is for replacement parts for existing brush plating equipment at FRCSE that was manufactured by SIFCO.

_____ Other information to support a sole source buy:

_____

_____

_____

_____

I CERTIFY THAT STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE, ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS NAME BRAND ONLY JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Signature Robert F. Vinson Jr. Title Mechanical Engineer

Activity FRCSE Date 29 Jun 2015

Contracting Officer Signature JOLLEY.MICHAEL.ERVIN.1108636668

Digitally signed by JOLLEY.MICHAEL.ERVIN.1108636668
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=JOLLEY.MICHAEL.ERVIN.1108636668
Date: 2015.08.03 13:02:56 -04'00'

Date _____

SAP Sole Source