JUSTIFICATION FOR SOLE SOURCE (SAP <$150k)
Ref: FAR 13.106 and NAVSUP 4200.85D Chapter 5 Para. 2.b.(5)

The service or material listed on (Document number) **1300561404** is sole source and competition must be restricted to one source, or to only one brand name for reasons indicated below. There are no substitutes available for this material.

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

Manufacturer: D-2, Incorporated
Manufacturer POC & Phone Nr: 508-329-2046
Mfr. Address: 23 Edgerton Drive, Suite A, North Falmouth, MA 02556
Manufacturers Dealer/Rep: n/a
Dealer/Rep Address/Phone Number: n/a

_X_ Description of the item or service required, the estimated cost, and required delivery date.
Hydro-Light Water Pad Tester; Manufacturer: D-2, Incorporated
Manufacturer's Part Number: JF-WA-11; NSN: 7H6640-01-642-9285; Estimated cost: [redacted] (b)(5)
Unit must test for free (undissolved) water jet fuel in the 0-50ppm range with a digital readout, must utilize 25mm water pads that shall be compatible with the Combined Contaminated Fuel Detector (CCFD), must include a calibration verification kit, and must be compliant with ASTM D3240 test method parameters.

_x_ Specific characteristics of the material or service that limit the availability to a sole source or particular brand name (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.
Must be compliant with MIL-DTL-22612D. Of which paragraph 3.3.7.2 states "The type II detector shall be constructed to comply with all provisions of ASTM D3240 and shall report free water values digitally. The detector shall be designed to accommodate the required 25mm test pad. All accessory items required to accommodate the 25mm test pad shall be provided with the detector." Per ASTM 3240 latest version dated 2015, this is the only unit who approved to have complied with the outlined provisions.

____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. Describe the equipment you have **now** and **how** the new item/service must coordinate, connect, or interface with the existing system.
The new free water in jet fuel detection device must be compatible with the existing Combined Contaminated Fuel Detectors (CCFD) (NSN: 6640-01-013-5279) in place at all sites who need the Hydro-Light Water Pad Tester (manufacturer part #: JF-WA1/NSN: 7H664-01-642-9285). The need to test for free water in jet fuel by utilizing the CCFD is a requirement of the Naval Air Systems Command (NAVAIR) [redacted] (b)(7)(F)

____A patent, copyright, or proprietary data limits competition. The proprietary data is:

____These are "direct replacements" parts/components for existing brand name equipment.
____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 AND DO NOT CONTAIN CLASSIFIED INFORMATION. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE-SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Signature [redacted] (b) (6) **Activity:** NAVSUP Energy

Title: Chemist **Date:** 02/04/2016

Contracting Officer Signature [redacted] (b) (6) Date 5/11/16

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