

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) 61344700-61344704 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: Tyco

Manufacturer: Tyco SimplexGrinnell

Mfr. Address: 9520 10<sup>th</sup> AVE South STE 1, Seattle WA 98108

Manufacturers Dealer/Rep Kirk Tashjian

Dealer/Rep Address/Phone Number: 9520 10<sup>th</sup> AVE South STE 1, Seattle WA 98108

Office# 1-206-291-1400

Fax#1-206-291-1500

Mobile#1-206-1509

Email: ktashjian@simplexgrinnell.com

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

44ea: P/N: SWH-4100-USG, Software House Multi-Technology Readers [REDACTED]

16ea: P/N: SWH-4200, Software House Multi-Technology Readers with number keypad [REDACTED]

Total Cost [REDACTED]

RDD Of all Material=7/11/16

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.

At the beginning of fiscal year 2015 the PSNS Security Department requested a complete overhaul on all LEGACY AACs (Automated Access Control System) badge access card readers with in the CIA to incorporate a higher identity verification protocol system by means of using PIV II (Personal Identity Verification) CAC card chip reader along with a PIN (Personal Identification Number) and replace the current outdated mag-strip readers and their associated software systems with the C-CURE 9000 software system and components manufactured by SOFWEAR HOUSE. The requirements to implement increased security measures are listed in the following references FIPS 201 (Federal Information Processing Standards Publication) and the SP-800-116 (Special Publication For The Use Of PIV Credentials In Physical Access Control Systems). Currently the AACs upgrades have been progressing to this date at this location and any future material purchases MUST conform and function with the existing manufacture system options, security protocols and technical specification in order to guarantee system reliability and DOD security Mandates.

Smart Card Reader Technical information:

Readers must be capable of reading serial numbers from multiple 13.56MHz smart card technologies such as HID proximity, CASI ProxLite, Deister Proximity, ISO 14443A Serial Number, MIFARE Serial Number, DESfire Serial Number, ISO 14443B Serial Number, ISO 15693 Serial Number, iCLASS Serial Number, MIFARE Sectors, U.S FIPS 201 PIV II, U.S Transportation Worker Identification Credentials (TWIC).

Have the ability to be configured using a program card allowing firmware updates by means of flashing through RS-485 connection.

Have the ability to function as a proximity reader with a read range of a distance of up to 4in depending on technology of card.

Reader must allow for an optional keypad for two-factor verification. Keypad reader must also support a PIN-on-smart-card feature for secure token exchange allowing the Smart card reader to match the pin stored on the Smart card against the pin entered via keypad if successful transmits only Smart card data to the reader allowing for a more secure system since the Smart card pin is not transmitted to the reader and the pin is stored anywhere other than on the Smart card.

Readers must be able to read 200bit Smart card.

Readers must have Plug in screw terminals for ease of electrical install/removal/replacement.

Readers must have built in tamper switch.

Readers must have an external red and green led light with audible beep

Readers must be meet the following regulatory requirements, FCC part 15CE, UL 294 Full outdoor, U.S. GSA approved products list for FIPS 201, ISO 14443A, ISO 14443B, ISO 15693.

Readers must be FIPS 201compliant

Readers shall have a Power supply 8-16VDC, 125mA max@ 12VDC

Readers must have a 12 pin wiring connector for the following electrical connections in order to function with existing wiring,

1. External Beep Control
2. Ground
3. Power (8to 16VDC)
4. D1 Wiegand
5. D2 Wiegand
6. Reserved for future use
7. External green led light control
8. External red led control
9. A-RS485 (Used for Flash Upgrading)
10. B-RS485 (Used for Flash Upgrading)
11. Tamper (Normally closed)
12. Tamper (Normally closed)

All Readers must be compatible with Security Software House C-Cure 9000 AACS Security System allowing for seamless functionality with existing hardware.  
Readers must be UL compliant for interior and exterior use with an operating temperature range -31deg F to 151deg F, Humidity range 0-100%.

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

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**CHECK & FILL IN ALL APPLICABLE BLANKS BELOW**

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

All PSNS AACS (Automated Access Control System) components purchased to this date have been from the same manufacturer and same model/part numbers which will only function with the same software systems and electronic/network interface. The intent is to provide standardization in security access reader systems, and all security maintenance technicians and officers are proficiently trained on this systems functionality, software interfaces, and troubleshooting techniques. In the near future these components and system design capabilities will be implemented at multiple off station Naval Bases around the country including Japan. ANY Substitutions or deviations from selected manufacturer parts will not operate, function or interface with currently installed system and software components. Currently the AACS upgrades have been progressing to this date at this location and any future material purchases MUST conform and function with the existing manufacture system options, security protocols and technical specification in order to guarantee system reliability and DOD security Mandates.

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

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These are "direct replacements" parts/components for existing brand name equipment.  
 Other information to support a sole-source buy:

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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.

Contracting Officer Signature \_\_\_\_\_ Date \_\_\_\_\_