Brand Name Justification under $350K

PID Number: 26-SIMACQ-E60-0009

Department: E63

Company Name/Brand: Schroff Inc.

Description of Product, Supplies or Services required to meet the agency's needs:

NSWC PHD intends to procure ten Schroff Inc. branded Versa Module Eurocard (VME) Rack Assy Board, Air Management Board, Filter Plate, Bypass Board and Filler Panel Assemblies required to support System Launcher Controller (SLC) and Integrated Radar Processor (IRP) production. System assemblies are critical components of the [redacted].

Line Item	P/N	Nomenclature
1	06-01608290-001	Custom VME64X Backplane Assembly (VME Rack Assembly Board Assembly)
2	EZF3N04A	3U x 4HP Filler Panel Assembly
3	EZF3N16A	3U x 16HP Filler Panel Assembly
4	EZF6N04A	6U x 4HP Filler Panel Assembly (Shielded Filler Panel, 6U-UHP)
5	EZF6N08A	6U x 8HP Filler Panel Assembly
6	SBVMED160-16326RA	6U x 160mm Slot Bypass Board (Panel, Filler A3MP1)
7	AMB-EHS160	3U x 160 mm Air Management Board Assembly
8	32148-06	Filler Panel Kit 6UX16HP
9	32148-07	Filler Panel Kit 6UX20HP (Plate, Filter)
10	EZF3N08	3U x 8HP Filler Panel Assembly

Identification of Justification Rationale:

☒ The Material or service must be compatible with aspects (Form, Fit, and Function) with existing systems presently installed.

☐ A patent, copyright, proprietary data, or licensing agreement limits competition.

☒ These are "direct replacement(s)" parts/components for existing equipment.

☐ Urgency.

Statutory Authority Permitting Other Than Full and Open Competition

10 U.S.C. 3204(a)(1) as implemented by FAR 12.102(a).

Identification of the Justification Rationale Explained:

The Schroff Inc. VME Rack Assembly Board, Air Management Board, Filter Plate and Panel Assembly components are required to support the new assembly and production of [redacted] and Integrated Radar Processor (IRP) assemblies for new construction [redacted]

The Schroff Inc. branded components are the only VME Rack Assembly Board and Panel Assembly components designed, controlled and specifically listed in the onboard Allowance Parts Lists (APL), Technical Manuals, supported by Naval Education and Training curriculum, and the Naval Repair Facility rotational pool system. These Schroff Inc. components are compatible in all aspects (form, fit, function) with existing systems presently installed. For instance, the Schroff Inc. VME Rack Assembly Board (line item no. 1) fits in the existing enclosures and interface with the surrounding board assemblies of [redacted] Assembly Board is compatible with the existing enclosure. The Schroff VME Rack Assembly Board has 21 slots including user defined connectors and rear transition slots that can be populated with circuit card assemblies, interface cards, and filler panels when the [redacted] are fully assembled. Schroff Filler Panels (line items no. 2 through 5 and no. 7 through no. 10) are installed in unused slots and spaces of the Schroff VME Rack Assembly with the addition of Electromagnetic Interference (EMI) shielding gaskets to maintain EMI integrity in the system. Bypass Board (line item no. 6) is used in place of an unused circuit card slot to redirect airflow in the VME chassis and provides EMI shielding between circuit cards in the [redacted] enclosure. No other brand of VME, other than the Schroff branded VME, provides the required level of compatibility and functionality.

Specific Characteristics of the Item or Service required that Limit the Availability to a Sole Source or Brand Name:

As previously stated, no other brand of VME is compatible with the existing enclosure nor does any other brand provide the required level of functionality. Furthermore, no other brand of VME Rack Assembly Board, Air Management Board, Filter Plate and Panel Assemblies have been tested and qualified to be used [redacted]. Therefore, the testing and qualification of another brand of VME Rack Assembly Board, Air Management Board, Filter Plate and Panel Assemblies would result in an unreasonable delay since other brands of internal components would be required to manufacture form, fit and function components and undergo first article testing. Based on previous testing and qualification efforts, environmental, shock, vibration and humidity testing, and qualification of the Schroff Inc. brand of VME Rack Assemblies for the Launcher, SLC and IPR, testing and qualifying another brand will require an estimated 1,800 labor hours to collaborate across multiple organizations with no guarantee of qualification.

This amount of delay to qualify another brand of VME Rack Assembly Board, Air Management Board, Filter Plate and Panel Assemblies is unreasonable as it would adversely impact scheduled SLC and IRP production efforts at the Yorktown Depot and consequently installations on [redacted]. Furthermore, this effort to qualify another brand of VME Rack Assembly Board, Air Management Board, Filter Plate and Panel Assemblies would result in a substantial duplication of cost exceeding [redacted] that is not expected to be recovered through competition.

The government does not have the full technical data package for item 1 Custom VME64X Backplane Assembly. The lack of the technical data package will further drive delays and non-recurring engineering cost of other potential manufacturers due to need of the reverse engineering and prototyping.

Market Research Conducted:

For the reasons stated above, no additional market research was completed regarding finding an alternative source since no other brand or source can meet the Government's requirement. Schroff Inc. was contacted directly and Schroff Inc. confirmed there are authorized resellers. As a result, this will requirement will be posted on a brand name basis.

Statement of Actions, if any to Remove Barriers to Competition in the Future:

NSWC PHD Contracts Office will continue to conduct market research as warranted to provide a broader vendor base as applicable for the types of supplies/services covered by this document. If another potential source emerges, NSWC PHD will assess whether competition for future requirements is feasible.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance, which are included in this justification and its supporting acquisition planning data, except as noted herein, are complete and accurate to the best of my knowledge and belief.

Technical Cognizance:

[redacted]

Legal Counsel:

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

[redacted]

Contracting Officer:

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

WILLIAMS.JAMES.ANDREW.1258639711 Digitally signed by WILLIAMS.JAMES.ANDREW.1258639711 Date: 2026.07.09 22:40:11 -04'00'

Contracting Officer Signature:
J. Andrew Williams, Contracting Officer Phone No. (805) 330-0395