4200
[redacted]
28 April 2026

MEMORANDUM

From: [redacted]
To: [redacted]

Subj: RECOMMENDATION FOR OTHER THAN FULL AND OPEN COMPETITION

Ref: (a) 0421-01 - Module Support Equipment Rack (MSER) Hardware (HW) Package

1. It is recommended that other than full and open competition be used to acquire reference (a) for the following hardware, manufactured by TE Connectivity/Raychem, Allen-Bradley, KMC Stampings, Amphenol PCD, Kendall Howard, Vinylguard, and Glenair, Inc.:

Part Number	Description	Quantity
M22759/32-22-6	600 V, Tin-Coated Copper, 22 AWG, Hook Up Wire (feet)	1500
M22759/32-16-0	600 V, Tin-Coated Copper, 16 AWG, Hook Up Wire (feet)	1500
M22759/32-12-0	600 V, Tin-Coated Copper, 12 AWG, Hook Up Wire (feet)	1000
MA2854/1-GR	2854/1 Heat Sink – Green (feet)	100
MA2853/1-BK	Alpha 2853/1 Heat Sink – Black (feet)	100
D38999/26WJ35PA	MSER J45 Receptacle Connector	1
M85049/38-25W	Strt, OD Cad, Self-Lock Coupling, Strain Relief Clamp	8
M85049/38-11W	Spin Coupling, Strain Relief Clamp	2
D38999/20JJ35SA	MSER J45 Connector	10
M85049/38-23W	Strt, OD Cad, Spin Coupling, Strain Relief Clamp	1
M85049/38-25W	Connector Strain Relief	1
SN74LS244N	Strain Relief for MCM J1 & J3	3
AB1492WMD1	IEC Term Blck 8x47.6x41mm Screw	150
AB1492EBMD1	IEC End Barrier, 1.5 x 42 x 33.5mm	50
AB1492ERL15	IEC End Retainer, 5 x 24.5 x 19mm	20
AB1492DR3	DIN Rail, 15 x 5.5 mm	5
COL1613Z1	Cable Clamp, Steel, 1 in Bundle Dia., Black, 25PK	1
COL2413Z1	Cable Clamp, Steel, 1-1/2 in Bundle Dia., Black, 25 PK	1
COL1209Z1	Cable Clamp, Steel, 3/4 in Bundle Dia., Black, 50 PK	1
1901-1-004-04	Kendall Howard 4U Flanged Spacer Blank	2
30-VG-1500C-G3	Heat Shrink Tube, Thin Wall, 2:1 I.D. Shrink Ratio, 1.5 in I	3
30-VG-2000C-G3	Heat Shrink Tube, Thin Wall, 2:1 I.D. Shrink Ratio, 2 in I.D	3
D38999/46WJ35SN	MCM J3 Plug Connector / MSER J9 Recept	2
D38999/46WJ35SA	MCM J1 Plug Connector	1
D38999/46WB35SN	MCM J2 & J4 Plug Connector	2
D38999/40WJ35PN	MSER J42 Connector	1
D38999/40WJ29SN	MSER J43 Connector	10
D38999/46WJ29PN	MSER J43 Plug Connector	10

Part Number	Description	Quantity
D38999/46WJ24SN	Plug Connector for PPS J3	10
D38999/46WJ19PN	Plug Connector for MSER J12	10

The total estimated cost is [redacted] with delivery required 30 days after receipt of the order. The requested materials represent the minimum requirements of the government.

2. The Naval Surface Warfare Center, Dahlgren Division (NSWCDD), [redacted] This requirement is for the procurement of specific brand-name hardware components essential for the construction and maintenance of the Module Support Equipment Rack (MSER) within a [redacted] The requested brand-name hardware is the only material capable of meeting the Government's requirements due to strict compatibility constraints. The requested hardware must be exact in form, fit, and function to integrate seamlessly with the already installed hardware in the module. All current electrical designs and software development have been specifically engineered based on the proprietary specifications of these exact brand-name materials. The Government has made a substantial investment in the current [redacted] design. To date, over [redacted] and integration tailored to specific hardware. Deviating from this specific brand-name hardware will cause critical schedule delays and technical setbacks for the MSER build. Transitioning to alternative automation hardware would necessitate a complete redesign of the electrical and software architecture. This effort would set the Government's progress back by an estimated [redacted] Procuring alternative brands would also result in an estimated [redacted] in additional costs for the Government, which includes the required labor, procurement of new testing materials, and extensive re-testing required to ensure no compatibility issues exist with a new hardware baseline. [redacted] e [redacted]. Using any other product would involve a complete redesign of the system causing a major impact to costs and scheduled system deliveries, resulting in a duplication of costs estimated to be in excess of [redacted] These additional costs could not be recovered through full and open competition.

3. Market research included the review of the current MSER configuration with approved hardware and associated software along with reviewing previous procurements, conducting internet searches, and obtaining a market research quote. This market research has shown that these specific brand name products are readily available through multiple authorized resellers.

CERTIFICATION

I certify that the facts and representations under my cognizance, which are included in the above recommendation, are accurate to the best of my knowledge and belief. I understand that the processing of this recommendation precludes the use of full and open competition.

Date:_____ [redacted]
Signature of Originator

The Contracting Officer has determined that only brand name/one source is reasonably available.

Date:_____ [redacted]
Signature of Contracting Officer