

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-344
Item to be Scouted	Complete CAT6 structured cabling system with telecommunicate devices
Days to be scouted	7
Response Due By	07/15/2026
Description	Complete CAT6 structured cabling system (including CAT6 cable/jacks, faceplates, 24-port patch panels, 1RU wire managers, and 8RU wall racks). All components must be from a single manufacturer brand to satisfy full system

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	This request is for a complete, single-manufacturer Category 6 (CABLING) structured system. 1. CAT6 Cable: Wire drawing of 23 AWG solid annealed copper, polyolefin insulation extrusion for CMR rating, precision pair twisting for ANSI/TIA compliance, and flame-retardant (FR) PVC jacket extrusion. 2. CAT6 Jacks: Precision plastic injection molding for housing, automated PCB assembly, and gold-plated contact stamping. 3. Faceplates: Standard plastic injection molding with integrated labeling fields. 4. 24-Port Patch Panels: Sheet metal stamping and CNC bending for the chassis, powder-coat finishing, and automated assembly of integrated CAT6 PCB jacks. 5. 1RU Wire Managers: Plastic injection molding or sheet metal fabrication for D-rings/fingers and backplates. 6. 8RU Wall Racks: Heavy-duty steel sheet metal cutting, stamping, CNC forming, welding, and powder-coat finish application.
Provide dimensions / size / tolerances / performance specifications for the item	All components must meet or exceed ANSI/TIA-568-C.2/D Category 6 requirements. 1. CAT6 Cable: 23 AWG solid annealed copper conductor. Nominal diameter: 0.22 in (5.5 mm). Characteristic Impedance: 100 ± 15 Ohms. Performance compliance: UL 444, UL 1666, NFPA 262, and RoHS-compliant. CMR (Riser) rated. 2. CAT6 Jacks & Patch Panels: Must support 1000BASE-T Ethernet and PoE/PoE+ (IEEE 802.3af/at Type 1 & 2). 24-port patch panel must fit standard 19-inch racks. 3. 1RU Horizontal Wire Manager: Standard 19-inch rack-mountable, 1 Rack Unit (1RU) height. 4. 8RU Wall Mount Rack: Standard 19-inch width equipment mounting, 8 Rack Unit (8RU) vertical capacity, wall-mountable enclosure.
List required materials needed to make the product, including materials of product components	1. High-purity solid annealed copper (for cable conductors) 2. Polyolefin and Flame-Retardant (FR) PVC (for cable insulation and jackets) 3. Thermoplastic / Polycarbonate resins (for RJ45 jacks, faceplates, and wire manager components) 4. Phosphor bronze with gold plating (for jack and patch panel contacts) 5. Cold-rolled steel or aluminum sheet metal (for patch panel chassis, 1RU wire managers, and 8RU wall racks) 6. Industrial powder-coat paint (for metal component finishing)
Are there applicable certification requirements?	No
Are there applicable regulations?	No

Are there any other standards, requirements, etc.?	No
Additional Technical Comments	BABA Certification Letter required

Section 4: Business Information

Estimated potential business volume	CAT6 Cable: 6,000 ft (White, CMR/Riser rated) CAT6 Jack: 208 units Faceplate: 52 units 24-Port Patch Panel: 5 units 1RU Horizontal Wire Manager: 5 units 8RU Wall Mount Rack: 1 unit
Estimated target price / unit cost information (if unavailable explain)	\$5,000.00 (Target price for the entire total cost package, including all cables and connectivity components).
When is it needed by?	08/01/2026
Describe packaging requirements	1. CAT6 Cable: 1,000-foot pull-out boxes 2. Jacks, Faceplates, and Patch Panels: Individually bagged or bulk-packaged 3. Wire Managers and 8RU Wall Racks: Safely packaged in heavy-duty cardboard boxes with protective foam cushioning/wrapping
Where will this item be shipped?	City of Burbank, California

Additional Comments

Is there other information you would like to include?	
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