

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-525
Item to be Scouted	BABA: Testing, Adjusting, and Balancing for HVAC
Days to be scouted	30
Response Due By	10/16/2026
Description	Electrical construction and installation for a senior housing facility, including complete electrical service and distribution, panelboards, feeders, branch circuits, conduit and conductors, grounding, wiring devices, lighting, power

Section 2: Technical Information

Type of supplier being sought	with project drawings and applicable electrical codes.
Reason	Manufacturer Louisiana BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	No specific manufacturing process is identified in the specification. The requirement is for commercially manufactured electrical components and equipment meeting the specified material, performance, and code requirements. Associated field processes include electrical equipment assembly/installation, conduit and raceway installation, conductor pulling and termination, grounding and bonding, equipment connections, testing, start-up, and commissioning.

Provide dimensions / size / tolerances / performance specifications for the item	Electrical components and equipment shall meet the sizes, ratings, and performance requirements shown in the project drawings and schedules. Specific requirements identified in the specification include: • Conductors generally #12 AWG minimum; site lighting/power branch circuits #10 AWG minimum; conductors #8 AWG and larger shall be stranded. Conductors generally require 600-V THHN or THWN-2 insulation. • Grounding conductors: #12 AWG minimum; grounding rods 3/4-in. diameter × 10-ft long. • Minimum above-grade conduit size: 1/2 in.; minimum below-grade conduit size: 3/4 in. • Underground service conduit: Schedule 80 PVC, minimum 36 in. deep; underground branch-circuit conduit: Schedule 40 PVC, minimum 24 in. deep; sweep elbows minimum 36-in. radius. • Concealed outlet boxes: generally 4 in. square × 2 in. deep or larger; concealed ceiling boxes generally 4 in. octagonal × 1-1/2 in. deep or larger. • Junction/pull boxes: 14-gauge sheet metal or thicker, with 1/4-20 cover screws. • Receptacle ratings include 20A, 120/125V, NEMA 5-20, with certain simplex receptacles rated 30A, 125V, NEMA 5-30. Switch ratings include 15A/120V and 20A/120–277V. • Occupancy sensors: 120 VAC, minimum load no more than 100 W, maximum load at least 600 W, adjustable time delay 30 seconds–20 minutes, minimum 170° horizontal detection and 900 sq. ft. coverage. • Device plate alignment tolerance: 1/16 in. from vertical or horizontal. • Typical mounting heights: receptacles 18 in. AFF, light switches 48 in. AFF, and panelboard highest operating handle no more than 6 ft AFF. • Panelboard internal surge protection: maximum impulse current value 25 kA per pole. Circuit breakers must have an AIC rating equal to or greater than the panel rating. • Fuses: minimum interrupting rating 200,000 A; transformer fuses Class J or RK5 time-delay; motor-load fuses Class J or RK1 current-limiting. Termination lugs rated 75°C or higher. • Electrical materials and equipment must meet specified type, size, appearance, quality, and performance requirements, with equivalent substitutions requiring approval.
List required materials needed to make the product, including materials of product components	Copper electrical conductors; THHN/THWN-2 and RHH insulated wire; MC cable and permitted nonmetallic sheathed cable; EMT, galvanized rigid steel, and PVC conduit/raceway; conduit fittings; galvanized outlet, junction, pull and device boxes; 14-gauge or heavier sheet-metal junction/pull boxes; rubber or neoprene gaskets; grounding conductors, copper-bonded ground rods, bonding components and grounding connectors; Kindorf/Unistrut or equivalent steel supports; receptacles, switches and device plates; panelboards; circuit breakers; safety/disconnect switches; fuses; transformers; surge-protection devices; lighting fixtures and LED lamps; fire-alarm components; telecommunications/data components; wiring terminations/connectors; and miscellaneous electrical accessories required for a complete system.
Are there applicable certification requirements?	No
Are there applicable regulations?	Yes
Details	UL-listed/compliant electrical materials and equipment as applicable; ETL; ANSI; NFPA 70/NEC; IBC 2021; applicable NEMA and IEC requirements; AABC/NEBB procedures for HVAC testing and balancing. Electrical contractor must meet applicable state/local licensing requirements and obtain final electrical inspection approval.
Are there any other standards, requirements, etc.?	Yes
Details	National Electrical Code (NFPA 70); International Building Code (IBC) 2021; applicable State and local electrical/building requirements; applicable safety codes; NEC Article 250 grounding requirements; NEC Article 314.16 box/conductor-fill requirements; ASTM E814 fire-stop requirements; and applicable permitting, inspection, and electrical authority requirements.

Additional Technical Comments	Products must comply with the project specifications, drawings, schedules, and applicable manufacturer requirements. Project drawings and specifications are complementary; final equipment sizes, capacities, mounting requirements, and configurations may be defined on the drawings. Equivalent products/manufacturers may be considered, but substitutions require prior Architect approval and supporting technical data demonstrating equivalency in type, size, construction, efficiency, appearance, quality, function, and performance. Complete dimensional shop drawings and descriptive literature are required for major electrical equipment, including panelboards, wiring devices, safety switches, lighting fixtures, conductors, transformers, data/CATV systems, fire alarm systems, and electrical service entrance equipment. Written approval is required before ordering or installation. Electrical equipment is subject to testing, start-up, and commissioning. The electrical gear supplier is specifically required to perform a selective coordination and fault-current study based on the as-built electrical distribution system and provide recommended settings for applicable electronic, GFI, and adjustable breakers, along with time/current characteristic curves.
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Section 4: Business Information

Estimated potential business volume	~ 30 packages
Estimated target price / unit cost information (if unavailable explain)	Not specified; supplier pricing to be provided based on project specifications, drawings, schedules, and required quantities.
When is it needed by?	Not specified in the provided specification. However the builder has identified that they are required quickly to maintain project schedule.
Describe packaging requirements	Not specified. Products must be adequately protected from dirt, moisture, chemical exposure, and mechanical damage during delivery, storage, and installation.
Where will this item be shipped?	Project job site – Howell Village Senior Housing; exact delivery address not specified in provided documentation. The project is located in Louisiana.

Additional Comments

Is there other information you would like to include?	Supplier/contractor should review the complete project drawings and specifications before quoting. The electrical contractor is required to examine the job site prior to submitting a quotation. Equivalent products may be proposed, but substitutions require prior Architect approval and supporting technical documentation demonstrating equivalency in size, quality, function, construction, and performance. Dimensional shop drawings and descriptive literature for major electrical equipment must be submitted within 30 days after award of the General Contract, and written approval must be obtained before ordering or installation. Equipment is subject to start-up, operational testing, commissioning, and written test-report requirements. The electrical gear supplier must also perform a selective coordination and fault-current study and provide recommended breaker settings and time/current characteristic curves.
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