

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-524
Item to be Scouted	BABA: New Electric Hybrid Rubber Tired Gantry Container Handling Gantry Cranes
Days to be scouted	30
Response Due By	10/16/2026
Description	Procurement of up to 28 new BABA compliant Battery-Electric Hybrid Rubber Tired Gantry (RTG) container handling cranes and related spare/replacement

Section 2: Technical Information

Type of supplier being sought	demonstrated RTG engineering, fabrication, assembly, testing, delivery, service, and BABA-compliant production capabilities.
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Engineering and design of Battery-Electric Hybrid RTG container cranes, followed by fabrication at designated manufacturing facilities, integration of major mechanical/electrical components, assembly and full erection, testing prior to shipment, transportation to the project site, offloading and/or final erection, commissioning, and final acceptance. Manufacturers must identify the factories, subcontractors, significant work locations, and fabrication/assembly/erection activities used to achieve BABA compliance.

Provide dimensions / size / tolerances / performance specifications for the item	• Overall height: 1-over-6 High Cube, 21,000 mm • Span to wheel centerlines: 7-plus-lane, 27,280 mm (89.5 ft) • Maximum length between wheel guards: 13,600 mm • Lifting capacity: 50 long tons twin lift and 40 long tons single lift • Container sizes: 20 ft, 40 ft, and 45 ft • Gantry configuration: 16 wheels • Hydraulics: prohibited except for the spreader • Hoist: accelerate in 1.5 seconds to 30 m/min at 50 LT • Hoist unloaded: 3 seconds to 61 m/min • Trolley: 4 seconds to 76 m/min with 50 LT • Gantry unloaded: 8 seconds to 135 m/min • Gantry loaded: 4 seconds to 80 m/min with 50 LT • Structural standard: F.E.M. 1.001, 3rd Edition Revised 1998 • Utilization: U7 — 2 million cycles • Spectrum Class: Q2 • Group Classification: A7 • Hoist mechanism: 25,000 hours, T7, L2, M7 • Trolley mechanism: 25,000 hours, T7, L2, M7 • Gantry mechanism: 25,000 hours, T7, L2, M7 • Maximum wheel load: 25 long tons • Maximum gantry travel slope: 2% • Maximum trolley travel slope: 2% • Ambient temperature: -20°C to +45°C • Relative humidity: up to 100% • Operating wind speed: 25 m/s • Stowed wind speed: 70.2 m/s • Power supply: 480 V, 60 Hz RTG crane configuration shall be 1-over-6 High Cube with an overall height of 21,000 mm; 7-plus-lane span of 27,280 mm (89.5 ft) to wheel centerlines; and maximum length of 13,600 mm between wheel guards. Crane shall provide 50-long-ton twin-lift and 40-long-ton single-lift capacity and accommodate 20-ft, 40-ft, and 45-ft containers. Hoist speed shall reach 30 m/min at 50 LT and 61 m/min unloaded; trolley speed shall reach 76 m/min at 50 LT; gantry speed shall reach 80 m/min loaded and 135 m/min unloaded. Structural design shall meet F.E.M. 1.001 classifications U7/Q2/A7. Maximum wheel load is 25 LT. Equipment must operate from -20°C to +45°C, at up to 100% RH, and at 25 m/s operating wind speed. Specific dimensional or manufacturing tolerances are not provided in the RFQ.
List required materials needed to make the product, including materials of product components	Not specifically listed in the RFQ. Manufacturers must identify major components, component suppliers, material/component cost percentages, and sourcing/manufacturing locations necessary to demonstrate BABA compliance.
Are there applicable certification requirements?	No
Are there applicable regulations?	Yes
Details	• ISO Certifications — the contractor must provide applicable ISO certifications, but the RFQ does not specify which ISO standard is required. • QA/QC Program — the contractor must describe its quality assurance/quality control program and provide the credentials of QA/QC personnel. • F.E.M. 1.001, 3rd Edition Revised 1998 for structural and component classification requirements. • National Electrical Code (NEC), NFPA 70 for electrical requirements. • Build America, Buy America (BABA) compliance under the Infrastructure Investment and Jobs Act. ISO certification(s) required/provided, although the specific ISO standard is not identified in the RFQ. Contractor must also maintain a documented QA/QC program with qualified personnel. Technical compliance includes F.E.M. 1.001 and NEC/NFPA 70. BABA domestic sourcing compliance is required.
Are there any other standards, requirements, etc.?	Yes

Details	Applicable Regulations / Requirements: Build America, Buy America requirements under the Infrastructure Investment and Jobs Act, Pub. L. 117-58, §§ 70911–70917, including applicable FHWA BABA requirements and guidance. Technical compliance includes F.E.M. 1.001 and NEC/NFPA 70.
Additional Technical Comments	No additional regulations specifically identified in the RFQ beyond BABA/IIJA requirements, applicable FHWA BABA guidance, F.E.M. 1.001, and NEC/NFPA 70.

Section 4: Business Information

Estimated potential business volume	Estimated Production Volume: Up to 28 RTG cranes for the initial procurement, with options for 10 and 18 additional units, for a maximum potential total of 56 cranes. No specific annual production-rate requirement is stated in the RFQ.
Estimated target price / unit cost information (if unavailable explain)	Not specified in the RFQ.
When is it needed by?	December 1, 2030 Initial 28 cranes must also be completed within 540 days of contract execution.
Describe packaging requirements	Not specified in the RFQ. Supplier must provide a shipping plan, including whether cranes will be shipped fully assembled or assembled on site, along with proposed offload/erection procedures and schedule.
Where will this item be shipped?	Louisiana International Terminal, Violet, Louisiana

Additional Comments

Is there other information you would like to include?	
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