# **ITEM OPPORTUNITY SYNOPSIS**

Name of the item to be scouted: Brake Control Unit

State item to be used in: California

#### **Describe the Item:**

**Please describe the item application/the end use of item.** Brake control unit (BCU) including train control devices, disc brake equipment, tread brake equipment, brake valves, parking brake units and brake mechanics.

#### Supplier Information:

Type of Supplier being sought (select from list below)

Manufacturer Contract Manufacturer Distributor Other (please specify)

Reason for scouting submission (select from list below)

2<sup>nd</sup> Supplier

Price

**Re-Shore** 

Past supplier no longer available

**New Product Startup** 

Other (please specify) BABA

## Summary of Technical Specifications and Performance Requirements:

**Describe the manufacturing processes (elaborate to provide as much detail as possible).** TBD - see 49 CFR Part 232 (https://www.ecfr.gov/current/title-49/subtitle-B/chapter-II/part-232)

**Provide dimensions / size / tolerances / performance specifications of the item.** TBD - see 49 CFR Part 232 (https://www.ecfr.gov/current/title-49/subtitle-B/chapter-II/part-232)

List required materials needed to make the product, including materials of product components, if applicable. TBD - see 49 CFR Part 232 (https://www.ecfr.gov/current/title-49/subtitle-B/chapter-II/part-232)

## Are there applicable certification requirements?

# <mark>Yes</mark>

No

Please Explain: Association of American Railroads (https://www.aar.org/)

## Are there any applicable regulations that apply to the production of this item?

<mark>Yes</mark>

No

Please Explain: FRA Buy America (https://railroads.dot.gov/legislation-regulations/buy-america/buy-america)

Are there any other standards, requirements?

Yes

No

Please Explain: see 49 CFR Part 232 (https://www.ecfr.gov/current/title-49/subtitle-B/chapter-II/part-232)

## Additional Comments:

Additional technical comments: This equipment collectively forms a service-proven friction brake control system of the trainset with cardinal quality and safety demonstrated through field testing and millions of kilometers of revenue service. They operate as a system, integrated with the traction control system, and are available from a very limited number of qualified suppliers. The equipment is currently not manufactured in the U.S. and attempting to create such domestic manufacturing capability would add risk to the schedule and potentially compromise safety, reliability and delivery of the trainsets; as well as increasing the cost of those trainsets.

## Volume and Pricing:

Estimated Potential Business Volume (i.e. #Units per day, month, year): 10 units, 1 per Trainset Estimated Target Price / Unit Cost Information: \$32,000 per unit (ESTMIATED PRICE)

## **Delivery Requirements:**

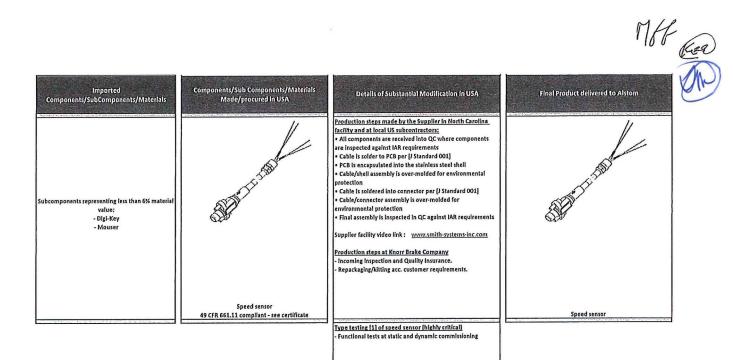
When is it needed by? (Immediate, 30 days, 6 months, etc) TBD - ESTIMATED at June 2025 with scheduled deliveries of BCUs for one half trainset per month each month until completion, unless specified differently by Alstom.

**Describe packaging requirements (i.e., individually/ group packaging).** Disposable wooden crate, palletized for forklift lifting capability, and 4 eyebolts for additional lifting.

# **Additional Comments:**

**Is there other information you would like to include?** Alstom will be available to answer any/all technical, logistical, packaging questions.





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