

# BOARD OF DIRECTORS

## ACTION ITEM

**Item Number:** BA2022-05

**Meeting Date:** October 25, 2021

**Item Title:** Bus Stop Real-Time Information Signage

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### **BACKGROUND**

When the bus is around the corner or otherwise out of sight, waiting passengers feel anxiety, not quite sure if they have arrived too late to the bus stop and just missed it, or perhaps it feels like they have been waiting too long. Real-time arrival prediction displays calm these fears and boosts customer confidence by reassuring waiting passengers that the bus is on its way. Digital signs also include transmitting messages to waiting passengers to alert them of bus delays due to construction detours or other incidents.

LED signs which show waiting passengers the time in minutes until their bus arrives have been in service at Spur shelters along East Lancaster since 2012. These systems use an algorithm to predict the arrival time from each bus's current location and speed determined by Global Positioning System (GPS) satellite data already installed aboard Trinity Metro buses. It then transmits a signal to update a digital display sign at the bus stop every sixty seconds, effectively counting the minutes until the bus arrives. In 2018, Trinity Metro installed real-time information signs of even newer technology at five transfer centers. These have screens that look much like tablet computers, use much less energy, and can be installed almost anywhere because they can be independently powered by small solar panels mounted at the top of the bus stop post or on the roof of a shelter.

Direct customer feedback has been favorable, and maintenance experience for this technology has been acceptable. Therefore, Trinity Metro staff recommend the installation of up to 45 additional real-time arrival prediction display signs.

### **PROCUREMENT**

Per the Trinity Metro Procurement Policy, Request for Proposal No. 21-T032 for Bus Stop Real-Time Information Signage was issued on June 18, 2021.

Eight proposals were received. An evaluation committee reviewed the proposals and, based on the overall scores, Connectpoint was the highest scored, most responsive, and responsible proposer.

The Trinity Metro Procurement Department has followed its procurement policy with this formal solicitation and complies with all applicable Federal, State, and Trinity Metro procurement requirements.

### **FINANCING**

Funds for this project are included in Trinity Metro's FY2022 Capital Budget. The City of Fort Worth has provided funds for the project previously approved in the Interlocal Agreement for Transit Technology and Innovation Infrastructure Improvements (BA2021-25).

**DBE UTILIZATION**

The Disadvantage Business Enterprise (DBE) Goal for this solicitation is 10%.

**RECOMMENDATION**

The Planning, Operations & Marketing Committee recommends that the Trinity Metro Board of Directors authorize the President / Chief Executive Officer to enter into a contract with Connectpoint Inc. for the purchase, installation, and support of Bus Stop Real-Time Information Signage, for an amount of \$220,500.00.

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Disposition by Board of Directors

*Tito Ralman*  
Secretary Approval:

*10/25/2021*  
DATE