

HART RFP 2021-01 Addendum 2:

Destination signs – bidders should supply AVL compatible destination signs on 4 cutaways.

LED Internal Stop request signs – One line capability is acceptable.

Responses to questions --

Alliance Technology Group LLC

1. How critical is it to have visibility and access into the mobile routers (wireless gateways) throughout their life-cycle?
Examples:
 - View data usage
 - Remote management and configuration of wireless gateways
 - Insight into the health of the cellular network
 - Trouble shooting tools
 - Analytics**The proposal should describe wireless gateway management and security as part of the description of all hardware and software required for web and mobile apps. This part of the proposal will be evaluated as part of System Capabilities.**

2. What are the security requirement surrounding the mobile communications?
Examples:
 - Web Content filtering
 - IPS/IDS
 - VPN Tunnel**See response to 1 above**

3. Is part or all of this project Grant funded? **Yes, all.**

4. Is part of all of this project Federally funded? **Yes, 80% of the project.**

5. Is there requirements or funding requirements for buying products made in America and or an acceptable attestation? **If the bid is more than \$150,000, the bidder must certify per the Buy America requirements, but if the bid is \$150,000 or less, no certification will be necessary (see Addendum 1).**

6. If Buy America is a requirement, is the funding agency Federal Transit Administration (FTA) or other? **FTA**

7. Is it important for the Buses to stay connected? **Yes. We will be relying on the system to provide real time information to operations and the riding public.**

8. What percentage of uptime Bus connectivity (stay connected) is required? **95%**

9. Is it important for the display (advertisements) to staying connect? **No**

10. Dual Carrier SIM applications help with staying connected, has HART considered dual Carrier SIMs to automatic failover from one carrier to the other carrier? **No**

11. Would dual Carrier SIMs be a hard requirement or would HART like to see it quoted as an option? **No**
12. Is FirstNet a hard requirement or would HART like to see it quoted as an option? **No**
13. Is 5G communication a hard requirement for future capabilities or would HART like to see it quoted as an option? **No**
14. We believe many devices will be connected and controlled by the WiFi to include but not limited to driver WiFi, passenger WiFi, digital displays, web filtering control, POS, future security surveillance, mobile and web-based apps, video storage downloaded via WiFi. Is HART considering adding WiFi, specifically wave 2 dual band? Is WiFi a hard requirement or would HART like to see it quoted as an option? **Wi-fi is required for communicating data to and from each bus on the garage property.**

Computer Aided Dispatch - **We do not have an existing CAD system for fixed route.**

15. Do you use a CAD (computer aided dispatch) system currently? If so,
 - a. Which CAD system?
 - b. Does it support an API/SDK?
 - c. Do you plan to keep this CAD or replace this functionality?
 - d. Can you provide detailed requirements for your Computer Aided Dispatch system?

AVL

16. Will some of the buses be equipped with phones or tablets? If so, will they be allowed to be used as a GPS tracking device instead of special hardware? **Tablets are acceptable for GPS tracking if it is demonstrated they will perform equally well as specialized hardware and if tablets are part of the vendor's solution.**
17. Will drivers be equipped with phones and can they be used as GPS trackers? **No**

Routes

18. Does HART currently have a GIS or other systems to map its routes, bus stops, etc? If so, can you provide us these details? **HART does not maintain a GIS.**
19. Do you expect a brand-new system for this functionality? **There has been an effort in-house to set up the GTFS feed via TransLoc's Architect program and it is substantially complete. We are asking for support to complete this process; this can be done through Architect or the vendor can recommend an alternative method.**

User Access

20. Can you provide details about Administrative Organizational Structure, for the purpose of assigning roles and privileges? **Drivers will be the primary interface on buses, Front Line Supervision will be actively engaged in using the system for dispatch and ensuring drivers are correctly logging in. Administrative level employees will be likely more engaged in system maintenance at the back end but could also be involved with dispatch and front-line usage given the small size of the staff here.**
21. Are you using a system like Active Directory for this purpose? **No**

Communications

22. Are you interested in advanced communication capabilities (such as audio, video and text chats) between stakeholders (drivers, security, public, etc.)? **No, but the system should allow for future expansion.**
23. Are you interested in sharing live video streams from onboard cameras with security and local law enforcement? **Yes.**

Web and Mobile apps

24. Are you planning to provide more details? **Outside of provision of bus location/next bus and route information we have no specific details in mind, bidders should describe their customer facing app in their proposals.**
25. Do you have specific requirements for ADA compliance? **Only as required by the ADA.**

Mobile Data Terminal (MDT)

26. Do MDTs have to be windows based? Can they be Android or iOS tablets? Can you mix and match them as needed? **We would accept a single operating system with tablets if it meets our requirements. Multiple types of tablets or different operating systems would not be acceptable.**
27. "Do you have an existing single point log in system? Such as Active Directory? **No**
If so, do you expect the solution to be integrated with it? Or can we provide a different system?"

Passio Technologies

1. Is the total number of vehicles to provide solutions for 57? **Yes, at present. This number may fluctuate in future depending on service provision.**
2. For integration of current systems, can you confirm this is for Farebox integration, Destination Sign integration (for those vehicles with signs)? **Yes.**
3. What type of fareboxes do you have in place at this time? **GFI Odyssey fareboxes are installed on all transit buses. Cutaways have drop boxes with no electronics.**
4. For destination signs and stop request signs, do they have J1708 connections? **Existing stop request signs are just a lightbulb in a box; there are no electronics. Destination signs on transit buses have J1708 connections. The Luminator Mobilite signs on the cutaways do not have them.**
5. What are the make and model numbers of the exterior Destination signs?

Hanover Displays E420F Eric ++

Twinvision SS2

6. If vehicles do not have destination signs or stop request signs, do you want the vendor to supply these signs for the vehicles? **Interior stop request signs are required on transit buses and 20 passenger cutaways. Destination signs (front and side) will need to be supplied for four cutaways currently equipped with Luminator Mobilite signs that are not compatible with AVL.**
7. Do the LED internal signs need 2-line capability as listed or will one line work? **One line will be sufficient**
8. For APC option, how many doors are on each vehicle that you want to have this option supplied? **Transit buses have two sets of doors, cutaways have a single set**

9. For APC option, do you want bike rack and wheelchair lift deployment recognized? If yes, do your vehicles have these sensors installed at this time? Which vehicles have bike racks and wheelchair lifts. **Yes, to both; no sensors are installed.**
10. For Infotainment option, will these displays be on all vehicles listed in the RFP? **Gillig Transit buses only.**
11. For on-site training, do you want this just as an option for staff, due to COVID restrictions, or do you want on-site training to be part of the main RFP pricing? **Virtual training is an acceptable alternative.**
12. Do your vehicles have external speakers for the exterior audio announcements? **Yes**
13. You mention currently scheduling with an excel spreadsheet, do you want to look at a scheduling solution as part of this RFP? **Not at this time, although we would like a system that will allow for a potential add-on of this feature at a future date.**