REQUEST FOR PROPOSALS

CELLULAR ROUTERS

DULUTH TRANSIT AUTHORITY

Addendum #1

November 13, 2020

Questions and Clarifications to date:

1. Question: Would DTA like to integrate the TransitMaster Vehicle Logic Unit to the proposed router to support cellular communications and FTP over WiFi?

DTA response: Yes integrating the VLU to the proposed router would be preferred, but not required.

2. Clarification: In the RFP, the request has been made for a Dual Cellular radio setup for (81) router/modems and (81) 6 in 1 antennas (2 cellular, 3 Wi-Fi, 1 GPS). On a Dual Cellular radio router each cellular radio requires (2) LTE leads so in that case it would require (4) cellular antenna leads if both cellular radios will be used simultaneously. Also, most Dual Cellular Radio routers also have Dual Wi-Fi radios as well. If both Wi-Fi Radios are in use and optimized you need (6) antenna leads. The typical request for this Dual Cellular Configuration is (2) 6 in 1 Dome Antennas per router (one of the GPS leads is left open since the router needs only one GPS feed.) This gives you the opportunity for proper antenna separation and will allow for all cellular and Wi-Fi radios to be used at the same time. Another possible configuration is to have the 6 in 1 and a 2 in 1 (cellular for the second radio) on top on top of the vehicle and an internally mounted 3 in 1 Wi-Fi antenna if you are going to provide ridership Wi-Fi. If you are only going to use (1) cellular and (1) Wi-Fi radio then the single 6 in 1 will satisfy that requirement per router.

DTA response: The DTA agrees that a single 6 in 1 antenna will satisfy the RFP requirement.

3. Question: Is there a need for a Dual Cellular Radio/Dual Wi-Fi Radio configuration or would a Single Cellular Radio/ Single Wi-Fi Radio meet your requirements? Even the Single Cellular configuration will allow for 2 SIMs but only one can be active at a given time.

DTA response: A singular cellular configuration is requested.

4. Question: Are there any VPNs that will need to be established between the router and a termination endpoint? If so, can you specify?

DTA response: No VPN is needed for the validator; the validator just needs access to the public internet to connect to Masabi's backend.

5. Question: Is there a date that an alternative test device will need to be delivered for the testing requirement?

DTA response: Test devices should be delivered to the DTA no later than Friday, November 20, 2020 for testing.