

Capital Area Transportation Authority



AMENDMENT NO. 1 TO SOLICITATION CELLULAR SERVICE

1. AMENDMENT NO: 1	2. SOLICITATION NO: RFP 2018-111	3. SOLICITATION NAME: CELLULAR SERVICE	4. AMENDMENT DATE: May 24, 2018
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5. ISSUED BY

Capital Area Transportation Authority
Purchasing and Contracts Department
4615 Tranter Street
Lansing, MI 48910

PLEASE NOTE: Contractor is required to sign this document and return it with the bid/proposal/quote.

6. DESCRIPTION OF AMENDMENT:

The following documentation has been attached to this Amendment:

- a) Questions Submitted and CATA Responses is attached.
- b) Revised Schedule of Activities to change the Proposal Due Date from May 31, 2018 to June 7, 2018 at 2:00PM EST, see attached Exhibit A.

All other Terms & Conditions remain unchanged.

NAME / TITLE OF OFFEROR (Type or Print)	COMPANY NAME
(Signature of person authorized to sign)	(Date Signed)



DATE: May 24, 2018

RE: CATA responses to Vendor Questions
RFP 2018-111, Cellular Service

A pre-proposal meeting was held on May 17, 2018, at 8:30 AM. Those in attendance were:

Sean Gleason, Director of IT Services
Cody Holley, Information Technology Services Technician
Ryan Larson, Information Technology Services Technician
Nicole Wilson, Purchasing and Contracts Manager
Mike Cleary, AT&T
Jamie Villarreal, AT&T
Steven Kahn, T-Mobile
Scott Fosbender, Sprint
Jon Tueche, Sprint

I. Questions and Answers

1. Is CATA using Federal Funds for the Vendor proposed solution?

A. CATA is a public agency; we receive federal funds from the Federal Transit Administration.

2. II-C Scope of Work (bullet 1) – “Contractor is to provide documentation, data service activation and wireless data services compatible with Trapeze Group’s AVL solution for approximately 250 vehicles.”

Could CATA provide Trapeze Group’s AVL solution specifications?

A. Yes, specifications for Trapeze ITS Novus can be provided.

3. Page 37 – ATTACHMENT A – CATA CELL PHONE INVENTORY
Could CATA specify how the following devices are deployed? Will CATA redeploy the following devices or is CATA requesting replacements for all currently deployed devices?

- SIERRA PINPOINT X ROUTER 19 -

A. These modems will be replaced by a GX 450 from CATA.

- SIERRA RAVEN XE-27 ROUTER 33

A. These modems will be replaced by a GX 450 from CATA.





- SIERRA WIRELESS MC5725 1
 - A. This modem will be replaced by a GX 450 from CATA.**
 - XCVR SGL 160
 - A. This is a Samsung Galaxy Smartphone.**
 - SW PINPOINT X 5728 1
 - A. This modem will be replaced by a GX 450 from CATA.**
 - ALCATEL 1018B DEVICE –
 - A. This is a feature phone.**
4. Page 37 – ATTACHMENT A – CATA CELL PHONE INVENTORY
- a. CATA listed handset devices in ATTACHMENT A. Is CATA requesting Vendor proposal for the 33 new handset devices as listed in ATTACHMENT A – CATA CELL PHONE INVENTORY or requesting Vendor proposal for devices that are substantially similar in make and model or manufactures listed in ATTACHMENT A?
A. CATA is seeking devices that are substantially similar.
 - b. CATA listed Vehicle Modems in ATTACHMENT B. Is CATA requesting Vendor proposal for the 237 new Vehicle Modems as replacements to the existing modems listed in ATTACHMENT B CATA VEHICLE MODEM INVENTORY or requesting Vendor proposal Vehicle Modems that are substantially similar in make and model or manufacture of the devices listed in ATTACHMENT B?
A. CATA software is certified for use with Sierra Wireless GX series modems. We require the existing modems to either be firmware flashed to the vendor network and supplied with the appropriate sim card or for the vendor to replace them with a GX series modem. CATA utilizes AirLink from Sierra Wireless to manage modems and would request devices compatible with AirLink.
5. Could CATA confirm the total number of device types being requested?
- Total number of Smartphone devices?
 - A. 33**





- Total number of Basic phone devices?

A. 3

- Total number of modem replacements?

A. We understand the GX450 series modems can be firmware flashed and the sim cards can be replaced to support any of the providers. CATA will need 14 GX 450 modems to replace 14 GX 400 series modems if current provider changes. We will need an additional 10 GX 450 modems for spares/replacements.

Please refer to question 3 for more detail.

6. Page 9: "Provide rugged tablets with data services for 65 vehicles. CATA is exploring the possibility of using Trapeze's Driver Mate program which runs Android or iOS tablets. The tablets would require GPS and cellular data service."

a. Please define 'rugged' in relation to the tablets. Is it acceptable to meet these requirements through cases and accessories?

A. CATA defines rugged by the general durability of the device. Our vehicles operate daily on the road which means the equipment must be able to absorb the shocks from the bumps. The power connection provided by the typical USB cord would need to be secured in a way that prevents tampering and loss of connection. CATA will evaluate the proposed solutions on a case by case basis.

7. Are there any additional capabilities needed by the GX450 besides GPS capabilities and Data transmission?

A. No

8. Is there a minimum number of Ethernet ports needed on the modem?

A. The minimum is 1. We anticipate the future expansion will be handled by a mobile gateway router.

9. Will any necessary replacement modem GX450's be connected with Bolt Mount or Mag Mount?

A. Bolt Mount

10. How many CATA bus stops will have connectivity during the pilot?





A. The minimum is 5.

11. How many of the planned bus stops have a covered building, and/or electric connections, and/or heat?

A. The bus shelters are covered and we anticipate electrical connection availability. At this time, it has not been determined if they will be heated.

12. What is the maximum number of users CATA would like to be able to connect to Wi-Fi in the bus stops at a given time?

A. CATA estimates 10 users at each bus stop; estimates 30 users at Downtown Transportation Center; and an estimate of 60 users at CATA Facilities (Tranter).

13. Can the RFP response deadline be extended by two weeks?

A. Please refer to Exhibit A.

14. Within item II-H Proposal Requirement – second bullet, can you please explain what level of detail is required for coverage maps, reports, statistics and warranties in order for us to be able to determine if an NDA needs to be signed?

A. CATA is requesting the vicinity of tower locations to map against our service areas. This information should provide high level detail on what type of coverage is provided in very specific regions of Ingham County to map against current problem areas.

15. Understanding from scope of work is that CATA and/or Trapeze will be installing equipment themselves? Or is the expectation that “vendors” will be providing installation services. If so, please explain?

A. CATA will perform all necessary installation.

16. Future expansion options: During Pre-proposal meeting it was discussed that future expansion features such as passenger internet, data management, etc. would be provided by an on-vehicle device separate of the GX450 device currently in place. Is this an accurate assessment? Or is there some future function that will be primarily handled by the existing GX450?

From Scope of Work

“Provide for future expansion and/or integration of internal and external systems such as onboard video, next bus information, transfer connection protection, transit signal priority and collision avoidance, passenger WiFi and Mobile Fare Payment.





Units on fixed route and paratransit vehicles, i.e., non-supervisor/facility vehicles, must have option to support future onboard IP based systems such as video recorders and passenger internet service. “

- A. Future expansion to be covered by a mobile gateway router to support additional devices as necessary.**

17. Please provide clarification to Attachment C as noted below:

Attachment C	Clarification Request	CATA Response
Ruggedized Tablet	Is consumer grade tablet with “rugged” case acceptable? If not what are requirements of rugged device?	A. Please refer to question 6 for the response.
LTE Signal Booster/Repeater	LTE Booster cost for 4 locations noted?	A. Yes
LTE Cellular Modem Hot Spot for Bus Stop	Router with Wi-Fi access point for bus stop locations. Devices will be house in enclosure from weather and temperature extremes?	A. Yes, please refer to question 11 for the response.
LTE Cellular Modem Hot Spot for Bus	Separate routing device for passenger internet connectivity. Capability to include options for management of content and bandwidth?	A. Yes, please include bandwidth and content management options.
Gateway/Router for Bus	Router device cost outline - If required to replace existing devices supporting current Trapeze infrastructure?	A. CATA requires a mobile gateway router compatible with GX450.

18. Will you accept GX450 substitutions with built-in Wi-Fi as long as we validate compatibility with current AVL solution?

- A. Any substitution of the GX 450 must include certification from Trapeze regarding compatibility with Trapeze Novus. CATA also utilizes AirLink from Sierra Wireless to manage all modems and requires devices compatible with AirLink.**

19. Do all vehicles currently have a modem installed?





A. Yes

20. Do all vehicles currently have external antennas? If yes, Cellular? GPS? Diversity?

A. The following list of antennas are installed externally on the vehicles-

Cellular

Radio

WiFi

Diversity

Auxiliary

21. What type of authentication, if any, should be required for passenger access to any Wi-Fi?

A. User can sign-in with social media or web-based accounts such as Facebook, Google, etc.

22. What type of authentication, if any, should be required for employee access to any WiFi?

a. For both passenger and employee access to WiFi, is a splash page desired?

A. Yes

23. Does CATA have an existing 802.11 network at its facilities, bus stops, or vehicles?

A. CATA Facilities-Yes

Bus Stops-No

Vehicles-No

24. Are you looking for an APN tunnel back to your network and firewall or a third party for content filtering and authentication?

A. We do not want an APN tunnel. 3rd party content filtering is preferred.

25. How many of the 250 vehicles are in active service?

A. All of them are in active service.

26. What are the operating hours for the vehicle fleet?

A. The vehicle fleet operating hours are from 5 AM to 2 AM.

27. When vehicles are not operating, at how many locations are they housed?





- A. **The vehicles are housed at two locations- CATA Tranter Facility (Lansing, MI) and TransDev's facility (Lansing, MI).**
28. What repeaters/signal boosters do you currently have in the garage?
- A. **None**
29. What is the square footage of the garage?
- A. **The square footage for the storage area is approximately 228,000. The square footage for the maintenance area is approximately 50,000.**
30. Is there a preferred operating system for tablets, IOS or Android?
- A. **DriverMate is compatible with Android.**
31. Are you partnering with Mobile Device Management?
- A. **Not at this time, CATA may consider it in the near future.**
32. Does CATA currently have bus stop connectivity?
- A. **Currently CATA does not have the Wi-Fi connectivity at the bus stops. The connectivity should be seamless for passengers while they are waiting at the bus stop to boarding the bus.**
33. The RFP mentions a trial period. When does this happen?
- A. **The typical timeline is 30 days after the award.**
34. Are you changing the network infrastructure? Do you want it to be more secured? Do you have a tunnel here and between the network?
- A. **CATA does not have plans to change the network infrastructure. The desire is to move the IP address to secure private network. CATA has the capacity to add a tunnel if necessary.**
35. When would you like everything live?
- A. **The service will be live before school starts, which is approximately mid to late August.**
36. Do you have specs for the repeater in the building?
- A. **We do not have the specifications readily available for the current repeaters.**



PRE-PROPOSAL MEETING SIGN IN SHEET
CATA RFP 2018-111
MAY 17, 2018 at 8:30AM

Company	Name	Phone	E-Mail
ATT	Mike Cleary	810 265 0237	MC7013@Att.com
ATT	Jamie Villareal	246 686 8772	JV279A@ATT.COM
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CATA	Nicole Wilson	(517) 394-1100	
CATA	Ryan Larson	(517) 394-1100	
CATA	Sean Colcason	(517) 394-1100	
CATA	Cody Holley	(517) 394-1100	

Capital Area Transportation Authority

Cellular Service

Request for Proposal – Project # 2018-111

SCHEDULE OF ACTIVITIES

RFP Released:	May 11, 2018
Pre-Proposal Meeting:	May 17, 2018 @ 8:30 AM EST
Written Questions Due to CATA:	May 22, 2018 @ 2:00 PM EST
CATA's Responses to Questions Released:	May 24, 2018
Number of Proposals and Due Date:	Submit (5) proposal copies and (1) electronic ("PDF") copy on CD/DVD or flash drive by 2:00 PM EST on June 7, 2018
Anticipated Award Date:	July 2018

Released on: May 11, 2018