



**CENTRAL OREGON INTERGOVERNMENTAL
COUNCIL**

REQUEST FOR INFORMATION (RFI)

ADDENDUM I FOR

**Computer Aided Dispatch (CAD) /
Intelligent Transportation System (ITS) /
Transportation Management Solution**

RFI Number: COIC R2020-01

Addendum I

SUMMARY:

The Request for Information (RFI) is modified as set forth in this Addendum. The original RFI remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFI.

Respondent shall take this Addendum into consideration when preparing and submitting its response.

1. Due to the impact of COVID-19 ("Corona Virus") on work flow at various organizations including COIC / Cascades East Transit, COIC will be extending RFI deadlines by two (2) weeks, including deadlines for questions. The following deadlines are intended to replace the deadlines as stated under heading "Important Dates" on page 1 of the RFI.

Deadline for Questions / Clarification: March 27, 2020

Answers to New Questions / Clarifications Posted: April 3, 2020

RFI Response Deadline: April 10, 2020

2. The following statement is expressed in this addendum for clarity. COIC will not comment on pricing or budgeting, nor will COIC comment on procurement-related questions, as COIC has expressly stated in Section I on Page 2 of this RFI that this RFI does not constitute a commitment, implied or otherwise, that COIC will take procurement action.
3. The following are answers to questions asked by interested parties, which are incorporated into this RFI to clarify existing or add additional information:

- a. **Would it be possible to get a fleet vehicle list?** Yes. This list is current as of 1/15/2020 and is subject to change.
- i. DAR / Paratransit:
 - 1. Qty: 27 x 25 – 35' Light-Duty Transit Bus
 - 2. Qty: 7 x Small Bus & Specialized Van
 - ii. Fixed Route:
 - 1. Qty: 3 x 25-35' Light-Duty Transit Bus
 - 2. Qty: 10 x 30' Light-Duty Transit Bus
 - 3. Qty: 4 x 35' Heavy-Duty Transit Bus
 - iii. Community Connector:
 - 1. Qty: 1 x 25-35' Light-Duty Transit Bus
 - 2. Qty: 3 x 30' Medium-Duty Transit Bus
 - 3. Qty: 6 x 30' Heavy-Duty Transit Bus
 - iv. Deschutes National Forest / Recreational
 - 1. Qty: 7 x 30' Heavy-Duty Transit Bus

Are all the vehicles using a two-way radio system?

Yes.

Is COIC using any CAD/AVL services currently?

Yes.

Is there currently a real-time mobile app for riders?

Yes.

Is there a desire to learn more about demand-response or microtransit services?

Yes. COIC is interested in potentially adding micro-transit / on-demand (via app) to perform various services which may or may not include delivering passengers to destinations, bus stops, and potentially accommodate same-minute / same-hour / same-day adds for DAR/PT and other COIC programs.

Does COIC collect fares?

Yes. Fares vary by zone and service.

What data and reports are important for COIC?

Custom / Ad-Hoc, Common Reports to include (but not limited to) Route/Trip/Run/Vehicle Status Reports, On-Time Performance, NTD Reports by Funding Pool, Trip Manifests, reports by Vehicle/Trip/Run/Driver, Driver Schedules (Staffing Reports), Operations Reports, Daily / Monthly / Quarterly / Annual Reports, Funding Source Reports, General Performance Reports, and Others. Please take this RFI opportunity to describe what reports your product offers and can offer.

Does COIC have a budget designated for technology improvements?

COIC makes no commitment to take procurement action from this RFI.

Does COIC have a pricing preference for technology quotes (i.e. higher capital costs upfront vs. ongoing subscription costs)

Pricing is not currently being considered in this RFI.

What existing hardware is currently on the vehicles?

In-Vehicle Router / Gateway (Cellular), RFID / Bar Code Fare Readers, Digital Video Recorders / Cameras, Automated Passenger Counters / Sensors, External and Internal LED Head Signs, External and Internal Speakers, Vehicle Annunciation Controllers, Delay-Off Power Relays, Tablets which host CAD / AVL Driver-Facing Mobile App

What existing software vendors is COIC using?

Route Match, Delerrok, Ride Systems, Hanover, Seon, Pepwave

What is the grading criteria used to evaluate proposals?

COIC is not accepting proposals, only information. COIC makes no commitment to take procurement action as a result of this RFI.

What is the intent of COIC following the RFI?

This RFI is intended to gather information about unique technologies and capabilities that are in service today, how they compare to COIC/CET's desires for the future of regional transportation, and to facilitate planning.

Do you offer a paratransit service?

Yes, COIC has two paratransit / dial-a-ride services, one Rural, one in Bend, Oregon.

The wireless gateway onboard, what is the model? Is there any physical connection available for an AVL device?

Pepwave Peplink BR1 Mini LTE

Switches are currently installed to extend the port count for Fixed Route and can be extended on other vehicles if necessary.

Can NMEA GPS feed be shared with a CAD provider in real-time? At what ping rate? Is an API readily available?

The Pepwave Peplink BR1 Mini is equipped to send NMEA/GPRMC Packets at intervals as low as once per second. There is no API for the BR1 Mini.

COIC lists their 'existing technology', within this RFI do they hope to replace any of the existing systems or just integrate them?

Currently, the technology that can be replaced include the Electronic Fare Collection System, Passenger-Facing Trip Planner / Route Status / Bus Location App (aka Real-Time App), and In-Vehicle Router / Gateway / GPS system (aka I.V.R./I.V.G.), Hub Depot Monitor(s), and Tablets.

The systems that cannot be replaced until they have met their useful life include the Automated Vehicle Annunciation / Head Sign System, the Automatic Passenger Counters, the Radio Systems, and the Digital Video Recorders.

The FTA Grant-Funded equipment can be replaced (ultimately, in the future), but for now, must be integrated if possible.

Does COIC utilize a solution currently for on-demand, DAR, and PT ride scheduling and dispatch? What is the solution?

Yes. On-Demand is manual (meaning rides are added via phone call, via a dispatcher or CSR, and based on availability). Dial-A-Ride / Paratransit is currently managed by Route Match Paratransit Modules.

Is COIC considering options to replace the DAR/PT dispatch system?

COIC cannot commit to a procurement as a result of this RFI at this time. COIC is considering upgrading its existing system, or replacing it, but makes no commitment to do so.

Does COIC currently use an electronic fare collection solution? Who is it provided by?

Yes, TouchPass by Dellerok

Can COIC provide a vehicle breakdown of the different services they provide and how many vehicles apply to each service type?

As of 1/15/2020:

10 Community Connector

34 Dial-A-Ride / Paratransit

17 Fixed Route

7 Recreational

4 Friendly Ride

2 Unassigned

*With Active Procurements for Additional Vehicles in the near future

Can COIC further specify how the Hanover AVA system can be integrated with, considering it's on the chart for integration?

It is assumed a limited partnership may exist between Hanover and a 3rd party (such as a CAD/AVL/ITS/TMS Provider). Hanover destination signs and AVA/TFTs are updated wirelessly via configuration files generated by Hanover proprietary software.

If it is not possible to perform integration with Hanover Systems, you may advise such in the RFI response.