

CAPCOG Air Quality Monitoring Equipment Request for Quotes Questions and Answers

Can a vendor provide a quote for just one type of equipment?

As stated in the RFP, CAPCOG invites any vendor to provide a quote for any equipment type, and any equipment type will be evaluated separately. We do not expect or require that a single vendor be able to provide all of the equipment requested.

Does CAPCOG have specifications for this equipment?

None other than what is described in the request for quotes (RFQ), although if there is any equipment being offered that has a federal reference method (FRM)/federal equivalent method (FEM) associated with it, please indicate that in the quote, and if it does not have an FRM/FEM associated with it, please indicate that as well.

Does “Automated Multi-Gas Calibrator Equipment” include both a calibrator device and a zero-air device?

We would like to receive quotes for both types of devices, quoted separately. If the devices only work in conjunction with one another (i.e., the specific calibrator will only connect with a specific zero air), that will need to be specified in the quote.

For the PM_{2.5} monitoring equipment, will you need the quote to include a shelter or not?

Include a shelter with the quote for the monitor.

Which compounds will CAPCOG be measuring with the calibrator?

For now, only ozone (O₃), but we may sample nitrogen oxides (NO_x) at some point in the future. If that makes a difference on what is being offered, please provide an explanation with the quote.

What concentrations will be checked for O₃?

CAPCOG checks O₃ at 0 parts per billion (ppb), 70 ppb, 200 ppb, 300 ppb, and 400 ppb.

For the PM samplers, do you want equipment that can report PM at diameter sizes other than 2.5 micrometers?

Please do not send us any quotes for equipment that is not listed on the request for quotes. However, if your continuous PM_{2.5} monitoring equipment meets our requirement to be FRM/FEM and also provides data on PM₁, please indicate that in the quote, since that would provide additional detail on the PM_{2.5} sampling we plan to conduct.

Can you clarify what type of sampling and equipment you are seeking for the PM_{2.5} monitoring devices?

We are seeking continuous PM_{2.5} samplers with capabilities comparable to MetOne's BAM-1022 (which the Texas Commission on Environmental Quality (TCEQ) uses in our area for regulatory monitoring) that can collect and report total PM_{2.5} concentrations at an hourly or sub-hourly temporal resolution and should be FEM/FRM for that purpose.

For the speciated monitors, we were anticipating collecting discrete 24-hour samples every six or twelve days and sending the filters to a lab for analysis so that we could determine how much different types of PM_{2.5} are contributing to the overall mass (i.e., elemental, carbon, etc.). If the continuous PM_{2.5} monitors offered can report this data and have FEM/FRM certification for this purpose, then you are welcome to submit one or more quotes for the speciated monitors that use the same model or models. We will be scoring each equipment type separately, so we will need one quote for the continuous monitor and another quote for the speciated monitor if you want to be considered for both types of equipment. If a

single piece of equipment can accomplish both of these goals, then submit that quote under both headings.

How does data flow through CAPCOG's monitoring system?

Data will flow from the instrument through a wire to either a data logger or a wireless modem (we do not need any modems). Data from the data logger will then need to be transmitted via wire to a modem. The wireless modem then transmits the data wirelessly to CAPCOG's server.