

C 0703-360 (17810)
EJMT Fixed Fire Suppression System



Questions and Answers from the Information Meeting held August 21, 2013

When will we have access to the preliminary report and plans?

Our original intent was to make this information available upon release of the RFQ. Based upon industry feedback, we will provide this information prior to LOI submission deadline.

When do we contact you for the tours?

We are working to determine the level of personal background information required for this Project. As soon as we have that determination, we will release the request for information for your team members expected to take a tour. When team members have passed the background security check, your team will be informed of those individuals eligible to tour the facility.

The mist system has been designed as the concept?

Yes, the mist system has been designed as conceptual; however a mist system is not the baseline. We are open to designs that adhere to the established project goals such as foam, mist, deluge, etc. We determined that industry can provide the best, most economical solution and have invoked the Design Build process to obtain this result. The RFP will be performance criteria based, so how you best meet that is how you will be evaluated.

What will be required so far as proof for meeting the criteria?

Proof of concept at RFQ probably will not capture it. Proof of individual teams' ability to meet contractual requirements, will be evaluated within the RFP. Submitter Experience, Qualifications of Key Personnel, Project Understanding and Approach, and Project Management Approach will comprise the basis of short listing Proposers as part of the RFQ. We anticipate that the most highly experienced and qualified teams will be short listed.

A 200 MW fire is the direction, correct? What is the timing associated with that?

Yes, fire suppression for 60 minutes.

Can we bring four persons per team or company for the tour?

Per company, if you are teaming with someone else, you can bring up to 8. Maximum team participation at tour is limited to 8.

Will the RFP identify how much time we need for SHPO clearance if we don't do the prelim system?

No. SHPO review and supplemental clearance will depend on how big your changes are, and what the footprint is. We are negotiating with SHPO for review timeframes and will include these timeframes within the RFP.

What about a building attached to the tunnel; does SHPO have to clear that as well?

Our understanding is that the SHPO clearance resides only inside the tunnel, but we will get verification of this. Anything outside the tunnel, the Forest Service will have the final say. The least impactful footprint will have the most favorable appeal to the Forest Service.

What are the constraints related to using the arch area in the ceiling?

Several utility ducts are located on the divider wall so you must work around them. The divider wall is nearing structural load capacity; therefore, any significant loads that need to go in the ventilation ducts will be required to be attached to the ceiling. There is significant load carrying capacity on the tunnel ceiling. Maintenance access must be preserved in order to traverse from end to end within the ventilation ducts.

Will as-built drawings be provided?

Yes, upon release of the Draft RFP.

Being design build, do you want the team to be led by the fire suppression specialist?

We want a team with proven competence with design and construction, it can be engineering, fire, etc., and we have no preference. Please keep in mind that a Colorado Licensed Professional Engineer will be required to serve as the Engineer of Record. Key personnel will be identified in the RFQ.

Are we allowed to converse with a structural engineer? Is there anyone we can collaborate with who knows about the tunnel?

As part of the RFQ, we anticipate a tunnel engineer to be part of your team. We will not be providing a tunnel/structural engineer. As-built drawings of the tunnel structure will be made available, for your use, upon release of the RFP.

What about water quality and treatment with runoff, is current system adequate?

Water quality will be part of the project. The tunnel drains from west to east, so any water will eventually flow to Clear Creek. There is an existing runoff containment system within the tunnel. The adequacy of the existing system must be verified under the base fire and suppression system operations. If it proves inadequate, the existing system will require appropriate improvements commensurate with system requirements. These requirements are a function of the proposers' fire suppression solution and associated flows.

As far as utilities in the existing ventilation ducts, is there any criterion as far as maximum area?

Preliminary pipe sizing was identified as part of our Conceptual design. This information will be made available prior to the LOI submission deadline. Control systems required for the Project are anticipated to be installed inside the ventilation ducts. Should proposers choose to use this methodology, then the access through the ventilation ducts must be preserved.

Will we need to re-analyze airflow afterwards?

The current emergency ventilation plan tells the operator what fans to turn on and off in order to best handle the situation. This emergency plan will need to be tied to the new fire suppression system in order to get the best ventilation needed to suppress the fire. The current protocol is to turn the fans on

full blast when there is a fire in the tunnel; however, preliminary investigation has told us this is problematic if a mist system were to be installed. We will require some demonstration of no adverse impacts upon system installation and completion.

Will the sign-up sheet be made available?

Yes, we will post it on the website, and the presentation will be uploaded as well.

The water line under the roadway; what is purpose of it, and can it be tapped into for this project?

Currently, it is the clean water supply for the tunnel and also supplies water to the existing stand pipes used for firefighting. It can be utilized by proposers. If the existing water line is utilized as part of the new fire suppression system, proposers shall demonstrate the water line has a similar service life to all other components of the new fire suppression system. The water line is located in the right travel lane in each tunnel.

Will the narration be included with presentation?

Yes, it will be posted on the website as well.

Will the plans for the portals at both ends be included in the as-builts for vehicle access, etc.?

Yes. Any existing as-builts will be provided upon release of the Draft RFP.

Are there any other special criteria for the selection process? (RFP)

We are currently working on the Draft RFP; however, we anticipate a performance based selection. We have a limited budget, and want to know if proposers are capable to execute this project, in the specified time frame, and for the price. We will require proof of successful design and installation of similar project(s).

How much will the stipend be?

We are still working through those calculations and deciding on the amount. However, the project is budgeted for \$20 to \$25 million. You can research past CDOT design build contracts and estimate the stipend amount.

During RFQ process, can we talk one-on-one?

No, upon release of the RFQ process ex parte communication protocols will be in place. Therefore, upon release of the RFQ, you will be required to email all questions or comments to the project email address. All questions or comments will then be responded to in writing and will also be posted on the project website so all bidders have access. If your question is proprietary, you need to inform us when you submit the question. If we agree that it is indeed proprietary, we will not publish it.

Will the DBE goals be separate for design and construction, or combined?

The plan is to combine the goals, but we need to confirm this. The RFP will have the final decision.

As a side note, those of you not teamed up (Designers, Contractors, etc.), pull your network together so you can get people on the Letter of Interest list, etc.