

Questions and Answers

In accordance with the ITP for the Project, CDOT has received the following questions from the Proposers and hereby issues the following responses to each question.

Question #	Document	Section	Question/Comment from Proposer	CDOT Response	Response Date
1	RFP	All Sections	What are the Standard Specifications?	They are described in Book 1, Exhibit A. They are the Colorado Department of Transportation Standard Specifications for Road and Bridge Construction, 2011 edition. They are available online and a link has been provided to the Proposers.	May 19, 2014
2	Book 1	Section 4	Section 4.2.1 - Notice to Proceed - What exactly is NTP1?	When the contractor is selected, they will receive a Notice of Award. Once the Notice of Award is received, the Contractor will then get bonds in place and when the Contractor and CDOT are ready to start the project, the Contractor will receive NTP1 meaning they can start design.	May 19, 2014
3	Book 1	Section 4	Section 4.2.2 - Notice to Proceed - What is NTP2?	This is the notice to start construction and CDOT could issue multiple NTP2s if construction is phased.	May 19, 2014
4	Book 1	Section 4	Section 4.3.2 - Interim Acceptance Deadline - What is Interim Acceptance?	Interim Acceptance is defined in Book 1, Section 20.1.4.	May 19, 2014
5	Book 1	Section 6	Section 6.3.1 - Mitigation Requirements - Please list the mitigation measures CDOT will conduct. Is there a mitigation measure table available at this time?	The limits of Environmental sensitivity are shown in Book 2, Section 5, Exhibit A. The Contractor shall remain out of the environmentally sensitive areas.	May 19, 2014
6	Book 1	Section 7	Section 7.2 - Disadvantaged Business Enterprises - Do DBEs need to be registered with CDOT specifically to achieve points or can they provide other documentation stating they qualify i.e. national or state registration?	All DBEs must be on the Colorado Unified Certification Program list that is supported by CDOT and the City and County of Denver. The website is www.coloradodbe.org .	May 19, 2014
7	Book 1	Section 7	Section 7.2 - Disadvantaged Business Enterprises - Do WBEs count as a DBE?	Only Colorado Unified Certification Program participants are eligible DBEs for this Project.	May 19, 2014
8	Book 1	Section 11	Section 11.5.1 - Retainage and Deductions - What is the retainage rate?	The retainage rate is 3% of the value of the completed work, exclusive of mobilization and payments for materials on hand, to a maximum of 1.5% of the original contract amount.	May 19, 2014

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9	Book 1	Section 18	Section 18.2.1 - Pre-Existing Site Contamination - Is there any known contamination on-site? If so, where, what contaminant, and in what concentration?	Asbestos contamination exists in both ventilation buildings.	May 19, 2014
10	Book 1	Section 19	Section 19.2.2 - There is no language in the Contract with regards to arbitration for claims resolution. Can this be added since this process saves time and money if required?	Section 19.2.2 of the Final RFP has appropriate language regarding claims resolution and arbitration.	May 19, 2014
11	Book 1	Section 21	Section 21.1.1 (6) - Project Warranties and Representations - Can CDOT please clearly and explicitly state and define the definition of "fit for use", the intended function and purpose of both the detection system and suppression systems, and the specific code standards which are to be met?	"Fit for use" means the Project should be designed to function for the specific use CDOT has defined in the Contract. This phrase is meant to ensure the Contractor provides the fire suppression system CDOT has required, understanding, that if the design event is exceeded, CDOT accepts that risk.	May 19, 2014
12	Book 1 ITP	Section 22 Section 5	Section 22.1 and Section 5.12 - Escrowed Proposal Documents - What is the process regarding the Escrowed Proposal Documents?	The process for the Escrowed Proposal Documents is in place to reduce disputes. This process is utilized any time CDOT has a large/complex project, which this project qualifies as such. When the Contractor negotiates prices, their assumptions are proprietary. If a dispute arises and the contractor says, "We didn't bid it this way," CDOT and the contractor can go back to the Escrowed Proposal Documents and review the assumptions to solve the dispute. Typically, the Escrowed Proposal Documents are kept in a bank safe deposit box, where the contractor and CDOT both have a key for access. Both parties need to be present in order to open the box. This eliminates the contractor from changing assumptions, prices, etc. and also prevents CDOT from reviewing the documents without the contractor present.	May 19, 2014
13	Book 1	Exhibit C	Exhibit C.3 - FHWA Buy America Requirements - Does Buy America apply to this project?	Yes. Buy America requirements are in Book 1, Exhibit C, Federal Provisions.	May 19, 2014

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14	Book 1	Exhibit F	Will the OCIP cover insurance for the off-site testing facility?	Coverage depends on location of off-site testing facility.	May 19, 2014
15	Book 1	Exhibit F	Will the OCIP cover insurance for the 5-year Maintenance and Operation period?	No, the M&O period would not be covered by the OCIP. This would fall back on normal CDOT coverage requirements.	May 19, 2014
16	Book 1	Exhibit F	Section F.1.2.8 - Builder's Risk - Will the Owner be purchasing Builders Risk? If yes, will a waiver of subrogation be provided in favor of enrolled Contractors?	Yes, and mutual waivers of subrogation will apply.	May 19, 2014
17	Book 1	Exhibit F	Section F.1.2.8 - Builder's Risk - Will the Builders Risk policy include all subcontractors as insureds?	Yes, Builders Risk includes all enrolled subcontractors as Named Insureds.	May 19, 2014
18	Book 1	Exhibit F	Section F.1.2.8 - Builder's Risk - Will subcontractors have standing on the Builders Risk policy to make claims directly?	All Builders Risk claims will follow the OCIP claim process highlighted in Section 9 of the Project Insurance Manual, but they shall be reported to Lockton's OCIP Administrator first.	May 19, 2014
19	Book 1	Exhibit F	Section F.2.2.1 - Commercial General Liability Policy Limits - It appears that Contractual Liability coverage for enrolled subcontractors is not provided by the OCIP - what is the intent of this exclusion?	This is standard Commercial General Liability form language. There appears to be an exclusion; however, there is a give back for liability assumed under an "insured contract".	May 19, 2014
20	Book 1	Exhibit F	Section F.2.2.1 - Commercial General Liability Policy Limits - Please provide the following exclusionary endorsements for our review: a. Damage to Property - modified or deleted by endorsement; b. Damage to your Product - modified or deleted by endorsement; c. Damage to your Work - modified or deleted by endorsement; d. Damage to Impaired Property or Property Not Physically Injured.	These are typical exclusions on the General Liability policy form.	May 19, 2014
21	Book 1	Exhibit F	Section F.2.3 - Contractor's Obligations-OCIP - Will insurance required to be provided by enrolled Contractors apply to off-site exposures only? Where in the documents provided does it read as such?	Yes, with the exception of Auto Liability, which is for on-and off-site, and any coverages not provided by OCIP. Refer to Book 1, Section F.2.3, and Section 5 of the Project Insurance Manual.	May 19, 2014

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22	Book 1	Exhibit F	Section F.2.3 - Contractor's Obligations-OCIP - If enrolled subcontractors are to provide coverage that is broader than off-site only, how are they expected to give premium credit in their bids?	Enrolled subcontractors are only required to provide the limits listed in Book 1, Section F.2.3 and Section 5 of the Project Insurance Manual. Should they choose to provide higher limits, that is their choice. CDOT will not credit bids for that decision.	May 19, 2014
23	Book 1	Exhibit F	Section F.2.4.7 - Railroad Protective Insurance - Will a blanket Railroad Protective Policy be provided for the project covering all subcontractors and suppliers and transport firms?	Railroad Protective Insurance is not required for this Project.	May 19, 2014
24	Book 1	Exhibit F	Project Insurance Manual - The manual reads that certain policies (listed below) can be provided at the Owner's discretion - which of these are being provided: a. General Liability - covering 8 years of Complete Operations Coverage; b. Excess Liability; c. Pollution Liability; d. Builders Risk.	CDOT will provide the following OCIP coverage for on-site work: Workers Compensation, General Liability, Excess Liability, Contractors Pollution Liability, and Builders Risk. Copies of these policies are available to the Contractor upon request.	May 19, 2014
25	Book 1	Exhibit F	PIM Section 4.2 - Commercial General Liability - Will components being prefabricated off-site and installed as part of the Project be covered under the Wrap Up?	Actual installation of the product would be covered because it is on-site. The product itself is not covered in the OCIP. Refer to Section 5.3 of the Project Insurance Manual.	May 19, 2014
26	Book 2	Section 1	Section 1.1 - General Technical Requirements - In Book 2, Section 1.1, it refers to EJMT complex; is that the correct reference?	No. It should be called "roadway space". CDOT will be adjusting the language in the Final RFP.	May 19, 2014
27	Book 2 ITP	Section 1 Section 1	Section 1.3 and Section 1.8 - Options - Will CDOT add options?	No. Options will not be added to the Project. CDOT will be adjusting the language in the Final RFP.	May 19, 2014
28	Book 2	Section 1	Exhibit A - Office Space - Is there an office area or is it within staging limits?	The Contractor may place a field office within the staging limits.	May 19, 2014
29	Book 2	Section 1	Exhibit A - Staging Area - Are we responsible for snow removal in the staging area?	Yes, the Contractor is responsible for snow removal in their staging area.	May 19, 2014
30	Book 2	Section 1	Exhibit A - Please provide a copy of the tunnel safety procedures.	These have been added to Book 2, Section 1, Exhibit A of the Final RFP.	May 19, 2014
31	Book 2	Section 2	Section 2.1.3.3 - Schedule Requirements - Is MS Project required or can other software be used?	CDOT requires schedule output to be submitted in MS Project 2010. The Contractor may use other scheduling software for input that supports output in MS Project 2010.	May 19, 2014

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32	Book 2	Section 5	Section 5.0 - Environmental Requirements - Please provide the table of contents for a sample of the environmental compliance work plan.	If necessary, one will be provided prior to NTP1.	May 19, 2014
33	Book 2	Section 5	Section 5.0 - Environmental Requirements - Please provide the SHPO aesthetic requirements.	The Conceptual Design Plans have been approved by SHPO. Any deviation from the Conceptual Design may require further Governmental Approval from SHPO.	May 19, 2014
34	Book 2	Section 5	Section 5.1.7 - Recognized Hazardous Materials - Is there any known lead paint or asbestos on-site? If so, where, and in what concentration?	Asbestos contamination exists in both ventilation buildings. Concentrations are unknown.	May 19, 2014
35	Book 2	Section 5	Section 5.3 - Environmental Commitments and Mitigation - Please provide the current MS4 permit with which to be complied.	CDOT's MS4 permit is located at: http://www.coloradodot.info/programs/environmental/water-quality/documents/CDOT%20MS4%20Permit.doc/view	May 19, 2014
36	Book 2	Section 5	Section 5.4.1.4 - Erosion Control Supervisor - How often will the Erosion Control Supervisor submit the written report during normal construction?	The ECS shall do a report every 14 days and after any event.	May 19, 2014
37	Book 2	Section 5	Section 5.6 - Project Special Provisions Dewatering - Is there any information available regarding groundwater contamination?	CDOT is not aware of any information implying groundwater contamination.	May 19, 2014
38	Book 2	Section 15	Section 15.2.2 - Design Parameters - Can we get the load calculations regarding the plenum floor capabilities?	Details of the plenum floor load capabilities have been defined in Book 2, Section 19.8.1 of the Final RFP.	May 19, 2014
39	Book 2	Section 16	Section 16.2.1 - Traffic Control Plans - Are there any restrictions on working times?	If the Contractor's work is not impacting traffic (i.e. no lane closure), then they can essentially work 24/7 subject to tunnel maintenance operations. If the Contractor's work is impacting traffic, then working times will be limited to those shown in Book 2, Section 16.2.1.	May 19, 2014

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40	Book 2	Section 19	Since the fire trucks can respond quickly to fires near the entrances and exits of the EJMT, do they need to be covered by fire suppression? If not, how far into the tunnels should the FFSS start?	The entire roadway space in the tunnel needs to be protected with the FFSS, including the areas near the portals.	May 19, 2014
41	Book 2	Section 19	Can propane be utilized as a gas source for equipment?	Yes.	May 19, 2014
42	Book 2	Section 19	What size is the gas line at the west portal?	All utility information is located in the Reference Documents or can be obtained from the utility owner.	May 19, 2014
43	Book 2	Section 19	Section 19.4 - Codes and Standards - Has Colorado adopted NFPA 502?	No. NFPA 502 should be used as a guideline; however, CDOT is the AHJ at the EJMT.	May 19, 2014
44	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - Does the current CCTV camera system cover every foot of the tunnel roadway? How old are these cameras?	CDOT does not anticipate the use of the existing CCTV camera system as part of the FFSS.	May 19, 2014
45	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - Please confirm the size and quantity of the spare electrical conduits available in the plenums.	No spare conduits in the plenum are available for use for the FFSS.	May 19, 2014
46	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - Does protection need to be provided for the tunnel's sodium nitrate lights?	All tunnel lighting, fittings, and fixtures need to be protected during construction.	May 19, 2014
47	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - What are the demand, capacity and loads on the existing battery system and can it be utilized for this contract?	The existing battery system is only for current systems at the EJMT. A new backup battery system is required for the FFSS, separate of the existing system.	May 19, 2014
48	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - The existing CCTV cameras were recently replaced by CDOT. Are there cut-sheets available for these cameras?	No. This information is not available.	May 19, 2014
49	Book 2	Section 19	Section 19.8 - Existing Tunnel Systems - If available, please provide flow tests (psi and gpm) for the hydrant system.	This information is not available at this time. If needed during design, CDOT will provide.	May 19, 2014
50	Book 2	Section 19	Section 19.8.4 - Water Supply System - Is the existing 8" hydrant water supply pressurized or gravity fed?	The existing water system is gravity fed.	May 19, 2014

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51	Book 2	Section 19	Section 19.8.4 - Water Supply System - Will the existing supply tank need to be relined under this contract?	Section 19.10.1 in the Final RFP has been adjusted to reflect this requirement.	May 19, 2014
52	Book 2	Section 19	Section 19.8.5 - Electric Power System - Is there redundant power from the east and west sides of the tunnels serving electrical and other associated equipment?	Yes.	May 19, 2014
53	Book 2	Section 19	Section 19.8.5 - Electrical Power System - Please provide the amount of permanent power available for this project.	CDOT will be adjusting the language in the Final RFP.	May 19, 2014
54	Book 2	Section 19	Section 19.9 - Fixed Fire Suppression System - How arbitrary is the 100 foot minimum zone length?	CDOT has considered this question and after further review has determined the zone lengths shall be between 80 feet minimum and 100 feet maximum. CDOT will be adjusting the language in the Final RFP.	May 19, 2014
55	Book 2	Section 19	Section 19.9 - Fixed Fire Suppression System - Does the activated capacity of "two adjacent sections" mean two of the (100' minimum) zones must be able to run simultaneously?	Yes. Two adjacent zones means the system needs to support a maximum of 200' of fire suppression system running during each event. The minimum zone length has been adjusted in the Final RFP, Book 2, Section 19.9.1.	May 19, 2014
56	Book 2	Section 19	Section 19.9 - Fixed Fire Suppression System - If the CFD modeling proves inadequacies with the existing ventilation system, how does CDOT plan to address these?	The existing ventilation system will not be modified. The proposed FFSS shall accommodate the existing ventilation system capabilities. Only operational protocols for the existing ventilation system may be modified.	May 19, 2014
57	Book 2	Section 19	Section 19.9.2 - Fixed Fire Suppression System Design Criteria - Can the vertical duct divider walls between the exhaust and supply air plenums be penetrated.	Yes.	May 19, 2014
58	Book 2	Section 19	Section 19.10 - Water Supply System - What is the vibration and over blast pressure limits if blasting is required for the installation of the tanks?	CDOT will be adjusting the language in the Final RFP.	May 19, 2014

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59	Book 2	Section 19	Section 19.10 - Water Supply System - Where is the new water storage tank to be located? Can it be piped in series with the existing 120,000 gallon tank?	The language in the Final RFP has been adjusted to remove the requirement for a new water storage tank. If the Proposal requires a new water storage tank, it can be located anywhere within the foot print of the ROW at the west portal. Yes, it can be piped in series with the existing 120,000 gallon tank.	May 19, 2014
60	Book 2	Section 19	Section 19.10 - Water Supply System - Is there an approved spoil site for excavated material from the tank installations?	CDOT will supply a short haul site located near the Project Site for uncontaminated spoils.	May 19, 2014
61	Book 2	Section 19	Section 19.10 - Water Supply System - Is it acceptable to bench cut into a hill for the new supply tank?	Yes.	May 19, 2014
62	Book 2	Section 19	Section 19.10 - Water Supply System - Will Schedule 10 pipe be acceptable in lieu of Schedule 40?	The Contractor shall provide water pipe which can withstand the proposed pressure requirements of the FFSS.	May 19, 2014
63	Book 2	Section 19	Section 19.10.1 - Water Supply System Requirements - Is an additional water tank required?	Yes. CDOT is reevaluating this requirement. CDOT will be adjusting the language in the Final RFP.	May 19, 2014
64	Book 2	Section 19	Section 19.11.2.1 - Infrared Closed Circuit Television Fire Detector Subsystem - Is replacing all existing cameras required?	No. The RFP is structured for the primary method of detection to be linear heat detection, supplemented with low light visual detection. The intention of the cameras is to minimize false alarms. When the heat detection system is triggered, it sets off the alarms, and unless the tunnel operator hits the cancel button within a minute (approximate amount of time), the system is activated.	May 19, 2014
65	Book 2	Section 19	Section 19.11.3 - Fire Alarm Control Panel - An FACP is required at the west portal. Does CDOT want to add control at the west end or will monitoring suffice?	Section 19.11.3.1 of the Final RFP has been adjusted to include the ability to monitor and control operation of the FFSS at the west portal.	May 19, 2014
66	Book 2	Section 19	Section 19.11.3 - Fire Alarm Control Panel - Does a remote annunciator tied to the FACP meet the intent of RFP Section 19.11.3?	If this is in reference to the requirement for a duplicate FACP, the answer is no.	May 19, 2014

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67	Book 2	Section 19	Section 19.12.2 - Electric System Design Criteria - Does the new standby generator only need to provide backup power for the new FFSS loadings?	Yes.	May 19, 2014
68	Book 2	Section 19	Section 19.12.2 - Electrical System Design Criteria - How long will the battery backup power need to be rated for?	UPS backup shall be provided for electronic equipment including servers, network devices, and workstations. The capacity of the UPS shall be sufficient to permit the emergency generator to come up to speed and energize the emergency circuits.	May 19, 2014
69	Book 2	Section 19	Section 19.12.2 - Electric System Design Criteria - Where are the non-penetrable plenum floor structure beams located?	The plenum floor is constructed of prestressed panels, not structure beams.	May 19, 2014
70	Book 2	Section 19	Section 19.13.2 - Existing Building Modifications Design Criteria - How will the new Operator Interface Workstation be integrated into the new Control Room?	Section 19.13.1 of the Final RFP describes this integration.	May 19, 2014
71	Book 2	Section 19	Section 19.14.1 - Testing - What is CDOT's definition of a "full-scale test" for design purposes?	CDOT will be adjusting the language in the Final RFP.	May 19, 2014
72	Book 2	Section 19	Sections 19.17 and 19.18 - Please describe the 5-year and 30-year maintenance plan intention.	CDOT will be adjusting the language in the Final RFP.	May 19, 2014
73	Book 3		Are we required to design this project based on the UPTUN document in Book 3?	The UPTUN document was provided as guidance for a mist system. CDOT has moved both the NFPA 502 and UPTUN documents to the Reference Documents as they are both guidance documents.	May 19, 2014
74	ITP	Section 1	Section 1.11 - Procurement Schedule - Will CDOT consider extending the bid schedule?	Yes. A preliminary update to the Procurement Schedule has been provided to Proposers. CDOT will be adjusting the language in the Final RFP.	May 19, 2014
75	ITP	Section 1	Section 1.11 - Procurement Schedule - Will it be acceptable to extend the date to make changes to team personnel to June 1, 2014?	No. Key Personnel need to be finalized by May 19, 2014 as part of the Final RFP Question and Answer period.	May 19, 2014
76	ITP	Section 2	Section 2.3.1 - Alternative Technical Concepts - Will the Final RFP use the Contractor submitted ATCs to develop one type of system to be bid by both teams?	No.	May 19, 2014

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77	ITP	Section 2	Section 2.5 - Submission of Proposals - What is the preferred delivery method for the Proposal?	Section 2.5 of the ITP describes the procedure for submitting Proposals.	May 19, 2014
78	ITP	Section 2	Section 2.6 - Evaluation of Proposals - How will the proposals be evaluated?	Proposals will be evaluated based on criteria established in the ITP, Section 2.8.	May 19, 2014
79	ITP	Section 2	Section 2.6 - Evaluation of Proposals - Please clarify the written requirements for Volume 3, Sections 1 and 2. As described, Section 1 only addresses the FFSS and not the appurtenant systems and Section 2 is specifically for the maintenance aspects and integration of the appurtenant systems to the existing tunnel structure. Shall Section 1 address the design and construction of all the systems?	The Final RFP reflects Volume 3 submission requirements.	May 19, 2014
80	ITP	Section 2	Section 2.7.1 - Oral Presentations - Will an oral presentation be required?	CDOT reserves the right to invite the Proposers to make oral presentations, but does not anticipate requiring oral presentations for this procurement.	May 19, 2014
81	ITP	Section 4	Section 4.3 - Where in the Proposal shall the DBE information be submitted?	Section 4.3 of the ITP describes how to submit DBE in your Proposal as part of the EEO and Workforce Development Plan.	May 19, 2014
82	ITP	Section 6 Form M	Section 6.0 - Contract Execution - Can you provide clarification of the Opinion of Counsel, Form M, of the ITP?	The Opinion of Counsel offers CDOT protection. Usually traditional design build projects are large, complex projects where two companies have formed a joint venture. The Opinion of Counsel form states that these companies have entered into a legal partnership and can perform the design build contract.	May 19, 2014
83	Reference Documents		Reference Documents - Have all details and information been released for this project?	Yes. As far as CDOT is aware, all information and details have been released.	May 19, 2014

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84	Reference Documents		Conceptual Design Plans - The Conceptual Design Plan drawings show the existing water main pipe from the creek to the tunnels and the 120,000 gallon storage tank need to be cleaned and coated, as well as new filtration installed at the creek. Is this a requirement of the RFP if a mist system is not pursued?	The existing water tank and pipe from the tank to the tunnel need to be cleaned and coated. CDOT will be adjusting the language in the Final RFP. A new filtration system is only required based on the proposed system.	May 19, 2014
85	Reference Documents		Conceptual Design Plans - The reference drawings for the mist system show an existing draw-off tank. What is this used for and is it normally empty?	Use of the tank for the FFSS has not been investigated by CDOT.	May 19, 2014
86	Reference Documents		ROW - West Portal ROW Only - What are the Right of Way limits on the east side?	The edge of pavement for the loop road is the Right of Way limit on the east side.	May 19, 2014
87	Reference Documents		Please provide a copy of CDOT's Emergency Response Plan.	This has been added to the Reference Documents of the Final RFP.	May 19, 2014
88	Reference Documents		NFPA 502 - Does a 500 gpm hose allowance meet the intent of the RFP specification?	The Contractor shall provide code analysis to support recommendations for system criteria, including fire hose stream allowance during FFSS operation.	May 19, 2014
89			Can CDOT provide information on the equipment used for this purpose at the Caldecott Tunnel Fourth Bore project?	No. This information is not available to CDOT.	May 19, 2014
90	Reference Documents		Is there more information available on the duct membrane?	The existing membrane is bituthene.	June 16, 2014
91	Book 1	Section 2	Section 2.1.3.1 - What will be the review and approval process for submittals? Will the review be conducted by CDOT, Parsons, other State organization, or 3rd party fire protection engineering firm?	At a minimum, unless otherwise stated in the Contract, CDOT shall have 10 Working Days for review, Approval, and/or Acceptance of all deliverables. Review, Approval, and Acceptance will only be conducted by Project personnel. The language in the RFP has been revised.	June 16, 2014
92	Book 1	Section 2	Section 2.1.3.1 - The Final RFP has numerous requirements for submittal of reports and procedures for CDOT (and other review parties). Due the critical path of the design for the fire protection system, what could the expected review and approval time be for submittals?	For the purpose of scheduling, plan that CDOT's review and Approval time will be 10 Working Days for each submittal.	June 16, 2014

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93	General		Is the Project exempt on permanent materials being taxed?	CDOT does not provide tax exemption for materials. However, CDOT has sent information to both Proposers about the Contractor's ability to obtain tax exemption status for a federally or state funded project.	June 16, 2014
94	Book 2	Section 19	Section 19.10.1 - This section requires inspection, cleaning, and coating of the existing water line from the tank to the West Ventilation Building. Does this refer to lining the pipe, rather than coating? If so, what type of lining?	Cleaning and coating/lining of the water line shall be in accordance with AWWA M28 Class I procedures. The language in the RFP has been revised.	June 16, 2014
95	Book 2	Section 19	Section 19.8.1 - Please confirm that the allowable floor loading information indicated also applies to the East and West Portal transitional areas. The Reference Drawings show these portal areas have not been constructed in the same fashion as the rest of the plenum.	The allowable floor loading described in Book 2, Section 19.8.1, also applies to the East and West Portal transitional areas. Language in the RFP has been revised.	June 16, 2014
96	Book 2	Section 19	Section 19.10 - A requirement has been added to inspect, clean, and apply concrete coating to the existing water tank. Do you have specifications detailing the "concrete coating" that you request?	The concrete coating shall be a flexible concrete waterproofing material with surface preparation, priming, and application per the material spec. Material(s) used shall be suitable for drinking water applications. The language in the RFP has been revised.	June 16, 2014
97	Book 2	Section 16	Section 16.2.1 - Under what circumstances would it be possible to close one tunnel entirely? How long? And if allowed, for what duration?	Complete tunnel closures may only occur for a maximum of 20 minutes in any one hour during the working times for single lane closures, as described in Book 2, Section 16.2.1, subject to CDOT Approval. The language in the RFP has been revised.	June 16, 2014
98	Book 1	Section 8	Section 8.3 - Is the 5 year maintenance and operation period required to be covered by project bonds? If required, will it be acceptable to have a separate warranty bond for that period of time? Can the separate warranty bond be at 5-10% of the Contract value?	Yes, and a separate payment bond is required in the amount of 10% of the Contract value. The language in the RFP has been revised.	June 16, 2014

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99	Book 1	Section 11	Section 11.6.1 - This section states the Application for Final Payment shall be submitted after the Affidavit of Final Completion is signed. Please confirm final payment and retention for the construction of the project will be released prior to the completion of the Short-Term Operations Period.	CDOT confirms that Final Payment and retention for the construction of the project, except for any payment for the Short-Term Operations Period, will be released prior to the completion of the Short-Term Operations Period, provided that the secondary Payment Bond has been established by the Contractor in accordance with Addendum 2, Book 1, Section 8.3.	June 16, 2014
100	ITP	Form J	How will the selected Contactor be paid during the 5-year Short-Term Operation period; will progress payment be allowed?	CDOT will allow for progress payments, to be disbursed based upon Contractor's Accepted WBS and Approved Schedule. In no case shall any individual annualized progress payment exceed 1/5th of the total FFSS Short-Term Operations Period cost identified in Form J.	June 16, 2014
101	Book 2	Section 19	Section 19.11 - The last sentence of the last paragraph states: "Fire Detection accuracy shall be sufficient to identify a fire location to within 25 percent of the FFSS section length." Can CDOT please clarify the meaning of this statement?	The accuracy of the LHD shall be at least 0.25 times the length of the FFSS section length. Based on the section length selected by the bidder, the LHD must be able to detect a fire and report its position accurate to 0.25 x that section length. For example, if the FFSS section length is 100', the LHD must be able to resolve the fire location to within +/- 25'. In this example, if the true location of the fire causing the alarm is at sta. 1189+45, the LHD must return an alarm location with a position between station 1189+20 and 1189+70.	June 16, 2014
102	Book 2	Section 19	Section 19.11.2.1 - The last sentence of the first paragraph states: "The CCTV subsystem shall provide continuous overlapping coverage of the entire EJMT with the ability to detect fire conditions." Can CDOT please clarify the intent/meaning of "detect fire conditions"; i.e. is the intent for the camera to observe or detect a fire condition?	The intent is for the cameras to observe fire conditions.	June 16, 2014

Questions and Answers

Question #	Document	Section	Question/Comment from Proposer	CDOT Response	Response Date
103	Book 2	Section 19	Section 19.11.2.2 - The second sentence of the first paragraph states: "...allowable ambient temperature range of -50°C to 55°C." Would a camera unit with a heater that is listed to -45°C to 50°C (-50°F to 122°F) be acceptable? If not, please provide a camera specification capable of meeting the specified temperature requirements.	No. Camera units are available meeting the specified temperature requirements.	June 16, 2014
104	Book 2	Section 19	Section 19.11.2.2 - The first sentence of the last paragraph states: "...bandwidth to support transmission of full-motion video from all CCTV cameras installed in the EJMT." Can this sentence be modified to mean only those CCTV Cameras furnished in the scope of this RFP?	Unless specifically stated otherwise, the CCTV cameras identified in this Section, shall mean the CCTV cameras furnished and installed as part of the Contract.	June 16, 2014
105	ITP	Form S	The ITP does not state a requirement for the inclusion of the OCIP forms, are the OCIP forms required with the response to the RFP?	Yes, the OCIP forms are required to be submitted with the Proposal. The language in the RFP has been revised.	June 16, 2014
106	Book 2	Section 19	Section 19.10.1 - Paragraph 5 Bullet 4, please clarify where the road-level connection to the water supply tank shall be located; i.e. at the tank (paved access road leading to it) or at the tunnel entrance building?	Connection point shall be at the West Ventilation Building.	June 16, 2014
107	Book 2	Section 19	Section 19.10.1 - Paragraph 5 Bullet 6 states "flow and level sensors - are required to monitor, control..." Does CDOT currently have these sensors in the existing tank, and if so, please confirm they are operational, currently wired into the existing SCADA system and outputs available for integration with the new system. Also, will new instruments be required if the existing tank is used?	No, CDOT does not have existing sensors. Yes, new instruments will be required.	June 16, 2014

Questions and Answers

Question #	Document	Section	Question/Comment from Proposer	CDOT Response	Response Date
108	Book 2	Section 19	<p>Section 19.8.5 - Paragraph 5 states two 1600 AMP/480 Volt Breakers (one at each end of the project) are available in the normal switchgear for FFSS. Will CDOT, as the AHJ, approve using this breaker to power the fire pump provided the following:</p> <ul style="list-style-type: none"> • Switchgear power is reliable. • 1600 AMP breaker meets the Locked Rotor Current protection of the engineered fire pump. • Fire pump controller equipped with ground fault alarm. • Fire pump alternate power is emergency generator. <p>Or will the AHJ require that the fire pump be powered ahead of the main circuit breaker per NEC Articles 695.3(A)(1) and 695.4(B)(1)?</p>	The AHJ will not require that the fire pump be powered ahead of the main circuit breaker per NEC Articles 695.3(A)(1) and 695.4(B)(1).	June 16, 2014