

Questions and Answers  
for  
CO PRA MEVE 10(9)  
Main Entrance Road

May 1, 2009

Question 1 - Since the [sign] post have to be painted do they also have to be treated wood? What color brown should we use?

Answer 1 - Per FP-03: Signposts per ~~713.08(a)~~ 718.08(a): "Treat the posts with water-borne preservative ACA, ACZA, or CCA according to AWWPA Standards C14 except the minimum preservative retention is 0.40 pounds per cubic foot."

Per 633.02 of the Special Contract Requirements: "Kelly Moore, Dark Oxford, #1245-417 or equivalent conforming to Section 708 of the FP-03"

Question 2 - I am not seeing the remove and re-install guardrail items on the plans. The bid item is 61708-1000. Is this item incorporated into another item or shown as another item on the plans?

Answer 2 - The locations of guardrail under Pay Item 61708-1000 are the same locations as the guardrail in Pay Item 61701-1950. See Sheet B13 of the plans.

Question 3 - What are the requirements and qualifications for a company residing in Arizona to work on a federal project in the state of Colorado?

Answer 3 - If you are talking about needing a Contractor's License to bid on a Federal project in Colorado, you will have to check with the State, but we will not be checking for a Contractor's license to check for responsibility. There are no Federal requirements to have a State Contractor's license to bid on a Federal project, but each State has different regulations for this. It is the bidder's responsibility to know the regulations in the State that they are bidding.

Question 4 - We are authorized and currently working on two federal projects in the state of Arizona. Do we need any additional licensing or permits to work in work in the state of Colorado?

Answer 4 - Since this is a federal procurement, a license from the state the work is being performed in is not required by the FHWA. However, per Subsection 107.01, it is the contractor's responsibility to comply with all laws, regulations, ordinances, safety codes, orders and decrees.

Question 5 - Is the project tax exempt for permanent materials?

Answer 5 - This project is not tax exempt for permanent materials.

Question 6 - Please refer to Table 304-3 on page E-68. The percentage stated for the No. 4 sieve is exactly 55% which will be very difficult to achieve. Should there be an acceptable range specified (0 to 55%)?

Answer 6 - Bidders should bid the project as currently specified. At this time, it is too late to change the specifications. The Government acknowledges that the No.4 sieve requirement in Table 304-3 is an issue and it will be addressed via a contract modification after award.

Question 7 - Is Mesa Verde NP located within the Ute Mountain Indian Reservation? Are there any TERO (Tribal Employment Rights Office) requirements or fees that are applicable to this project? If so please specify.

Answer 7 - There are no TERO requirements or fees that are applicable to this project.

April 30, 2009

Question 1 - We are having problems finding suppliers to quote the PG 64-34 for the Superpave Hot Asphalt, the asphalt suppliers from Wyoming are not quoting due to the haul distance involved. Will you consider an alternate to this product?

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Answer 1 - A change to the oil type will not be made at this time. Bidders should bid the project as currently detailed in the solicitation. The successful contractor can submit a Value Engineering Change Proposal (VECP) for evaluation after contract award if they wish to use another type of oil.

Question 2 - Please verify my interpretation of the schedule of events. It has been clarified the Cultural Center has to be completed including milling placement which means over half of the job will have to be milled. By the provided anticipated start date and calendar completion date the contractor will have 45 days to mobilize, utility locates, signage, deal with permits, erosion control, clearing, grading, guard rail removal, monument relocation, and milling. This means any milled area will have to be stabilized if called for and receive the first lift of asphalt within 28 days of milling by spec. In order to mill and pave by design the guard rail need to be removed and not replaced until the final lift of asphalt is in place, curbing will have to be removed and replaced prior to paving as well. Given the average temperature for the area at that time of the year it is unlikely the contractor would be able to place the final surface this year and in turn the park will be without guard rail until spring. Is all of this correct?

Answer 2 - Subsection 413.03 requires that foamed asphalt operations begin within 28 days after milling a section of pavement. Subsection 418.10(c) requires the foamed asphalt to be covered with an asphalt overlay within 14 days. This leaves the contractor 42 days to overlay sections of milled pavement. A remove and reset, guardrail, item is provided in the contract to address the concerns with the guardrail. Amendment 002 will address concerns with the Interim Completion Date by extending it to September 30, 2009.

Question 3 - The specifications note stockpiling millings and also make reference to removing all excess material from site. Will the park retain the excess millings or should we plan on removing them?

Answer 3 - Stockpile the excess millings onsite as directed by the CO in consultation with the Park. The Park will retain the excess millings.

Question 4 - Will the existing soldier piles and ground anchors require sandblasting to remove the existing paint prior to repainting or are we only required to clean and remove dirt prior to repainting?

Answer 4 - See Subsection 563.07(b)(2) of the FP-03, U.S. Customary Units for cleaning requirements.

Question 5 - On Sheet C10 as well as all references to painting of soldier piles and ground anchors a special specification is noted as 557A & 557B which is not included in the contract specifications.

Answer 5 - Specials 557A and 557B are Sheets S1 and S2 in the plan set.

Question 6 - For painting of soldier piles and ground anchors, what color and what type of paint is required? Is primer coat required? What method of application and how many applications are required? Will masking of wood lagging be required?

Answer 6 - See Section 563 of the FP-03 U.S. Customary Units for painting and priming requirements.

Question 7 - Will the excavated material behind the existing curb be acceptable for backfilling of the new curb and will compaction of the material be required?

Answer 7 - The excavated material is acceptable for use as backfill and is required to be compacted.

Question 8 - What portion of the existing guardrail is to be reset and what part is to be removed for the new install. Will the reset require complete removal and reinstall or are you just looking to have it adjusted to height and brought up to specs? Plan sheet A11 shows the reset having the block on the back of the post not between the post and rail, is that what you want?

Answer 8 - Pay item 61708-1000 is to re-hang the guardrail during the milling/foaming/paving operations. The guardrail will not be permanently left in this condition (as shown on A11). All the guardrail is being replaced (18,975 LNFT) under pay item 61701-1950. The bid schedule also includes resetting all the guardrail in the manner shown on sheet A11 (19,200 LNFT).

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Question 9 - Given the revised answer to Question 14 [April 29], concerning travel on milled surface. Would it be acceptable to place Aggregate Base Course on the Cultural Access Rd. as an alternate to the Mill Tailings?

Answer 9 - Our intention in using a portion of the millings for the Cultural Center Access Road and future parking area was to reduce the overall cost of the project. If importing aggregate base would be a cheaper alternative, the successful contractor can submit a Value Engineering Change Proposal (VECP) for evaluation following contract award.

Question 10 - Will the guardrail post need to be removed and reinstalled at any time during the reset process? I understand it will be removed under the removal of the guardrail.

Answer 10 - Guardrail posts will not need to be removed or reinstalled at any time during the reset process.

April 28, 2009

Answer 14 revised 4/29/09

Answer 11 revised 4/30/09

Question 1- Is there an available area within the Park to set an Asphalt Plant?

Answer 1 - This is not an available area within the Park to setup an Asphalt Batch Plant.

Question 2 - Is the winter shutdown from mid-October 2009 to mid-May 2010 a mandatory suspension of work?

Answer 2 – A winter shutdown is not considered mandatory provided the restrictions in the contract are adhered to.

Question 3 – Does the Contractor provide a Field Office for the Contracting Officer and Staff?

Answer 3 - The contractor does not provide a field office for the Contracting Officer and staff.

Question 4 – Given the magnitude and the risks involved in the replacement of the soldier piling, does the park have any tried and true methods to apply to this operation?

Answer 4 - The existing steel soldier piling is not being replaced. The scope of work with respect to the soldier pile walls consists of replacing isolated damaged lagging and painting the existing steel soldier piles and anchors. See Sheets S1 and S2.

Question 5 - What is the application rate per acre for the Biosol 6-1-3 (Section 713.03)

Answer 5 - As stated on Sheet B17, the application rate is 1780 pounds per acre.

Question 6 - Is there a listing of acres for Item Nos 1-6 and Item Nos 7-8. Section 713.04 discusses the seed mix the contractor will supply, but I don't see any quantity?

Answer 6 - The total acreage for seeding is found under item no. 62510-2000, which is 15 acres. They will have to use the formula on page E-138 to determine the pounds of bulk seed.

Question 7 - What is the application rate per acre for hydromulch? Section 713.05

Answer 7 - See Subsection 625.07(b) of the Special Contract Requirements for the seeding process and application rates of the hydromulch.

Question 8 - Is there a trade name for the tackifier? We are having difficulty locating a product that matches this description (Section 713.12)

Answer 8 - Super Tack is a possible trade name for the tackifier.

Question 9 - Can the completion dates be tied to an assumed start date to allow for contract time adjustments should there be delays getting started?

Answer 9 -NTP will be issued no later than 70 days after bid opening and all work must be completed by the dates as specified in subsection 108.01 of the SCR's

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Question 10 - Will blasting be allowed for underdrain installation?

Answer 10 - Blasting is not anticipated to complete the underdrain installation.

Question 11 - Will placement of millings be required on the cultural center road prior to 8/14/09 to comply with the calendar completion date?

Answer 11 - Placement of millings on the Cultural Center Access Road is required to comply with the Interim Completion Date of ~~August 28, 2009~~ *September 30, 2009*. See Subsection 108.04.

Question 12 - Please clarify the Scope for bid item 20304-1000

Answer 12 - Bid Item 20304-1000 is intended to cover the removal of other structures and obstructions not paid for separately under Section 203. See the Special Contract Requirements.

Question 13 - Will cleaning and priming be required for bid item 56302-2000?

Answer 13 - Cleaning and priming of the existing surfaces is required. See Section 563 of the FP-03, U.S. Customary Units

Question 14 - Please clarify the schedule and sequence requirements of the project. Section 108.04 indicates that the Cultural Center Access road, including millings placement, must occur prior to August 28, 2009. As a result of this requirement the majority of mainline milling operations will occur within the first three months of construction. Can traffic travel over a milled pavement surface until the Spring of 2010, or is it anticipated that the foamed asphalt stabilized base and a minimum of one lift of Superpave HBP be completed prior to the 2009 winter shutdown?

Answer 14 - Traffic can travel over the milled surface *with one lift of sacrificial pavement at the Contractor's expense*, or the foamed asphalt stabilized base course with one lift of superpave HBP for a winter shutdown. See Subsection 108.01 near the top of Page E-22.

April 24, 2009

Question 1 - Which grade of PG binder would be an acceptable substitution for the AC 10 Specified under pay item 41804-1000?

Answer 1 - PG 58-22 would be an acceptable substitute for AC-10.

April 22, 2009

Question 1 - Option Z: Is the "4-inch Roadway Aggregate", shown on Sheet D3, incidental to the "8-inch Concrete Paving" item, or will it be measured and paid for separately?

Answer 1 - The roadway aggregate will be measured and paid for separately under item no. 30802-2000, Roadway aggregate, Method 2.

Question 2 - Sheet T14: On the "Concrete Gutter Detail", is the call-out for "#13 bars @ 18 inch centers" a misprint? Should it be "#3 bars" instead?

Answer 2 - Yes - #3 bars, not #13 bars. An amendment will be issued to reflect this change.

Question 3 - Item 60403-000: Are elevations for either the existing or proposed inlet invert and grate elevations available? Or a profile of each structure location?

Answer 3 - No survey was obtained for these structures during the design phase, so no elevations are available. Intention is to replace inlets in kind at existing elevations.

Question 4 - Item 60501-000, Standard Underdrain System: Is any rock trenching anticipated to complete this item's work? If so, is it incidental to this bid item, or will it be treated as a change in conditions?

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Answer 4 - Rock trenching is not anticipated to complete the work under this item.

April 15, 2009

Question 1 - What is your definition of template control? What staking is required for template control? At what interval? What is the required horizontal and vertical tolerance? I have downloaded the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects and do not find reference to template control. If you can point me at the right document I will be happy to pull the answers to these questions for myself.

Answer 1 - The Standard Specifications don't have this information. It is project specific and, therefore, included in the Special Contract Requirements. Specifically, refer to Subsection 152.03 of the Special Contract Requirements, part (m) entitled "Template Control." The SCRs are section E of the Invitation for Bid.

Question 2 - My questions are regarding the soldier pile wall mentioned on page B-17. First, does the wall involves the drilled tiebacks or not. Second, would the engineer be open to an alternative shoring system other than a soldier pile wall.

Answer 2 - (1) There are no new drilled tiebacks on the walls. We are simply making small repairs to one wall and painting the soldier piles on several others. See Sheets S1 and S2. (2) These are not temporary shoring walls.

April 6, 2009

Question 1 - Is there going to be a job showing on this?

Answer 1 - There is no formal showing for this project. The site can be visited at any time.