

Questions and Answers during Advertisement for CO PRA/NPS MEVE PRES 1(12)

January 23, 2012

Question 1 – Do the bid quantities for Pavement Markings (787,000 LF) include the (2) applications (so there are 1,574,000 Actual feet) or not? Are the actual quantities (787,000 LF)?

Answer 1 – The solicitation was amended (A003, dated January 23, 2012): Section 634.13 (page E-67) delete the second paragraph and add the following “When two coats of paint are required, measure the first coat only.” The 787,000 LF is for the first coat only.

Question 2 – Is the (7,500) LF of Type H thermoplastic? Can it be done with a handliner?

Answer 2 – Yes, the quantity is for Type H thermoplastic - see Subsection 634.01 in the FP-03. A handliner can be used, as long as it conforms to Subsection 634.08.

Question 3 – Are all footages in 4” equivalent?

Answer 3 – See Subsection 634.13 of the amended SCRs (A003, dated January 23, 2012) and the FP-03 for measurement.

January 19, 2012

Question 1 – Is there any type of load restrictions in the park?

Answer 1 – Load restrictions on the main road are legal limits that apply to state hauling regulations.

Question 2 – Would the maintenance area on Morefield Whites Mesa Truck Rd, south west of tunnel entrance, be an option for a staging area?

Answer 2 – Yes, the Maintenance Area (Route 945) mentioned in Subsection 105.04 (page E-6) as a possible staging area is the Morefield Maintenance Area.

Question 3 – Can we get a little better definition or a detail of what “minor hot asphalt concrete” entails? I don’t find a detail on it and nothing is marked on site. Is it for the cracks greater than 1”? Or skim courses?

Answer 3 – Yes, the 404 item is for the 428 Type 3 patch. See Subsections 428.08 and 428.09 of the SCRs.

Question 4 – If it is for the cracks greater than 1” or skim courses, then are the compaction and equipment requirements in Section 404 waived?

Answer 4 –No requirements will be waived, but we understand the limitations.

Question 5 – Will a mobile/field lab be required as per Section **154.03, b**, considering there is a small amount of testing required for this project?

Answer 5 – No.

Question 6 – Considering there is a small amount of testing required for this project, will a separate tester from the Quality Control Supervisor be required to perform testing as per **153.02, d, 1** “The QCS may not perform primary testing and inspection except when approved in writing by the CO for infrequent and limited activities and as long as all of the work on the project is well-managed, in control, and is receiving the level of testing and inspection required by the contract.”?

Answer 6 – Subsection 153.02(d)(1) will not be changed. If requested in writing, the CO may allow some functions to be combined.

Question 7 – RTE 10 Chapin Mesa Road States NPS will Crack Seal. When will this work be completed ?

Answer 7 – The Park will complete crack seal work in the Spring of 2012, and it is not anticipated to impact this project.

Question 8 – NHI and the ISSA state that Chip Seal Work should not be done until having three months of curing time prior to Chip Seal Work. The contract does not have enough time to properly cure crack seal.

Answer 8 – Please bid the work as stated in the Invitation for Bid documents.

Question 9 – RTE 907 Parking at MP 1.98 Road States NPS will Crack Seal. When will this work be completed ?

Answer 9 – The Park will complete crack seal work in the Spring of 2012, and it is not anticipated to impact this project.

Question 10 – Morefield Campground has approximately 30,000 sqyds of Cape Seal. To offer the owner the best pricing the contractor need to be assured a minimum of 15,000 sqyds per day. Will the NPS allow a closure during the summer season to close half of the campground at a time?

Answer 10 – No, one loop at a time may be closed as work progresses.

Question 11 – Traffic Control Specification mentions Closures, What routes will be allowed to close for performing work?

Answer 11 – No routes can be closed.

Question 12 – Will the NPS reconsider this very limited closure period?

Answer 12 – No.

Question 13 – If the contractor has multiple locations, will the 15 minute period delay (Section 156.06) be per location or operation or will it be based on zones?

Answer 13 – The 15 minute period traffic delay is per location. See Subsection 156.03 of the SCRs.

Question 14 – Bid Item 63506-0600 TEMPORARY TRAFFIC CONTROL, PILOT CAR lists a total of 400 hours. Based on the 24 hour pilot car requirement, it appears FHWA only has 16.5 days built into the schedule for Chip Seal. This is impossible based on the limited closure window allowed. Please Clarify if the hours are correct?

Answer 14 – Hours are correct.

Question 15 – What is the seasonable adjusted daily traffic anticipated for the periods of the contract? What are the highest traffic areas and what are the peak times?

Answer 15 –The AADT is 2726.

Question 16 – Are there any other construction contracts anticipated in the park that would affect traffic or the ability to execute the work for the contractor?

Answer 16 – Other work is not anticipated to impact this project.

Question 17 –Sweeping Specifications States-“ Complete vacuum sweeping of the aggregate surface no later than the morning after construction. Do not displace embedded material. Do not vacuum sweep the surface when the air temperature is above 90°F” This Specification is not practical CRSP 2 has a longer curing time than other oils. It is possible that the mat will be damaged if swept this soon. In addition the Industry Standard is to make 3 passes and then sweep again after four days. Will FHWA reconsider this specification? What is the definition of Complete? Will any material be allowed left on the shoulder or will the contractor be required to remove “all” chips left on the shoulder?

Answer 17 – Please bid the work as stated in the Invitation for Bid documents. Refer to Section 106 of the SCRs for acceptance of work.

Question 18 – There appears to be many Switchback Corners and Super-elevations driving to the Mesas on this contract. Chip Sealing is not recommended in this application as it is too hard to control the vehicle’s tracking on the same wheel path as well as braking and turning and the control of Speed. Who will be responsible for the inevitable flushing and bleeding that will occur? Some of the known techniques to remedy this is to use a larger aggregate gradation and then place a chock stone or to use a heated aggregate with an AC emulsion? If so will FHWA pay for the additional cost?

Answer 18 – The Contractor sets the application rates and performs construction placement. FHWA will not pay for additional costs.

Question 19 – Table Table 409-1 Approximate Quantities of Material for Single-Course Surface Treatment list the amount of Aggregate required as 24 to 28 lbs per square yard. Would other application rates be acceptable? Will the inspectors provided by FHWA work with the Quality Control provided by the contractor to determine compliance of the contract based on performance of material as the table provided states *Approximate*?

Answer 19 – Per Subsections 409.08, 409.09, and 409.10 of the SCRs, the Contractor must perform test strips to verify application rates. Yes, compliance of the contract will be based on the performance of the material.

Question 20 – We and our subcontractors have visited the site and have concerns that the Wetherill Mesa and Morefield Campgrounds are behind locked gates which did not allow us to review the accessibility of the tram route and campground loops. They appear to be approximately 11’ wide and as the tram route appears steep and has sharp turns we are concerned about alternate methods that may be required if our standard equipment cannot be utilized.

Answer 20 – The tram route is about 11-feet wide and should accommodate standard equipment.

Question 21 –Is there an area available for stockpiling chips of at least 150’x150’?

Answer 21 – See Subsection 105.04 of the SCRs for possible stockpile locations.

Question 22 – In the surfacing summary it mentions protecting the rumble strips at the center line, will these need to be covered, will the chip seal extend to the edges of the rumble strip or can they be chipped sealed over as has been done on other previously chipped sealed areas of the roadway.

Answer 22 – The rumble strips should be chipped over as the previous road was chipped.

Question 23 – It appears that the section of Route #10 (Chapin Mesa Road) Mile 0.00 to 10.00 is the section from the Park Entrance on the recently paved section up to where the existing chip seal section starts. If this is correct will the tunnel be chip sealed?

Answer 23 – Yes, the tunnel will be chip sealed.

Question 24 – Can conveyor brooms be utilized in lieu of vacuum brooms as the conveyor broom can pick up loose chips and convey them onto a truck with the dust controlled by watering the roadway prior to sweeping.

Answer 24 – Yes, as long as the road is not damaged in this effort. Maintaining good dust control is very important.

Question 25 – Will the chips that are swept from the roadway need to be disposed of outside of the Park or can the excess chips on sections of the roadway without paved slopes, ditches or curbs be swept off and left on the gravel shoulders?

Answer 25 –The Park has requested the spoils from patching and excess chips be stockpiled at the Moorefield Maintenance Area. The solicitation was amended (**A001**, dated January 17, 2012) to reflect this change.

Question 26 – With only a completion date identified, can there be minimum Notice to Proceed date included or a number of days provided in the solicitation/contract.

Answer 26 – The solicitation was amended (A002, dated January 19, 2012): Section 108.01 (page E-18) add the following “On-site work will not begin before May 1, 2012.”

Question 27 – What is the procedure for weather delays should they impede the ability to complete work by the 8/31/12 deadline?

Answer 27 – The Contractor is responsible to provide written notice when delays happen due to weather. See Subsection 108.03 of the FP-03.

Question 28 – A-I states Electronic Bids will not be accepted and B-13, 52.215-5 (b) states offerors may submit facsimile proposals. Are facsimile submissions considered electronic?

Answer 28 – No facsimile proposals will be accepted. The solicitation was amended (A001, dated January 17, 2012) to reflect this by deleting provision 52.215-5 (on page B-13 and B-14).

Question 29 – Is there a water use fee at Mesa Verde?

Answer 29 – No.

Question 30 – In the specs it states that there will need to be a Quality Control Supervisor, an Inspector, Testers, and an Office Technical Service. If one person qualifies for multiple positions can they be appointed to all of them or is it only one person per role (Pages E-25, E-26, E-65)?

Answer 30 – If requested in writing, the CO may allow some functions to be combined.

Question 31 – As noted there needs to be field laboratory testing done please clarify if this can be negated at an off-site certified laboratory (Page E-38)?

Answer 31 – Yes.

Question 32 – The Cliff Palace and the Balcony House parking areas are to be done at the hours of 5pm-7am, does this include the roadway and the parking areas or just the parking area (Page E-17)?

Answer 32 – Both roadway and parking areas.

Question 33 – Regarding the Surveying Services, is this only related to pavement striping (Page E-64)?

Answer 33 – Survey services are generally not required.

Question 34 – Will inlet protection for gutter pans be required?

Answer 34 – Yes.

Question 35 – Will Best Method of Protection (BMPs) be required at stockpiles?

Answer 35 – See Section 157 and 107 of the SCRs and the FP-03.

Question 36 – How close to the guardrail does the chip seal need to be?

Answer 36 – Chip seal needs to go up to the guardrail without damaging the rail. The area underneath the guardrail will still need to be protected by a fog seal.

Question 37 – Is there any asphalt or sealant treatment work required on the raised asphalt sidewalks in the pullouts, overlook areas?

Answer 37 – No.

Question 38 – Can the FHWA provide blow-ups of the various work areas (parking lots) that are not currently able to be differentiated on sheets C-2, C-3, C-4 & C-5?

Answer 38 – The solicitation was amended (A002, dated January 19, 2012) to include “The Road Inventory Report for Mesa Verde National Park”, which is now available for download as a supplemental document with more detailed work area maps.

Question 39 – Plans don’t identify a need to protect the rumble strips during chip seal construction, how should the rumble strips be protected during microsurfacing/cape sealing as stated in section 410.05? Is there Rumble Strip on the Wetherill Mesa roadway section (we couldn’t drive this since it was closed)?

Answer 39 – No cape seal will be necessary on areas of rumble strip except at intersections. There is no rumble strip on Wetherill Mesa Road.

Question 40 – Is the only location that requires reflector removal and replacement in the Tunnel on route 0010?

Answer 40 – Yes.

Question 41 – In several of the parking areas the existing pavement sections may be damaged by the resurfacing equipment, what provisions will be made for damage to these areas while re-surfacing?

Answer 41 – It is the responsibility of the Contractor to repair damaged areas. See Subsection 106.01 in the SCRs.

Question 42 – Is the pay item for fog seal diluted or undiluted?

Answer 42 – See Subsection 409.11 and 409.15 in the SCRs.

Question 43 – Rte 947 on the Roadway Summary sheet states in the remarks column to “add drainage” can this be defined (plan sheet B5)?

Answer 43 – It should read “Protect drainage”.

Question 44 – Rte 209 is shown for a work area on the map but no work is defined on the Roadway Summary sheet?

Answer 44 – Rte 209 Headquarters Loop Road should be crossed out and no work required.

Question 45 – Rte 932C is on the Roadway Summary sheet but not shown on the map.?

Answer 45 – Rte 932C is included and should have been shown on the map. This site is located adjacent to Rte 932 A&B.

Question 46 – Rte 406 is on the Roadway Summary Sheet but is “redlined” on the map, is this area included?

Answer 46 –Yes, Rte 406 is included as indicated on the Roadway Summary Sheet.

Question 47 – This project calls for type H pavement markings, I know what types B & C are but can you help with type H.?

Answer 47 – See Section 634 in the FP-03 for Type H Thermoplastic markings with type 1 glass beads.

January 11, 2012

Question 1 – Section 428 – Flexible pavement restoration, sub-section 428.02 references Biaxial Geogrid (714.03), this is not part of Standard Specifications for Construction of Roads and Bridges, on Federal Highway Projects (FP-03) U.S. Customary Version or its supplements and was not included in the special contract requirements. Please provide specification.

Answer 1 – Subsection 714.03 was not needed because the item 42801 Flexible Pavement, Full Depth Patch *Type 2 does not require the use of Biaxial Geogrid*. Only the Flexible Pavement, Full Depth Patch *Type 1* requires a Geogrid and this project has no Type 1 patch included.

January 4, 2012

Question 1 – Can a site visit be scheduled to view the project?

Answer 1 – No formal site visit has been scheduled for this project. Most of the project area is open for public viewing, but some sites may be under snow. Wetherill Mesa Road and the one-way loops at the end of Wetherill are closed until May. Individual site visits can be arranged through the Mesa Verde National Park Facility Manager, Frank Cope, at 970-529-4607.

Question 2 – There are problems downloading the plans from the link on the CFLHD website.

Answer 2 – Try the following link to access the plans:

[http://www.cflhd.gov/contracting/construction/documents/advertised-projects/CO_MEVE_1\(12\)_PavPres/CO%20MEVE%20Pav%20Pres%201\(12\)%20PLANS%20\(reduced%20size\).pdf](http://www.cflhd.gov/contracting/construction/documents/advertised-projects/CO_MEVE_1(12)_PavPres/CO%20MEVE%20Pav%20Pres%201(12)%20PLANS%20(reduced%20size).pdf)

December 21, 2011

Question 1 - The bidder's qualifications document (B-3) is to be submitted; however this is a FFP contract as a result of low price. So how are the qualifications to be evaluated and used to determine who is awarded the contract?

Answer 1 – This contract will be awarded to the low bidder who is determined to be responsive and responsible. Qualifications **will not** be used to determine the low bidder, but information from pages B-3 to B-6 will be used to determine responsibility of the low bidder in accordance with FAR Part 9. The FAR can be viewed/downloaded at <https://www.acquisition.gov/far/>.

Question 2 - Is B-4, 5, and 6 only applicable to joint ventures or do you need resumes and B-5 & 6 for all bidders? Also, will major sub-contractors experience be acceptable for past performance as well?

Answer 2 – B-4 to B-6 are applicable to all bidders. Sub-contractors experience should not be submitted and will not be considered if submitted.