

Questions and Answers during Advertisement of
ND PRA THRO 10(3), North Unit Scenic Drive

May 5, 2009

Question 1 - Bid Item # 63503-0400 – Temporary Traffic Control, Concrete Barrier. Standard Drawing 635-13 shows the layout when using concrete barriers, can we use standard 635-6 and use channeling devices and flaggers rather than concrete barriers?

Answer 1 - Please refer to Subsection 107.06 Contractor's Responsibility for Work, Subsection 109.05 Scope of Payment, Section 156 Public Traffic, and Section 635 Temporary Traffic Control in the Standard Specifications for Construction of Roads and Bridges on Federal projects, FP-03, U.S. customary Units (FP-03).

Question 2 - On the summary sheets you show three areas where the sub-excavation and special borrow goes and the rest of the quantity per directions of CO. Any idea of just how much of the total quantity is going to be used?

Answer 2 - Please see Subsection 103.01 Intent of Contract in the FP-03. Please see FAR Clause 52.211-18 Variation in Estimated Quantity, (APR 1984) on page C-4 and FAR Clause 52.236-3 Site Investigation and Conditions Affecting the Work (APR 1984) on page C-13 in the Invitation for Bid (IFB). FAR Clauses can be assessed on the internet at <http://www.arnet.gov/far/>. We anticipate using all of the Subexcavation quantity. Most of this work will occur between Station 293+00 and 430+00.

Question 3 - The areas where the 1500 tons of Hot Asphalt Concrete Pavement to be used beyond station 293+00 more than likely will need to have asphalt removal, sub-cut and base work performed, will that work be paid under asphalt removal, sub-excavation and special borrow items? I am assuming 6" sub-cut and base and 6" hot asphalt concrete patch. Any idea as to the average size of these repair areas. And what is the difference between this item on Schedule A and item #42801-0100, Flexible Pavement, Full Depth Patch, Type 1 on Schedule X?

Answer 3 - Item 40301-0000 is intended to be used specifically in conjunction with the subexcavation item. All of the removal work is included as part of item 20402-0000 Subexcavation. The backfill and paving in subexcavation areas is paid for separately. The item 42801-0100 is included to repair small areas of soft/weak subgrade that may have developed since initial design phase of this project. This item will only be used if the Option X is awarded. The item should be used if repairs are needed between stations 430+00 and 742+40, as directed by the CO. Please see FAR Clause 52.236-3 Site Investigation and Conditions Affecting the Work (APR 1984) on page C-13 in the IFB. Please see Subsection 109.05 Scope of Payment in the FP-03.

Question 4 - Will all of the aggregate material for special borrow and roadway aggregate be required to be pugged?

Answer 4 - Please see Subsection 308.04 Placing Crushed Aggregate in the Special Contract Requirements (SCR) section of the IFB. Please see Subsection 04.07 Select Borrow in the FP-03.

Question 5 - Are there any other material specifications for the roadway aggregate #30802-2000 than what I can find on pages 212 and 602 of the FP-03 manual?

Answer 5 - No.

Question 6 - Any Specifications for Item # 6220-1000, Materials Transfer Vehicle?

Answer 6 - Please see Subsection 401.13 in the SCR section of the IFB.

May 4, 2009

Question 1 - 15210-3000 Centerline, Verification and staking

Does this bid item include the surveying for existing cross sections, cross section reports, staking for clearing & grubbing, slope stakes, and grade finishing stakes as outlined in Section 152

Answer 1 - 15210-3000 Covers all staking required to establish a centerline reference and all cross slope/superelevation data. The only locations that will require slope stakes, cross sections, and

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reports etc. are the new Buckhorn Parking Area and the Boneyard approach widening at Station 153+00. Surveying, cross sectioning, and staking for the Placement of Gabions will be required and evaluated under according to Section 152 but is considered subsidiary to item 25302-1000

Question 2 - 15214-3000 Survey and Staking, Parking Area
This includes 5 parking areas. Correct?

Answer 2 - Yes 15214-3000 includes 4 existing parking areas and 1 new parking area (Buckhorn)
See the D1-D5.

Question 3 - 62302-1100 Special labor, Hired Survey Services

What work would be considered under this bid item that wouldn't be included in the other survey bid items?

Answer 3 - 62302-1100 Covers additional survey that may be requested by the CO that is not included in the 152 Items.

Question 4 - Option X 15210-3000 Centerline, Verification and staking.

It appears that the bid item for this portion of the project will include staking the centerline of the road and parking areas for location of pavement marking and staking location of signs after the chip seal is placed. Is this correct? Will there be any additional staking required for Option?

Answer 4 - The contractor will need to stake the limits of Subexcavation areas in coordination with the CO.

April 24, 2009

Question 1 - Item #61710-0000 "Raising Guardrail" - Is it the intent to reuse all existing guardrail materials (w-beam, posts, blocks, hardware) at the "Raising Guardrail" locations?

Answer 1 - The intent of raising the guardrail is to raise the posts and use the alternate hole arrangement detail.

Question 2 - Item #61710-0000 "Raising Guardrail" - Is it the intent to leave the posts in place and raise the w-beam by constructing (drilling) the "alternate hole arrangement" in the existing posts per the detail on standard 617-10? Or is it desired to lift the existing post in place and have the cross section with the block/post level on top as shown in the "typical guardrail cross section" on standard 617-10? (sheet T-11)

Answer 2 - The Alternate drill hole arrangement is for future raising. See Section 617.08 Raising Guardrail in the FP-03.

Question 3 - Item #61702-0600 "Terminal Section, Type Flared" – Is it the intent that this item is the 25'-0" test level 2 "FLEAT" utilizing wood posts as shown on standard drawing 617-19? (sheet T16)

Answer 3 - Yes. The 25' length is appropriate for speeds < 45 MPH.

Question 4 - Item #61702-0300 "Terminal Section, Type G4-BAT" – Is the overall length for the pay limits known. Should this item utilize wood posts as shown on standard 617-17? Are posts A, B, 1 and 2 as shown on standard 617-17 page 2 fabricated from W6X9# steel wide flange beam? (sheets T14 and T15)

Answer 4 - Yes, the W6x9 wide flange is correct. See Section 710.09 of the FP-03.

Question 5 - I was reviewing the plans for this project (DTFH68-09-B-00017), and I am not able to find the profiles for the culvert replacements other than Sta, 99+26- I believe sheet Z-1. Could you direct me to the cross profile sheets indicating the depths of the remaining culverts?

Answer 5 - FHWA does not have cross-sections (profile sheets) for the remaining culverts.

Please refer to FAR Clause 52.236-27 Site Visit (Construction). (FEB 1995) on page B-13 of the Invitation for Bid (IFB). Please also refer to Subsection 152.03 (g) Culverts of the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-03, U.S. Customary Units and to (g) Culverts starting on page E-23 of the IFB.

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April 21, 2009

Question 1 – Request changing the asphalt paving specification to ND DOT specifications.

Answer 1 – FHWA does not contemplate changing the specifications at this time. FHWA advises contractors to bid the project as is. Upon award, however, the prime contractor can suggest a Value Engineering Change Proposal and the recommendation can be evaluated.