# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

| 1. CONTRACT ID CODE | PAGE | OF | PAGES |
|---|---|---|---|
| | 1 | | 13 |

| 2. AMENDMENT/MODIFICAITON NO. | 3. EFFECTIVE DATE | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicble) |
|---|---|---|---|
| 001 | 09/16/08 | | PRA-CUVA 18(1), 164(1) |

6. ISSUED BY CODE

Eastern Federal Lands Highway Division
21400 Ridgetop Circle
Sterling, VA 20166

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

CODE FACILITY CODE

(X) ✘

9A. AMENDMENT OF SOLICIATION NO.
DTFH71-08-B-00039

9B. DATED (SEE ITEM 11)
09/04/08

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 11)

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a)By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPIRATION DATA (If required)

## 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

| CHECK ONE | |
|---|---|
| | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this Amendment is to:

1) Replace the Bid Schedule Instructions and B-pages of the Solicitation Provisions to add pay items related to temporary traffic control and railroad flagger.

2) Revise the Plans to replace tabulation of quantities and summaries sheets to add temporary traffic control and railroad flagger item.

3) Provide Pre-Bid and Site Visit Meeting Minutes and summary of responses to questions/clarifications asked by the potential bidders.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | |
|---|---|---|---|
| 15B. CONTRACTOR/OFFEROR<br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>(Signature of Contracting Officer) | 16C. DATE SIGNED |

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

**Amendment 001**
**Cuyahoga Valley National Park**
**Project PRA-CUVA 18(1), 164(1) Access Road**
**DTFH71-08-B-00039**

The purpose of this Amendment is to:

1) Replace the Bid Schedule Instructions and B-pages of the Solicitation Provisions to add pay items related to temporary traffic control and railroad flagger.
2) Revise the Plans to replace tabulation of quantities and summaries sheets to add temporary traffic control and railroad flagger item.
3) Provide Pre-Bid and Site Visit Meeting Minutes and summary of responses to questions/clarifications asked by the potential bidders.

**Solicitation Provision changes**

*1. Delete Solicitation Bid Schedule Instructions, pages 1 and 2, and Bid Schedule pages B-1 to B-3 and substitute revised Bid Schedule Instructions, pages 1 and 2, and Bid Schedule pages B-1 to B-4.*

**Plan Sheet changes**

*1.* Delete Plan Sheets C01 and C02 and substitute revised Plan Sheets C01 and C02

# BID SCHEDULE INSTRUCTIONS

**PROJECT:** PRA-CUVA 18(1), 164(1) Acc Rd

**BIDDERS PLEASE NOTE:** Before preparing the bid, carefully read the Instructions to Bidders. While preparing the bid, comply with the following:

## COMPLETING THE BID SCHEDULE

Complete the Bid Schedule(s) by handwriting in ink or typing. Specify a Unit Bid Price, in figures with cents to only two decimal places, for each pay item in the Unit Bid Price column for which a quantity is given. Do not enter or tender a Unit Bid Price for any pay item for which no estimated quantity appears in the Bid Schedule. Determine the products of the respective unit prices and quantities, and show them, in figures, in the Amount Bid column. If a Unit Bid Price and Amount Bid have been inserted by the Government for a pay item, do not change the Unit Bid Price and Amount Bid for the pay item. Determine the Bid Total by adding the amounts of the several items, and show in the block provided on **Page B-3**. In case of multiplication errors, the Amount Bid for the item will be based on the Unit Bid Price.

To be eligible for award, bidders must submit prices for each pay item.

Review Subsection 109.05 of the FP regarding scope of payment for direct and indirect payment work.

## SCHEDULE OF WORK

The Bid Schedule is comprised of the following:

**Schedule A – Construction of a new access road from the Northeast Ohio Sewer District (NEOSD) Access Road to Fitzwater Road, and the rehabilitation of the NEOSD Access Road within the Cuyahoga Valley National Park. The work includes new roadway aggregate and aggregate surface reconditioning, embankment, installation of concrete barriers, Utility Protection Structure, and other miscellaneous work.**

## BIDDING OF CALENDAR DAYS

Determine the number of calendar days necessary to complete Schedule A work from Notice To Proceed to contract completion. **Specify the number of calendar days (NOT to exceed the maximum number of calendar days shown in Block 11 of the SF-1442)** in the space provided on the **Bid Summary** page. Failure to specify a number of calendar days for contract completion indicates the bidder accepts the maximum contract completion time provided in Block 11 of the SF-1442.

In developing a construction schedule to determine the number of calendar days included in their bid, bidders should include the work limitations shown in the Special Contract Requirements (SCR's). Specific work limitations may be (but are not limited to): holidays, weekends; rush hours; night work; no work periods; work or traffic control phasing. Bidders are advised to consider those work items that are weather sensitive and when those work items will be performed. Specific work items are (but not limited to): those that require a minimum ambient air temperature (asphalt paving and surface treatment, pavement striping, stone masonry); those that require maintaining a minimum surface temperature (concrete pavement, structural concrete, painting); and those that have specific planting seasons (turf establishment, sod, trees and plants). Bidders are also advised to consider time required for preparing material and drawing submittals, and the allowable Government review times for those submittals (Subsection 104.03 of the FP and SCR's). The total calendar days bid should also include any work limitations and any delay days or contractor winter shutdowns required due to weather sensitive work items.

When evaluating the bids, the Government will consider the Contract Administrative Cost for the project to be $500 per calendar day bid. The Contract Administrative Cost is only used to determine the Evaluation Total Price of Project.

Add the **Bid Total** and the **Contract Administrative Cost** for Schedule A as directed on the **Bid Summary** page. Show the **Evaluation Total Price of Project** in the space provided on the **Bid Summary** page.

BASIS FOR AWARD

The contract will be awarded to the responsive, responsible bidder with the lowest **Evaluation Total Price of Project**, which is defined as:

**Bid Total of Schedule A + Contract Administrative Cost of Schedule A.**

**The number of calendar days specified by the successful bidder for the completion of Schedule A work will become the performance period for the contract.**

**NOTE: Contract Administration Cost is used for evaluation and ranking purposes only.**

Bid Schedule

Project: PRA CUVA 18(1) & 164(1) ACC RD
CUYAHOGA MAINTENANCE ACCESS TO FITZWATER MAINTENANCE

| Pay Item No. | Estimated Quantity | Unit Bid Price | Amount Bid |
|---|---|---|---|
| 15101-0000 | MOBILIZATION | | |
| | ALL | Lump Sum | $_____ |
| 15201-0000 | CONSTRUCTION SURVEY AND STAKING | | |
| | ALL | Lump Sum | $_____ |
| 15401-0000 | CONTRACTOR TESTING | | |
| | ALL | Lump Sum | $_____ |
| 15705-0100 | SOIL EROSION CONTROL, SILT FENCE | | |
| | 3,530 | | |
| | LNFT | $_____ | $_____ |
| 20101-0000 | CLEARING AND GRUBBING | | |
| | 1.7 | | |
| | ACRE | $_____ | $_____ |
| 20201-0000 | SELECTIVE CLEARING | | |
| | 0.6 | | |
| | ACRE | $_____ | $_____ |
| 20420-0000 | EMBANKMENT CONSTRUCTION | | |
| | 3,850 | | |
| | CUYD | $_____ | $_____ |
| 20701-1400 | EARTHWORK GEOTEXTILE, TYPE IV-C | | |
| | 400 | | |
| | SQYD | $_____ | $_____ |
| 20703-2000 | GEOGRID, BIAXIAL | | |
| | 100 | | |
| | SQYD | $_____ | $_____ |
| 30301-5000 | AGGREGATE SURFACE RECONDITIONING | | |
| | 8.00 | | |
| | STA | $_____ | $_____ |
| 30802-2000 | ROADWAY AGGREGATE, METHOD 2 | | |
| | 1,300 | | |
| | TON | $_____ | $_____ |

Bid Schedule A

Project: PRA CUVA 18(1) & 164(1) ACC RD
CUYAHOGA MAINTENANCE ACCESS TO FITZWATER MAINTENANCE

| Pay Item No. | Estimated Quantity | Unit Bid Price | Amount Bid |
|---|---|---|---|
| 60201-0600 | 18-INCH PIPE CULVERT | | |
| | 42 LNFT | $_____ | $_____ |
| 60210-0600 | END SECTION FOR 18-INCH PIPE CULVERT | | |
| | 4 EACH | $_____ | $_____ |
| 61801-0000 | CONCRETE BARRIER | | |
| | 1,200 LNFT | $_____ | $_____ |
| 62501-0000 | TURF ESTABLISHMENT | | |
| | 0.9 ACRE | $_____ | $_____ |
| 63301-0000 | SIGN SYSTEM | | |
| | 10 EACH | $_____ | $_____ |
| 63309-0900 | DELINEATOR, TYPE FLEXIBLE | | |
| | 55 EACH | $_____ | $_____ |
| 63501-0000 | TEMPORARY TRAFFIC CONTROL | | |
| | ALL | Lump Sum | $_____ |
| **63506-0500** | **TEMPORARY TRAFFIC CONTROL, FLAGGER** | | |
| | **80 HOUR** | $55.00 | $4,400.00 |
| **63511-0100** | **TEMPORARY TRAFFIC CONTROL, RAILROAD FLAGGER** | | |
| | **1 CTSM** | $7,000.00 | $7,0000.00 |
| 63701-0000 | FIELD OFFICE | | |
| | 1 EACH | $_____ | $_____ |
| 64805-0000 | UTILITY PROTECTION STRUCTURE (CUVA Maint. Road Crossing Sta. 201+15 to Sta. 201+90) | | |
| | ALL | Lump Sum | $_____ |

| Pay Item No. | Estimated Quantity | Unit Bid Price | Amount Bid |
|---|---|---|---|
| 64805-0000 | UTILITY PROTECTION STRUCTURE (CUVA Maint. Road Crossing Sta. 209+80 to Sta. 210+80) | | |
| | ALL | Lump Sum | $_____ |

**TOTAL** $_____

Submitted by: _____
Name of Bidder

**BID SUMMARY**
Project PRA-CUVA 18(1), 164(1) Acc Rd
(Complete for Pages B-1 through B-3)

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**(1) Schedule A Bid Total (from Page B-3)** $_____

**Contract Administrative Cost for Schedule A**

Number of calendar days necessary to complete all Schedule A work from Notice to Proceed (or date specified in the Notice to Proceed) to completion of Schedule A.

**(2) _____ calendar days x $500 per calendar day =** $_____

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**Total Price of Project (for evaluation purposes only)**

(1) Bid Total for Schedule A . . . . . (1) $_____
\+ (2) Contract Administrative Cost for Schedule A . . . . . (2) $_____

= **EVALUATION TOTAL PRICE OF PROJECT** **$**_____

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| Does the Bidder claim the Price Evaluation Preference for HUBZone Small Business Concerns as defined in FAR Clause 52.219-4? | Yes ❑ | No ❑ |
|---|---|---|

| REG | STATE | PROJECT | SHEET NO. |
|---|---|---|---|
| MW | OH | PRA CUVA 18(1) & 164(1) MAINTENANCE ROAD | C01 |

| ITEM NO. | ITEM DESCRIPTION | UNIT | Sheet Number and Description: C02 TABULATION OF QUANTITIES | | | | | ESTIMATED QUANTITIES: PLAN | BID | REMARKS AND/OR DETERMINATION OF ESTIMATED QUANTITY |
|---|---|---|---|---|---|---|---|---|---|---|
| 15101-0000 | MOBILIZATION | LPSM | | | | | | ALL | ALL | |
| 15201-0000 | CONSTRUCTION SURVEY AND STAKING | LPSM | | | | | | ALL | ALL | |
| 15401-0000 | CONTRACTOR TESTING | LPSM | | | | | | ALL | ALL | |
| 15705-0100 | SOIL EROSION CONTROL, SILT FENCE | LNFT | | | | | | | 3,530 | |
| 20101-0000 | CLEARING AND GRUBBING | ACRE | 1.569 | | | | | 1.569 | 1.7 | |
| 20201-0000 | SELECTIVE CLEARING | ACRE | 0.503 | | | | | 0.503 | 0.6 | |
| 20420-0000 | EMBANKMENT CONSTRUCTION | CUYD | 3,681 | | | | | 3,681 | 3,850 | |
| 20701-1400 | EARTHWORK GEOTEXTILE, TYPE IV-C | SQYD | | | | | | | 400 | |
| 20703-2000 | GEOGRID, BIAXIAL | SQYD | | | | | | | 100 | At the Discretion of the CO. |
| 30301-5000 | AGGREGATE SURFACE RECONDITIONING | STA | 7.5 | | | | | 7.5 | 8 | |
| 30802-2000 | ROADWAY AGGREGATE, METHOD 2 | TON | 1,253 | | | | | 1,253 | 1,300 | Based on 138.9 lb/CF |
| 60201-0600 | 18-INCH PIPE CULVERT | LNFT | 40 | | | | | 40 | 42 | |
| 60210-0600 | END SECTION FOR 18-INCH PIPE CULVERT | EACH | 4 | | | | | 4 | 4 | |
| 61801-0000 | CONCRETE BARRIER | LNFT | 1,158 | | | | | 1,158 | 1,200 | Prefabricated Units. See the Special Contract Requirements. |
| 62501-0000 | TURF ESTABLISHMENT | ACRE | 0.814 | | | | | 0.814 | 0.900 | |
| 63301-0000 | SIGN SYSTEM | EACH | 10 | | | | | 10 | 10 | |
| 63309-0900 | DELINEATOR, TYPE FLEXIBLE | EACH | 53 | | | | | 53 | 55 | |
| 63501-0000 | TEMPORARY TRAFFIC CONTROL | LPSM | | | | | | ALL | ALL | |
| 63506-0500 | TEMPORARY TRAFFIC CONTROL, FLAGGER | HOUR | 80 | 1 | | | | 80 | 80 | 1 |
| 63511-0100 | TEMPORARY TRAFFIC CONTROL, RAILROAD FLAGGER | CTSM | 1 | 1 | | | | 1 | 1 | 1 |
| 63701-0000 | FIELD OFFICE | EACH | | | | | | | 1 | |
| 64805-0000 | UTILITY PROTECTION STRUCTURE (CUVA MAINT. ROAD CROSSING STA. 201+15 to STA. 201+90) | LPSM | | | | | | ALL | ALL | |
| 64805-0000 | UTILITY PROTECTION STRUCTURE (CUVA MAINT. ROAD CROSSING STA. 209+80 to STA. 210+80) | LPSM | | | | | | ALL | ALL | |

The following quantities are approximate unless noted as a contract quantity. Payment will be made for the actual quantities of work performed and accepted or for materials furnished according to the contract.

**REVISIONS**

| NO. | Description | By | DATE |
|---|---|---|---|
| 1 | Revised Quantity | MW | 9/15/08 |

**SUMMARY OF QUANTITIES**
**AMENDMENT NO 001**

N:\OH\cuva18(1)164(1)\Roadway\sheets\B-Summ\Temp Access\[sum_shts_FP03

| AMENDMENT NO. 001 | REG | STATE | PROJECT | SHEET NO. |
|---|---|---|---|---|
| | MW | OH | CUVA 18(1) 164(1) MAINTENANCE ROAD | C02 |

## SUMMARY OF SURFACING QUANTITIES

| ITEM NUMBER | 30301-5000 | 30802-2000 |
|---|---|---|
| Location | AGGREGATE SURFACE RECONDITIONING | ROADWAY AGGREGATE, METHOD 2 |
| Unit | STA | TON |
| NEOSD Access Road Sta. 300+55 to Sta. 308+05 | 7.5 | 313 |
| CUVA Maintenance Access Road Sta. 200+05 to Sta. 220+35 | | 940 |
| **Project Totals** | **7.5** | **1,253** |

## CONSTRUCTION SURVEY AND STAKING QUANTITIES

| Item Number | 15201-0000 | | |
|---|---|---|---|
| Location | SLOPE, REFERENCE, AND CLEARING AND GRUBBING STAKES | CENTERLINE VERIFICATION AND STAKING | SURVEY AND STAKING GRADE FINISH STAKES |
| **Unit** | **STA.** | **STA.** | **STA.** |
| Sta. 300+55 to Sta. 308+05 | | 7.5 | |
| CUVA Maintenance Access Road Sta. 200+05 to Sta. 220+35 | 20.3 | 20.3 | 20.3 |
| **Project Totals** | **20.3** | **27.8** | **20.3** |

Note: Survey and staking items are considered subsidiary to pay item 15201-0000, Construction Survey and Staking-LPSM

## SUMMARY OF PERMANENT SIGNS

| Item Number | 63301-0000 | MUTCD Reference | Panel Dimensions | Number of Posts (F.I.O.) |
|---|---|---|---|---|
| Location | SIGN SYSTEM | | | |
| Unit | EACH | | in x in | EACH |
| **NEOSD Access Road** | | | | |
| Sta. 305+75 Rt | 1 | W2-2L | 30" x 30" | 1 |
| Sta. 300+20 Lt | 1 | Remove & Reset From Fitzwater Road-See Plans | | 2 |
| 300+55 Lt | 1 | Special-1 | 12" x 18" | 1 |
| **CUVA Maintenance Access Road** | | | | |
| Sta. 200+50 Lt | 1 | R1-1 | 30" x 30" | 1 |
| Sta. 201+80 Lt | 1 | W2-4 | 30" x 30" | 1 |
| Sta. 219+55 Rt | 1 | W2-4 | 30" x 30" | 1 |
| Sta. 220+05 Rt | 1 | R1-1 | 30" x 30" | 1 |
| | | | | |
| **Pleasant Valley Rd** | 2 | W2-2 (L&R) | 36" x 36" | 1 |
| **Fitzwater Road** | 1 | W2-2R | 30" x 30" | 1 |
| **Project Totals** | **10** | | | **10** |

Note: See Detail 633A for Special-1 Details. The removal of the existing Fitzwater Road Entrance Sign and Resetting to the NEOSD Access Road (Sta. 300+20) is considered subsidiary to pay item 63301-0000, Sign System-Each.

## SUMMARY OF CONSTRUCTION SIGNS

| Item Number | | | | | | | F.I.O |
|---|---|---|---|---|---|---|---|
| MUTCD Reference | Description | Panel Dimensions (in X in) | | | Area (sqft) | Number of Signs | Temporary Traffic Control, Construction Sign |
| | | | | | | | SQFT |
| G20-2 | End Road Work | 36 | X | 18 | 4.5 | 4 | 18 |
| R11-2 | Road Closed | 48 | X | 30 | 10.0 | 2 | 20 |
| W20-1 | Road Work Ahead | 36 | X | 36 | 9.0 | 4 | 36 |
| As Directed by CO | As Directed by the CO | | | | | | 36 |
| **Project Totals** | | | | | | **10** | **110** |

Note: Construction sign items considered subsidiary to pay item 63501-0000, Temporary Traffic Control-LPSM

## SUMMARY OF CONCRETE BARRIER

| Item Number | 61801-0000 |
|---|---|
| Location | Concrete Barrier |
| Unit | Lnft |
| Sta. 200+42 to 212+00 Rt. | 1,158 |
| **Project Totals** | **1,158** |

## TEMPORARY TRAFFIC CONTROL QUANTITIES

| Item Number | Description | Unit | Project Totals |
|---|---|---|---|
| 63501-0000 | TEMPORARY TRAFFIC CONTROL, BARRICADE TYPE 3 | Each | **4** |
| | TEMPORARY TRAFFIC CONTROL, DRUM | Each | **20** |
| | TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN | SqFt | **110** |
| | ~~TEMPORARY TRAFFIC CONTROL, FLAGGER~~ | ~~Hour~~ | ~~**400**~~ △1 |
| | TEMPORARY TRAFFIC CONTROL, WARNING LIGHTS TYPE A | Each | **6** |
| 63506-0500 | TEMPORARY TRAFFIC CONTROL, FLAGGER | Hour | **80** △1 |
| 63511-0100 | TEMPORARY TRAFFIC CONTROL, RAILROAD FLAGGER | CTSM | **1** △1 |

Note: Temporary traffic control items excluding flaggers is considered subsidiary to pay item 63501-0000, Temporary Traffic Control-LPSM

## CLEARING AND GRUBBING TURF ESTABLISHMENT QUANTITIES

| Item Number | 20101-0000 | 20201-0000 | 62501-0000 |
|---|---|---|---|
| Location | CLEARING AND GRUBBING | SELECTIVE CLEARING | TURF ESTABLISHMENT |
| Unit | ACRE | ACRE | ACRE |
| NEOSD Access Road Sta. 300+55 to Sta. 308+05 | N/A | N/A | N/A |
| CUVA Maintenance Access Road Sta. 200+05 to Sta. 220+35 | 1.569 | N/A | 0.814 |
| Fitzwater Road | N/A | 0.503 | N/A |
| **Project Totals** | **1.569** | **0.503** | **0.814** |

## DELINEATOR SUMMARY

| Item Number | 63309-0900 |
|---|---|
| Location | DELINEATOR - FLEXIBLE TYPE |
| Unit | EACH |
| **NEOSD Access Road** | |
| Sta. 300+55 to Sta. 308+05 L | 7 |
| Sta. 300+55 to Sta. 308+05 R | 6 |
| **CUVA Maintenance Access Road** | |
| Sta. 200+05 to Sta. 220+35 L | 29 |
| Sta. 212+00 to 220+35 Rt | 11 |
| **Project Totals** | **53** |

## GRADING SUMMARY

| | | | Roadway Excavation | | Adjustments To Excavation | | Roadway Embankment | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pay Item | | | | | | | | Adjustments | **20420-0000** | Mass Ordinate | |
| Station to Station | | | Roadway Prism | Roadway Excavation | Average Shrink/Swell Factor(4) | Total Excavation Available for Fills | Roadway Prism | (+) Topsoil Replacement under fill | **Embankment Construction** | Excavation - Embankment | Placing Conserved Topsoil |
| Definition | | | (BCY) | (BCY) | | (CCY) | (CCY) | (CCY) | **(CCY)** | (CCY) | (CCY) |
| CUVA Maintenance Access Road | | | | | | | | | | | |
| 200+07.26 | - | 220+35.00 | 163 | 163 | 1 | 147 | 3,316 | 365 | **3,681** | -3,499 | 365 |

NOTES:

1. BCY = Bank Cubic Yard = One cubic yard of material as it lies in natural bank state.
2. CCY = Compacted Cubic Yard = One cubic yard of material after it has been compacted to specification density.
3. The quantities shown herein are approximations. Payment will be made for the actual quantities of work performed and accepted.
4. The average shrink/swell factor shown is computed by taking an average of values over the specified station range. Recommended shrink/swell factors are used in the calculations.

## DRAINAGE SUMMARY

| Item Number | 60201-0600 | 60210-0600 |
|---|---|---|
| Location | 18-INCH PIPE CULVERT | END SECTION FOR 18-INCH PIPE CULVERT |
| Unit | Lnft | Lnft |
| NEOSD Access Road | | |
| Sta. 306+55 | 20 | 2 |
| CUVA Maintenance Access Rd | | |
| Sta. 216+22 | 20 | 2 |
| **Project Totals** | **40** | **4** |

| REVISIONS | | | |
|---|---|---|---|
| NO. | Description | By | DATE |
| △1 | Revised Quantity | MW | 9/15/08 |

# TABULATION OF QUANTITIES

9/15/2008 13:06 N:\OH\cuva18(1)164(1)\Roadway\sheets\B-Summ\Temp Access\[sum_shts_FP03_Acces

**Project CUVA 18(1), 164(1) ACCESS ROAD**
**Cuyahoga Maintenance Access**
**Solicitation: DTFH71-08-B-00039**

**Pre-Bid Meeting Minutes**

**Date:** September 11, 2008
**Time:** 9:00 a.m. to 11:00 a.m.
**Place:** Canal Visitor Center, Cuyahoga National Park
7104 Canal Road, Valley View, OH 44125
**Attendees:** See Attendance List.

**I. Project Overview.** FHWA began the meeting with introductions and a brief project overview was given by the FHWA Contracting Officer and FHWA Project Manager. After the introductions and a brief overview, attendees visited the project site and walked along the entire proposed route of the access road. The following is a description of the project and solicitation for informational purposes discussed directly or indirectly at the meeting.

**Project Scope:** The project consists of the construction of a temporary gravel access road to provide emergency access to the Fitzwater Maintenance Yard. The access road would begin at the intersection of Pleasant Valley Road and the Northeast Ohio Sewer District (NEOSD) Access Road. Approximately 750-foot of the existing NEOSD Access Road will be rehabilited by scarifying and resurfacing with gravel. Approximately 0.39 miles of new road will be constructed intersecting the NEOSD Access Road, running parallel with the Cuyahoga Valley Scenic Railroad Grade, and terminating at its new intersection with Fitzwater Road. Construction activities will primarily include embankment construction, placement of aggregate base, drainage work, placement of temporary erosion control devices, and the placement of concrete barrier. The project is expected to fall within the price range of $250, 000 to $500,000.

**Proposal Information:** The Bid Documents (Plans, Special Contract Requirements (SCR's), Specification Book FP-03, Checklist for Bid Submission, etc.,) are available on the following websites:

https://www.fbo.gov/spg/DOT/FHWA/71/DTFH71-08-B-00039/listing.html

Bidders are reminded to sign up for automatic email notification for any changes to the Bid Documents and Solicitation.

The Bid Opening is September 18, 2008. Bids are due by 2:00 PM local time, and are to be delivered to:
Eastern Federal Lands Highway Division
ATTN: Peggy Schaad
21400 Ridgetop Circle
Sterling, VA 20166

Bidders can send written questions or inquiries for clarification to:
eflhd.contracts@fhwa.dot.gov
All questions must be submitted prior to September 16, 2008.

**II. Questions/Clarifications.** The following questions and issues were either asked or discussed by potential bidders at the Pre-Bid Meeting; the Government response or clarification is provided. The questions/clarifications are not a transcript of actual words spoken; they have been edited to provide a clearer representation of the actual issues discussed; any follow-up action is also included. Items to be included in Amendment 001 are noted in *Italics*.

1. Is there a borrow site on the project site or does the borrowing have to be done off site?

   **No material sources are available on-site. It is the contractor's responsibility to obtain material from off site per the Special Contract Requirements and FP.**

2. How is the geogrid to be measured if used for soft sub-grade or steep embankment?

   **Geogrid will be measured by the square yard of geogrid placed. For soft subgrade, in-lieu of geogrid, Earthwork Geotextile Type IV-C will be placed and measured by the square yard of geotextile fabric. Embankment will be measured according to section 204 of the Special Contract Requirements and FP; cubic yard.**

3. Six inch aggregate; can it be Limestone or Crushed Concrete?

   **The material must meet the material specification of Subsection 703.06 of the FP.**

4. How will the standard roadway flagger and Railroad flagger be compensated?

   ***Flagger hours were separated into two separate pay items to more accurately reflect the required work. Standard roadway flaggers will be compensated under pay item 63506-0500 Temporary Traffic Control, Flagger; The flaggers necessary for work near the railway will be compensated under pay item 63511-0100; Temporary Traffic Control, Railroad Flagger. This will reduce the confusion of two separate activities under one pay item. Both items will be included with Amendment 001.***

The meeting ended approximately 11:00 am at the project site.

**Site Visit - Sign In Sheet**
**September 11, 2008 at 9:00 a.m.**
**Valley View, OH**

**PROJECT:** Cuyahoga Valley National Park Project PRA-CUVA 18(1), 164(1), DTFH71-08-B-00039

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