

CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number _____

Meeting Type: Regular

Meeting Date: 6/13/2013

Action Requested By:
Engineering

Agenda Item Type
Resolution

Subject Matter:

Agreement with Reed Contracting Services, Inc.

Exact Wording for the Agenda:

Resolution authorizing the Mayor to enter into an agreement with the low bidder, Reed Contracting Services, Inc., for Martin Road on Redstone Arsenal, Base Bid and Option No. 1, Option No. 2 and Option No. 3, Project No. 65-10-RD09

Note: If amendment, please state title and number of the original

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what Council action will provide, allow and accomplish and; any other information that might be helpful.

This agreement is for the construction of two (2) additional lanes for approximately 2.5 miles along Martin Road on Redstone Arsenal, between Gate 7 and Rideout Road, for the following amounts: Award Base Bid: \$6,868,339.03, including Option No. 1: \$25,551.65, Option No. 2: \$17,581.11, and Option No. 3: \$10,200.00 for a total contract amount of \$6,921,671.79. * Account No. 23-6500-0813-8512

Associated Cost: \$6,921,671.79

Budgeted Item: Select...

MAYOR RECOMMENDS OR CONCURS: Select...

Department Head: Kathy Marti

Date: 6/6/13

*Approval of this contract authorized by License Agreement between the City of Huntsville and the Secretary of the Army by Resolution No. 12-1073 on December 20, 2012.

revised 3/12/2012

ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: **Engineering**

Council Meeting Date: **6/13/2013**

Department Contact: **Lynn Majors**

Phone # **256-427-5201**

Contract or Agreement: **Construction Contract**

Document Name: **Reed-Martin Road Project No. 65-10-RD09**

City Obligation Amount: **\$6,921,671.79**

Total Project Budget: **\$6,921,671.79**

Uncommitted Account Balance: **0**

Account Number: **23-6500-0813-8512**

Procurement Agreements

| | |
|-----------------|--------------------|
| Title 39 | Competitive |
|-----------------|--------------------|

Grant-Funded Agreements

| | |
|-----------------------|--------------------|
| Not Applicable | Grant Name: |
|-----------------------|--------------------|

| Department | Signature | Date |
|---|-----------------------|--------|
| 1) Originating | <i>Lynn Majors</i> | 6/6/13 |
| 2) Legal | <i>Jerry C. Cates</i> | 6/6/13 |
| 3) Finance | <i>[Signature]</i> | 6/7/13 |
| 4) Originating | | |
| 5) Copy Distribution | | |
| a. Mayor's office (1 copies) | | |
| b. Clerk-Treasurer (Original & 2 copies) | | |
| | | |

RESOLUTION NO. 13-

BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, to enter into a contract with the low bidder, Reed Contracting Services, Inc., in the amount of SIX MILLION NINE HUNDRED TWENTY-ONE THOUSAND SIX HUNDRED SEVENTY-ONE AND .79/100 DOLLARS (\$6,921,671.79), for Martin Road on Redstone Arsenal, Base Bid and Option No. 1, Option No. 2 and Option No. 3, Project No. 65-10-RD09, per the License Agreement between the City of Huntsville and the Secretary of the Army approved by Resolution No. 12-1073 on December 20, 2012, which authorizes the approval of this contract, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said agreement is substantially in words and figures similar to that document attached hereto and identified as "Contract between City of Huntsville and Reed Contracting Services, Inc. for Martin Road on Redstone Arsenal, Base Bid and Option No. 1, Option No. 2 and Option No. 3, Project No. 65-10-RD09" consisting of a total of one (1) page plus one hundred and twenty-five (125) additional pages consisting of Attachments A3-H, Supplement to General Requirements for Construction of Public Improvements and all Addenda, "Certification of Compliance with Title 39, Code of Alabama", and "E-Verify Statement", and the date of June 13, 2013, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

ADOPTED this the 13th day of June, 2013.

President of the City Council of
the City of Huntsville, Alabama

APPROVED this the 13th day of June, 2013.

Mayor of the City of Huntsville,
Alabama

**CONTRACT BETWEEN CITY OF HUNTSVILLE
AND
REED CONTRACTING SERVICES, INC.
FOR
MARTIN ROAD ON REDSTONE ARSENAL
PROJECT NO. 65-10-RD09**

~~~~~  
**STATE OF ALABAMA}  
MADISON COUNTY}**

THIS CONTRACT, made and entered into this 13th day of June, 2013, between the CITY OF HUNTSVILLE, ALABAMA, a Municipal Corporation, sometimes referred to herein as City, and REED CONTRACTING SERVICES, INC., sometimes referred to herein as Contractor.

**-WITNESSETH-**

WHEREAS, the City desires to install, construct or make certain improvements known as Martin Road on Redstone Arsenal, Project #65-10-RD09, in the City of Huntsville, Madison County, Alabama, all in accordance with details, specifications, surveys and general requirements prepared by the City of Huntsville Urban Development Department - Engineering Division, which are on file in the Office of the City Engineer of the City of Huntsville, Alabama, all of which details, specifications, surveys and general requirements are made a part of this contract, and

NOW, THEREFORE, it is agreed that the Contractor promises and agrees to make such improvements for the party of the first part for the considerations hereinafter set out. The Contractor promises and agrees to furnish all necessary labor, materials and equipment for the doing of the same, all to be done in accordance with such details, plans, specifications and general requirements hereto attached and made a part of this contract.

FOR THE PERFORMANCE of such work, the City agrees to pay the Contractor as follows per Attachment "A3".

  
\_\_\_\_\_  
Reed Contracting Services, Inc.

BY:

\_\_\_\_\_  
Tommy Battle, Mayor

ATTEST:   
\_\_\_\_\_

\_\_\_\_\_  
Charles E. Hagood  
City Clerk Treasurer

\_\_\_\_\_  
Mark Russell  
City Council President

DATE: June 13, 2013

**MARTIN ROAD ON REDSTONE ARSENAL**  
**PROJECT NO. 65-10-RD09**

**CITY OF HUNTSVILLE, ALABAMA**

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| Attachment "A3"                                           |                                                                                                                               |         |          |             |              | 5/30/2013 |  |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|-------------|--------------|-----------|--|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                               |         |          |             |              |           |  |
| ITEM #                                                    | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE  | BID AMOUNT   |           |  |
| 1                                                         | Clearing & Grubbing (Approximately 8 acres), in accordance with ALDOT Spec 201                                                | 1       | LS       | \$32,000.00 | \$32,000.00  | ✓         |  |
| 2                                                         | Removing Concrete Slope Paving, in accordance with ALDOT Spec 206                                                             | 70      | SY       | \$5.02      | \$351.40     | ✓         |  |
| 3                                                         | Removing Concrete Median, in accordance with ALDOT Spec 206                                                                   | 75      | SY       | \$8.37      | \$627.75     | ✓         |  |
| 4                                                         | Removing Pipe Including Headwalls, in accordance with ALDOT Spec 206                                                          | 1079    | LF       | \$9.07      | \$9,786.53   | ✓         |  |
| 5                                                         | Removing Guardrail Including Posts, in accordance with ALDOT Spec 206                                                         | 1516    | LF       | \$1.12      | \$1,697.92   | ✓         |  |
| 6                                                         | Removing Curb and Gutter, in accordance with ALDOT Spec 206                                                                   | 456     | LF       | \$6.51      | \$2,968.56   | ✓         |  |
| 7                                                         | Removing Inlets, in accordance with ALDOT Spec 206                                                                            | 5       | EA       | \$128.37    | \$641.85     | ✓         |  |
| 8                                                         | Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once)  | 39388   | CY       | \$5.39      | \$212,301.32 | ✓         |  |
| 9                                                         | Borrow (Fill) with 30% Shrinkage Factor Added, in accordance with ALDOT Spec 210                                              | 64758   | CY       | \$6.81      | \$441,001.98 | ✓         |  |
| 10                                                        | Undercutting (Including Muck Excavation)                                                                                      | 23870   | CY       | \$4.70      | \$112,189.00 | ✓         |  |
| 11                                                        | Borrow (Underwater Backfill), in accordance with ALDOT Spec 210                                                               | 37238   | TON      | \$9.83      | \$366,049.54 | ✓         |  |
| 12                                                        | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 90000   | SY       | \$4.92      | \$442,800.00 | ✓         |  |
| 13                                                        | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 45000   | SY       | \$1.11      | \$49,950.00  | ✓         |  |
| 14                                                        | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 6092    | GAL      | \$2.81      | \$17,118.52  | ✓         |  |
| 15                                                        | Joint Sealant, in accordance with ALDOT Spec 407                                                                              | 5       | MILE     | \$708.72    | \$3,543.60   | ✓         |  |

| Attachment "A3"                                           |                                                                                                                                                                                    | 5/30/2013 |            |             |                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------|----------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                                    |           |            |             |                |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                                        | BID QTY   | BID UNIT   |             |                |
|                                                           |                                                                                                                                                                                    |           | UNIT PRICE |             |                |
|                                                           |                                                                                                                                                                                    |           | BID AMOUNT |             |                |
| 16                                                        | Planing Existing Pavement, in accordance with ALDOT Spec 408                                                                                                                       | 3427      | SY         | \$2.22      | \$7,607.94 ✓   |
| 17                                                        | Material Remixing Device, in accordance with ALDOT Spec 410                                                                                                                        | 1         | EA         | \$40,524.98 | \$40,524.98 ✓  |
| 18                                                        | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424    | 6805      | TON        | \$67.12     | \$456,751.60 ✓ |
| 19                                                        | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 165#/SY), in accordance with ALDOT Spec 424    | 25        | TON        | \$81.72     | \$2,043.00 ✓   |
| 20                                                        | REQ'D 424A-361 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424    | 1555      | TON        | \$62.48     | \$97,156.40 ✓  |
| 21                                                        | REQ'D 424B-650 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424       | 30        | TON        | \$87.13     | \$2,613.90 ✓   |
| 22                                                        | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12567     | TON        | \$52.99     | \$665,925.33 ✓ |
| 23                                                        | REQ'D 424B-659 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 0 TO 350#/SY), in accordance with ALDOT Spec 424 | 1350      | TON        | \$52.57     | \$70,969.50 ✓  |
| 24                                                        | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12567     | TON        | \$53.92     | \$677,612.64 ✓ |

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

5/30/2013

| ITEM # | DESCRIPTION                                                                                                                                                                           | BID QTY | BID UNIT | UNIT PRICE  | BID AMOUNT     |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-------------|----------------|
| 25     | REQ'D 424B-689 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 350 TO 1300#/SY), in accordance with ALDOT Spec 424 | 4800    | TON      | \$53.12     | \$254,976.00 ✓ |
| 26     | 430-B Aggregate Surfacing (ALDOT #467, #410 Modified, or #57), in accordance with ALDOT Spec 430                                                                                      | 750     | TON      | \$18.55     | \$13,912.50 ✓  |
| 27     | 430B Aggregate Surfacing (ALDOT #2), in accordance with ALDOT Spec 430                                                                                                                | 8757    | TON      | \$13.88     | \$121,547.16 ✓ |
| 28     | Reinforced Cement Concrete Bridge End Slab, in accordance with ALDOT Spec 450                                                                                                         | 160     | SY       | \$105.06    | \$16,809.60 ✓  |
| 29     | Steel Reinforcement (Grade 60) to be used for Substructure, in accordance with ALDOT Spec 502                                                                                         | 54736   | LB       | \$0.97      | \$53,093.92 ✓  |
| 30     | Steel Reinforcement For Bridge Superstructure, Station 91+76.86, Approx. 48,064 Pounds, in accordance with ALDOT Spec 502                                                             | 1       | LS       | \$36,720.00 | \$36,720.00 ✓  |
| 31     | Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 55      | LF       | \$432.48    | \$23,786.40 ✓  |
| 32     | Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 18      | LF       | \$648.72    | \$11,676.96 ✓  |
| 33     | Special Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 48      | LF       | \$1,948.20  | \$93,513.60 ✓  |
| 34     | Special Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 20      | LF       | \$2,274.60  | \$45,492.00 ✓  |
| 35     | Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 103     | LF       | \$81.60     | \$8,404.80 ✓   |
| 36     | Drilled Shaft Construction, 5'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 38      | LF       | \$128.52    | \$4,883.76 ✓   |

| Attachment "A3"                                           |                                                                                                                                                                                      |         |          |              |              |   |  | 5/30/2013 |  |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|--------------|--------------|---|--|-----------|--|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                                      |         |          |              |              |   |  |           |  |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                                          | BID QTY | BID UNIT | UNIT PRICE   | BID AMOUNT   |   |  |           |  |
| 37                                                        | Crosshole Sonic Logging, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 6       | EA       | \$510.00     | \$3,060.00   | ✓ |  |           |  |
| 38                                                        | Crosshole Sonic Logging, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 2       | EA       | \$510.00     | \$1,020.00   | ✓ |  |           |  |
| 39                                                        | Structural Steel, in accordance with ALDOT Spec 508                                                                                                                                  | 3704    | LB       | \$5.10       | \$18,890.40  | ✓ |  |           |  |
| 40                                                        | Bridge Substructure Concrete, Class A, in accordance with ALDOT Spec 510                                                                                                             | 127     | CY       | \$612.00     | \$77,724.00  | ✓ |  |           |  |
| 41                                                        | Bridge Concrete Superstructure, Station 91+76.86, Approx. 162 Cu. Yds., in accordance with ALDOT Spec 510                                                                            | 1       | LS       | \$101,796.00 | \$101,796.00 | ✓ |  |           |  |
| 42                                                        | Grooving Concrete Bridge Decks, in accordance with ALDOT Spec 510                                                                                                                    | 436     | SY       | \$7.14       | \$3,113.04   | ✓ |  |           |  |
| 43                                                        | Elastomeric Bearings, Type 2 (Mark B4) Modified, in accordance with ALDOT Spec 511                                                                                                   | 28      | EA       | \$408.00     | \$11,424.00  | ✓ |  |           |  |
| 44                                                        | Pretensioned-Prestressed Concrete Girders, Type BT-63 (Specialty Item), in accordance with ALDOT Spec 513                                                                            | 847     | LF       | \$190.64     | \$161,472.08 | ✓ |  |           |  |
| 45                                                        | Culvert Extension and Wings Concrete, Including Steel Reinforcement, in accordance with ALDOT Spec 524 (Complete in Place)                                                           | 1       | LS       | \$102,000.00 | \$102,000.00 | ✓ |  |           |  |
| 46                                                        | Required Shoring, in accordance with ALDOT Spec 215                                                                                                                                  | 1       | LS       | \$198.90     | \$198.90     | ✓ |  |           |  |
| 47                                                        | 15" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 66      | LF       | \$36.94      | \$2,438.04   | ✓ |  |           |  |
| 48                                                        | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 3631    | LF       | \$32.10      | \$116,555.10 | ✓ |  |           |  |

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

| ITEM # | DESCRIPTION                                                                                                                                                                                         | BID QTY | BID UNIT | UNIT PRICE  | BID AMOUNT    |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-------------|---------------|
| 49     | 24" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 376     | LF       | \$47.91     | \$18,014.16 ✓ |
| 50     | 30" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 408     | LF       | \$53.79     | \$21,946.32 ✓ |
| 51     | 36" Span, 23" Rise Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 146     | LF       | \$71.33     | \$10,414.18 ✓ |
| 52     | Type 2 Field Office in accordance with ALDOT Spec 603                                                                                                                                               | 1       | LS       | \$24,348.68 | \$24,348.68 ✓ |

| Attachment "A3"                                           |                                                                                                                                  |         |          |            |             | 5/30/2013 |  |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|-------------|-----------|--|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                  |         |          |            |             |           |  |
| ITEM #                                                    | DESCRIPTION                                                                                                                      | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT  |           |  |
| 53                                                        | Loose Riprap, Class 2, in accordance with ALDOT Spec 610                                                                         | 3705    | SY       | \$18.14    | \$67,208.70 | ✓         |  |
| 54                                                        | Filter Blanket, Geotextile, in accordance with ALDOT Spec 610                                                                    | 3705    | SY       | \$2.33     | \$8,632.65  | ✓         |  |
| 55                                                        | Reinforced Slope Paving (Monolithic Islands), in accordance with ALDOT Spec 614                                                  | 184     | CY       | \$198.69   | \$36,558.96 | ✓         |  |
| 56                                                        | DBL 15" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                           | 1       | EA       | \$1,114.80 | \$1,114.80  | ✓         |  |
| 57                                                        | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 21      | EA       | \$669.54   | \$14,060.34 | ✓         |  |
| 58                                                        | 24" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 5       | EA       | \$740.71   | \$3,703.55  | ✓         |  |
| 59                                                        | 36" Span, 23" Rise Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                | 3       | EA       | \$929.01   | \$2,787.03  | ✓         |  |
| 60                                                        | Minor Structure Concrete (Concrete Collar including Steel Reinforcement), in accordance with ALDOT Spec 620, Complete in Place   | 1       | CY       | \$836.11   | \$836.11    | ✓         |  |
| 61                                                        | Junction Boxes Type 1, in accordance with ALDOT Spec 621                                                                         | 1       | EA       | \$1,803.74 | \$1,803.74  | ✓         |  |
| 62                                                        | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                 | 19      | EA       | \$2,146.41 | \$40,781.79 | ✓         |  |
| 63                                                        | Inlet, Type C, in accordance with ALDOT Spec 621                                                                                 | 1       | EA       | \$2,079.18 | \$2,079.18  | ✓         |  |
| 64                                                        | Open Throat Inlet, in accordance with City of Huntsville DR-127A, DR-127B, and DR-127C, City of Huntsville Logo Not Required     | 1       | EA       | \$2,258.24 | \$2,258.24  | ✓         |  |
| 65                                                        | S Type Inlet (1 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 3       | EA       | \$2,203.77 | \$6,611.31  | ✓         |  |

| Attachment "A3"                                           |                                                                                                                                  |         |          |            |              | 5/30/2013 |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|--------------|-----------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                  |         |          |            |              |           |
| ITEM #                                                    | DESCRIPTION                                                                                                                      | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT   |           |
| 66                                                        | S Type Inlet (2 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 1       | EA       | \$2,333.31 | \$2,333.31   | ✓         |
| 67                                                        | Inlet, Type E3, in accordance with ALDOT Spec 621                                                                                | 4       | EA       | \$4,504.10 | \$18,016.40  | ✓         |
| 68                                                        | Inlet, Type E, in accordance with ALDOT Spec 621                                                                                 | 1       | EA       | \$4,657.64 | \$4,657.64   | ✓         |
| 69                                                        | Monitoring Well Height Adjustment, Per Detail as Shown in Plans                                                                  | 5       | EA       | \$1,708.50 | \$8,542.50   | ✓         |
| 70                                                        | Concrete Curb, Type N, in accordance with ALDOT Spec 623                                                                         | 2217    | LF       | \$14.20    | \$31,481.40  | ✓         |
| 71                                                        | Concrete Curb, Type N Special, in accordance with ALDOT Spec 623                                                                 | 241     | LF       | \$40.75    | \$9,820.75   | ✓         |
| 72                                                        | Combination Curb & Gutter, 24" Total Width, in accordance with City of Huntsville ST-200                                         | 594     | LF       | \$15.69    | \$9,319.86   | ✓         |
| 73                                                        | Concrete Median or Safety Barrier, Type 1A (Reinforced), in accordance with ALDOT Spec 629                                       | 2890    | LF       | \$42.48    | \$122,767.20 | ✓         |
| 74                                                        | Concrete Median or Safety Barrier, Type 4A (Reinforced), in accordance with ALDOT Spec 629                                       | 561     | LF       | \$48.14    | \$27,006.54  | ✓         |
| 75                                                        | Concrete Median or Safety Barrier, Type 8 (Reinforced), in accordance with ALDOT Spec 629                                        | 520     | LF       | \$102.41   | \$53,253.20  | ✓         |
| 76                                                        | Steel Beam Guardrail, Class A, Type 1, in accordance with ALDOT Spec 630                                                         | 2975    | LF       | \$23.66    | \$70,388.50  | ✓         |
| 77                                                        | Guardrail End Anchor, Type 8 Series, in accordance with ALDOT Spec 630                                                           | 6       | EA       | \$714.00   | \$4,284.00   | ✓         |
| 78                                                        | Guardrail End Anchor, Type 13 Series, in accordance with ALDOT Spec 630                                                          | 3       | EA       | \$1,734.00 | \$5,202.00   | ✓         |
| 79                                                        | Guardrail End Anchor, Type 20 Series, in accordance with ALDOT Spec 630                                                          | 7       | EA       | \$3,162.00 | \$22,134.00  | ✓         |

| Attachment "A3"                                           |                                                                                                        |         |          |            |             |   | 5/30/2013 |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|------------|-------------|---|-----------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                        |         |          |            |             |   |           |
| ITEM #                                                    | DESCRIPTION                                                                                            | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT  |   |           |
| 80                                                        | Valve Box Reset, in accordance with ALDOT Spec 641                                                     | 24      | EA       | \$185.68   | \$4,456.32  | ✓ |           |
| 81                                                        | Manhole Frame and Cover Reset, City of Huntsville Logo Not Required, in accordance with ALDOT Spec 645 | 4       | EA       | \$286.30   | \$1,145.20  | ✓ |           |
| 82                                                        | Required Topsoil, in accordance with ALDOT Spec 650, from Offsite Source                               | 7700    | CY       | \$0.01     | \$77.00     | ✓ |           |
| 83                                                        | Solid Sodding (Berumuda), in accordance with ALDOT Spec 654                                            | 502     | SY       | \$4.77     | \$2,394.54  | ✓ |           |
| 84                                                        | Hydroseeding                                                                                           | 20      | ACRE     | \$1,632.00 | \$32,640.00 | ✓ |           |
| 85                                                        | Mulching, in accordance with ALDOT Spec 656                                                            | 20      | ACRE     | \$638.07   | \$12,761.40 | ✓ |           |
| 86                                                        | Erosion Control Product, Type S4, in accordance with ALDOT Spec 659                                    | 7500    | SY       | \$0.95     | \$7,125.00  | ✓ |           |
| 87                                                        | Erosion Control Product, Type C2, in accordance with ALDOT Spec 659                                    | 2000    | SY       | \$1.71     | \$3,420.00  | ✓ |           |
| 88                                                        | Temporary Seeding, in accordance with ALDOT Spec 665                                                   | 20      | ACRE     | \$614.62   | \$12,292.40 | ✓ |           |
| 89                                                        | Temporary Mulching, in accordance with ALDOT Spec 665                                                  | 20      | ACRE     | \$638.07   | \$12,761.40 | ✓ |           |
| 90                                                        | Sand Bags, in accordance with ALDOT Spec 665                                                           | 500     | EA       | \$5.35     | \$2,675.00  | ✓ |           |
| 91                                                        | Silt Fence, in accordance with ALDOT Spec 665                                                          | 24750   | LF       | \$2.31     | \$57,172.50 | ✓ |           |
| 92                                                        | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                            | 124     | CY       | \$8.50     | \$1,054.00  | ✓ |           |
| 93                                                        | Floating Basin Boom, in accordance with ALDOT Spec 665                                                 | 460     | LF       | \$10.62    | \$4,885.20  | ✓ |           |

| Attachment "A3"                                           |                                                                                         |         |          |            |             |   | 5/30/2013 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------|---------|----------|------------|-------------|---|-----------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                         |         |          |            |             |   |           |
| ITEM #                                                    | DESCRIPTION                                                                             | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT  |   |           |
| 94                                                        | Silt Fence Removal, in accordance with ALDOT Spec 665                                   | 24750   | LF       | \$1.34     | \$33,165.00 | ✓ |           |
| 95                                                        | Wattle, in accordance with ALDOT Spec 665                                               | 2175    | LF       | \$5.42     | \$11,788.50 | ✓ |           |
| 96                                                        | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                       | 10      | EA       | \$469.18   | \$4,691.80  | ✓ |           |
| 97                                                        | 701-A Solid White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701    | 5.3     | MILE     | \$2,652.00 | \$14,055.60 | ✓ |           |
| 98                                                        | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 4.5     | MILE     | \$2,652.00 | \$11,934.00 | ✓ |           |
| 99                                                        | 701-A Broken White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 4.6     | MILE     | \$1,326.00 | \$6,099.60  | ✓ |           |
| 100                                                       | 701-B Dotted Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701          | 3135    | LF       | \$1.02     | \$3,197.70  | ✓ |           |
| 101                                                       | 701-C Solid Temporary Traffic Stripe (Paint), in accordance with ALDOT Spec 701         | 8       | MILE     | \$663.00   | \$5,304.00  | ✓ |           |
| 102                                                       | 701-D Solid Temporary Traffic Stripe Removed (Paint), in accordance with ALDOT Spec 701 | 8       | MILE     | \$1,530.00 | \$12,240.00 | ✓ |           |
| 103                                                       | 703-A Traffic Control Markings, Class 2, Type A, in accordance with ALDOT Spec 703      | 2885    | SF       | \$4.08     | \$11,770.80 | ✓ |           |
| 104                                                       | 703-B Traffic Control Legends, Class 2, Type A, in accordance with ALDOT Spec 703       | 337     | SF       | \$4.08     | \$1,374.96  | ✓ |           |
| 105                                                       | 705-A Pavement Markers, Class A-H, Type 2-C, in accordance with ALDOT Spec 705          | 64      | EA       | \$4.08     | \$261.12    | ✓ |           |

| Attachment "A3"                                           |                                                                                                                                                                     | 5/30/2013 |            |             |               |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------|---------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                     |           |            |             |               |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                         | BID QTY   | BID UNIT   |             |               |
|                                                           |                                                                                                                                                                     |           | UNIT PRICE |             |               |
|                                                           |                                                                                                                                                                     |           | BID AMOUNT |             |               |
| 106                                                       | 705-A Pavement Markers, Class A-H, Type 1-A, in accordance with ALDOT Spec 705                                                                                      | 374       | EA         | \$4.08      | \$1,525.92 ✓  |
| 107                                                       | 705-A Pavement Markers, Class A-H, Type 1-B, in accordance with ALDOT Spec 705                                                                                      | 368       | EA         | \$4.08      | \$1,501.44 ✓  |
| 108                                                       | 705-A Pavement Markers, Class A-H, Type 2-E, in accordance with ALDOT Spec 705                                                                                      | 161       | EA         | \$4.08      | \$656.88 ✓    |
| 109                                                       | 705-A Pavement Markers, Class C, Type 2-D (Temporary), in accordance with ALDOT Spec 705                                                                            | 292       | EA         | \$4.08      | \$1,191.36 ✓  |
| 110                                                       | 710-A Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background), in accordance with ALDOT Spec 710         | 138       | SF         | \$16.83     | \$2,322.54 ✓  |
| 111                                                       | 710-A Class 2A, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III, Type IV or VIII Background), in accordance with ALDOT Spec 710 | 27        | SF         | \$19.38     | \$523.26 ✓    |
| 112                                                       | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background), in accordance with ALDOT Spec 710                     | 91        | SF         | \$19.38     | \$1,763.58 ✓  |
| 113                                                       | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                                        | 510       | LF         | \$9.91      | \$5,054.10 ✓  |
| 114                                                       | Sign Relocation (includes Solar Panels), Complete in Place                                                                                                          | 33        | EA         | \$200.64    | \$6,621.12 ✓  |
| 115                                                       | Relocate Solar Panels, Complete in Place                                                                                                                            | 1         | LS         | \$2,040.00  | \$2,040.00 ✓  |
| 116                                                       | Water Line Relocation Including Valve Reset, Complete in Place                                                                                                      | 1         | LS         | \$19,076.91 | \$19,076.91 ✓ |
| 117                                                       | Permanent Barricades, in accordance with ALDOT Spec 713                                                                                                             | 106       | LF         | \$138.72    | \$14,704.32 ✓ |
| 118                                                       | Vehicular Impact Attenuator Assembly (BI-Directional, TL-3), in accordance with ALDOT Spec 720                                                                      | 4         | EA         | \$21,266.03 | \$85,064.12 ✓ |

| Attachment "A3"                                           |                                                                                                                 | 5/30/2013 |          |             |               |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|----------|-------------|---------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                 |           |          |             |               |
| ITEM #                                                    | DESCRIPTION                                                                                                     | BID QTY   | BID UNIT | UNIT PRICE  | BID AMOUNT    |
| 119                                                       | Removal of Existing Traffic Control Unit, in accordance with ALDOT Spec 730                                     | 1         | LS       | \$1,020.00  | \$1,020.00 ✓  |
| 120                                                       | Furnishing and Installing Traffic Control Unit (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730   | 2         | EA       | \$10,200.00 | \$20,400.00 ✓ |
| 121                                                       | Metal Traffic Signal Pole Foundation, in accordance with ALDOT Spec 730                                         | 8         | EA       | \$2,550.00  | \$20,400.00 ✓ |
| 122                                                       | Metal Traffic Strain Pole with Mast Arm, in accordance with ALDOT Spec 730                                      | 8         | EA       | \$7,038.00  | \$56,304.00 ✓ |
| 123                                                       | 1" Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                      | 50        | LF       | \$5.10      | \$255.00 ✓    |
| 124                                                       | 2" Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                      | 755       | LF       | \$6.63      | \$5,005.65 ✓  |
| 125                                                       | Vehicular Signal Head, 12 Inch, 3 Section, Type LED, in accordance with ALDOT Spec 730                          | 10        | EA       | \$766.02    | \$7,660.20 ✓  |
| 126                                                       | Vehicular Signal Head, 12 Inch, 5 Section, Type LED, in accordance with ALDOT Spec 730                          | 9         | EA       | \$1,276.02  | \$11,484.18 ✓ |
| 127                                                       | Controller Assembly, Type III, 8 Phase, in accordance with ALDOT Spec 730                                       | 2         | EA       | \$11,934.00 | \$23,868.00 ✓ |
| 128                                                       | Traffic Signal Junction Boxes - Compete-In-Place, in accordance with ALDOT Spec 730                             | 8         | EA       | \$510.00    | \$4,080.00 ✓  |
| 129                                                       | Wood Pole, in accordance with ALDOT Spec 730                                                                    | 2         | EA       | \$510.00    | \$1,020.00 ✓  |
| 130                                                       | Furnishing and Installing Video Detection System (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730 | 1         | LS       | \$40,290.00 | \$40,290.00 ✓ |
| 131                                                       | 740-B Construction Signs, in accordance with ALDOT Spec 740                                                     | 624       | SF       | \$6.12      | \$3,818.88 ✓  |
| 132                                                       | 740-D Channelizing Drums, in accordance with ALDOT Spec 740                                                     | 536       | EA       | \$32.64     | \$17,495.04 ✓ |

| Attachment "A3"                                                                                |                                                                                                                               |         |          |              |                         |  | 5/30/2013 |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|--------------|-------------------------|--|-----------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09                                      |                                                                                                                               |         |          |              |                         |  |           |
| ITEM #                                                                                         | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE   | BID AMOUNT              |  |           |
| 133                                                                                            | 740-E Cones (36 Inches High), in accordance with ALDOT Spec 740                                                               | 200     | EA       | \$0.01       | \$2.00 ✓                |  |           |
| 134                                                                                            | 740-F Barricades, Type III, in accordance with ALDOT Spec 740                                                                 | 4       | EA       | \$168.30     | \$673.20 ✓              |  |           |
| 135                                                                                            | 740-I Warning Lights, Type B (Detachable Head), in accordance with ALDOT Spec 740                                             | 2       | EA       | \$357.00     | \$714.00 ✓              |  |           |
| 136                                                                                            | 740-M Ballast For Cone, in accordance with ALDOT Spec 740                                                                     | 200     | EA       | \$0.01       | \$2.00 ✓                |  |           |
| 137                                                                                            | Portable Sequential Arrow and Chevron Sign Unit, in accordance with ALDOT Spec 741                                            | 2       | EA       | \$3,009.00   | \$6,018.00 ✓            |  |           |
| 138                                                                                            | 6" Electrical Conduit, 1 Line, Type 5 Installation, in accordance with ALDOT Spec 756                                         | 400     | LF       | \$45.90      | \$18,360.00 ✓           |  |           |
| 139                                                                                            | Mobilization, Bonds, Permits, ADEM Monitoring, etc., in accordance with ALDOT Spec 600                                        | 1       | LS       | \$480,062.26 | \$480,062.26 ✓          |  |           |
| 140                                                                                            | Engineering Controls & Construction Staking, in accordance with ALDOT Spec 680                                                | 1       | LS       | \$68,006.27  | \$68,006.27 ✓           |  |           |
| 141                                                                                            | Portable Concrete Safety Barriers, Type 6                                                                                     | 4730    | LF       | \$2.04       | \$9,649.20 ✓            |  |           |
| 142                                                                                            | Permanent Drilled Shaft Casing, 5'-0" Diameter, in accordance with ALDOT Spec 506                                             | 25      | LF       | \$314.16     | \$7,854.00 ✓            |  |           |
| <b>TOTAL BASE BID</b>                                                                          |                                                                                                                               |         |          |              | <b>\$6,868,339.03</b> ✓ |  |           |
| <b>OPTION #1: Bid Option For Construction of Median Cross Over From Sta 34+26 to Sta 35+74</b> |                                                                                                                               |         |          |              |                         |  |           |
| 1-1                                                                                            | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 36      | GAL      | \$2.81       | \$101.16 ✓              |  |           |
| 1-2                                                                                            | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 1182    | SY       | \$4.47       | \$5,283.54 ✓            |  |           |
| 1-3                                                                                            | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 591     | SY       | \$1.11       | \$656.01 ✓              |  |           |

| Attachment "A3"                                           |                                                                                                                                                                                      | 5/30/2013 |            |            |              |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|--------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                                      |           |            |            |              |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                                          | BID QTY   | BID UNIT   |            |              |
|                                                           |                                                                                                                                                                                      |           | UNIT PRICE |            |              |
|                                                           |                                                                                                                                                                                      |           | BID AMOUNT |            |              |
| 1-4                                                       | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424       | 40        | TON        | \$75.61    | \$3,024.40 ✓ |
| 1-5                                                       | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON        | \$61.25    | \$4,532.50 ✓ |
| 1-6                                                       | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON        | \$61.29    | \$4,535.46 ✓ |
| 1-7                                                       | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT spec 533 and City of Huntsville Spec DR-166 | 71        | LF         | \$32.18    | \$2,284.78 ✓ |
| 1-8                                                       | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                                                                                   | 1         | EA         | \$674.80   | \$674.80 ✓   |
| 1-9                                                       | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                                                                     | 1         | EA         | \$2,126.94 | \$2,126.94 ✓ |
| 1-10                                                      | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                                                                                                                    | 1         | EA         | \$469.18   | \$469.18 ✓   |
| 1-11                                                      | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                                                                                                          | 7         | CY         | \$8.58     | \$60.06 ✓    |
| 1-12                                                      | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701                                                                                                | 0.5       | MILE       | \$2,652.00 | \$1,326.00 ✓ |

| Attachment "A3"                                                                                                                         |                                                                                                                                                 | 5/30/2013 |          |             |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-------------|------------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09                                                                               |                                                                                                                                                 |           |          |             |                  |
| ITEM #                                                                                                                                  | DESCRIPTION                                                                                                                                     | BID QTY   | BID UNIT | UNIT PRICE  | BID AMOUNT       |
| 1-13                                                                                                                                    | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background), in accordance with ALDOT Spec 710 | 8         | SF       | \$22.44     | \$179.52 ✓       |
| 1-14                                                                                                                                    | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                    | 30        | LF       | \$9.91      | \$297.30 ✓       |
| TOTAL OPTION #1:                                                                                                                        |                                                                                                                                                 |           |          |             | \$25,551.65 ✓    |
| OPTION #2                                                                                                                               |                                                                                                                                                 |           |          |             |                  |
| 2-1                                                                                                                                     | Bid Option For Digital As-Built Drawings                                                                                                        | 1         | LS       | \$17,581.11 | \$17,581.11 ✓    |
| TOTAL OPTION #2:                                                                                                                        |                                                                                                                                                 |           |          |             | \$17,581.11      |
| OPTION #3: Bid Option For Removal of Overhead Electric Poles                                                                            |                                                                                                                                                 |           |          |             |                  |
| 3-1                                                                                                                                     | Wooden Utility Poles North of Martin Road at Rideout Road (Complete in Place)                                                                   | 3         | EA       | \$2,550.00  | \$7,650.00 ✓     |
| 3-2                                                                                                                                     | Wooden Utility Poles South of Martin Road at Rideout Road (Complete in Place)                                                                   | 1         | EA       | \$2,550.00  | \$2,550.00 ✓     |
| TOTAL OPTION #3:                                                                                                                        |                                                                                                                                                 |           |          |             | \$10,200.00 ✓    |
| TOTAL BASE BID + OPTION #1 + OPTION #2 + OPTION #3:                                                                                     |                                                                                                                                                 |           |          |             | \$6,921,671.79 ✓ |
| ALL ITEMS SHALL BE CONSIDERED IN-PLACE. UNIT PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND REMOVAL REQUIRED FOR CONSTRUCTION. |                                                                                                                                                 |           |          |             |                  |
| Company: Reed Contracting Services, Inc.                                                                                                |                                                                                                                                                 |           |          |             |                  |
| Signature _____                                                                                                                         |                                                                                                                                                 |           |          |             |                  |
| Date: May 30, 2013                                                                                                                      |                                                                                                                                                 |           |          |             |                  |

**ATTACHMENT "B"**  
**PROPOSAL**

**TO: THE CITY OF HUNTSVILLE**

**Public Services Building  
320 Fountain Circle  
Huntsville, Alabama**

**PROPOSAL OF** Reed Contracting Services, Inc.

**(NAME)**

2512 Triana Blvd SW, Huntsville, Alabama 35805

**(ADDRESS)**

**TO MAKE CERTAIN IMPROVEMENTS ENTITLED:**

**MARTIN ROAD ON REDSTONE ARSENAL**  
**PROJECT NO. 65-10-RD09**

**FOR THE CITY OF HUNTSVILLE, ALABAMA.**

**GENTLEMEN:**

The undersigned bidder has carefully examined the drawings or plans, bid documents, the specifications, the general requirements, the supplement to general requirements, the general terms and conditions, this proposal, the agreement, together with any addenda thereto, and agrees to furnish and deliver all the materials, and to do and perform all the work and labor required to be furnished and delivered, done and performed in and about the improvements as described above and in accordance with certain specifications prepared and approved by the OWNER (City of Huntsville, Alabama). It is MANDATORY that any and all addenda be acknowledged by the undersigned bidder, either on page 2 of the Proposal, Attachment "B" or on the outside of the envelope, otherwise, bid shall be rejected.

The undersigned bidder understands that when unit prices are called for, the quantities shown herein are approximate only and are subject to increase or decrease, and offers to do the work whether the quantities are increased, or decreased, at the unit prices stated in the following schedule. The undersigned bidder also understands that when lump sum bids are called for, he will be required to furnish all equipment, labor, materials and other items or cost to construct a complete facility. The undersigned bidder further understands that any deletions or additions designated on the outside of the bid envelope, must indicate the particular bid item relative to the deletion or addition, even if the deletion or addition references to deduct or add to the Total Base Bid.

Contractors are authorized to download quantities, Attachment "A", or quantity revisions from COH Engineering website and paste to 3 1/2" floppy disk or CD-RW (preferably in a live/flash drive format) of their choice; one or the other must be submitted with the original bid packet. In addition, two hard copies must be signed and submitted with original bid packet.

Certificates of insurance are required naming the City as the Certificate Holder. Also, the name of the project and project number should be included on the certificate. The Certificates should reflect the insurance coverage required herein. In addition, a copy of the policy may be requested upon award. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. The Certificates are to be signed by a person authorized by the Insurer to bind coverage on its behalf and must indicate coverage will not be canceled or non-renewed except after thirty (30) days prior written notice to the City at the following address: City of Huntsville, P.O. Box 308, Huntsville, Alabama 35804 ATTN: Penny Kelly.

The undersigned bidder understands that the Contract Time for completion of all work is Five Hundred and Fifty (550) calendar days. Any or all options will be awarded within thirty (30) calendar days from award of the Base Bid.

**THE UNDERSIGNED BIDDER ALSO AGREES AS FOLLOWS:**

All bonds must be approved by the Mayor and the Clerk-Treasurer of the City of Huntsville. Within fifteen (15) days after the date of acceptance of this proposal by City Council action, the contractor shall execute the contract and furnish to the OWNER a payment (labor and material) bond and a performance bond, each in the amount of 100% of the contract amount. No contract extension will be allowed for delays in the issuance of the notice to proceed that are a result of the contractor failing to submit the required items within the 15 days.

**MARTIN ROAD ON REDSTONE ARSENAL  
PROJECT NO. 65-10-RD09**

It is further understood and agreed that the Contractor shall commence work to be performed under this contract within fifteen (15) days from the date of this contract, unless otherwise instructed in writing by the OWNER. All work shall be carried on continuously to completion.

Accompanying this proposal is a certified check or bid bond in the amount of not less than five percent (5%) of the total amount shown on the schedule of prices not exceeding \$10,000.00 payable to the City of Huntsville, Alabama, which is to be forfeited, as liquidated damages, if, in the event that his proposal is accepted, the undersigned shall fail to execute the contract and furnish a satisfactory contract bond under the conditions and within the time specified in this proposal; otherwise, said certified check or bid bond is to be returned to the undersigned.

DATED: May 30, 20 13.

(IF AN INDIVIDUAL, PARTNERSHIP, OR NON-INCORPORATED ORGANIZATION)  
SIGNATURE OF BIDDER \_\_\_\_\_

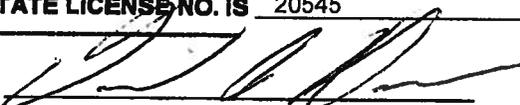
BY \_\_\_\_\_

ADDRESS OF BIDDER \_\_\_\_\_

NAMES AND ADDRESSES OF MEMBERS OF THE FIRM:

\_\_\_\_\_  
\_\_\_\_\_

OUR CONTRACTOR'S STATE LICENSE NO. IS 20545

(IF A CORPORATION)  
SIGNATURE OF BIDDER 

BY David L. Harris, Vice President

BUSINESS ADDRESS 2512 Triana Blvd SW, Huntsville, AL 35805

INCORPORATED UNDER THE LAWS OF THE STATE OF Alabama

NAMES PRESIDENT Michael Reed

OF SECRETARY David L. Harris, Vice President

OFFICERS TREASURER Charles C. Lovoy

**MANDATORY ACKNOWLEDGEMENT OF ADDENDA:** Addenda will only be faxed to those bidders who attend and have signed in at the pre-bid meeting. It is the responsibility of all bidders to refer to the website for any updates.

No. 1      No. 2      No. 3      No. 4  
5/22/2013    5/23/2013    5/24/2013    5/28/2013    \_\_\_\_\_

**ATTACHMENT "C"**

**MARTIN ROAD ON REDSTONE ARSENAL**  
**PROJECT NO. 65-10-RD09**

**SUBCONTRACTOR'S LISTING**

All subcontractors must be approved in writing by Owner. Any additional subcontractors needed during the contract period shall be approved by written letter from the Owner. Contractor shall **immediately** notify Mary Hollingsworth via email at [mary.hollingsworth@huntsvilleal.gov](mailto:mary.hollingsworth@huntsvilleal.gov) and the Owner's project inspector of any changes to subcontractor list for the duration of the project.

| <b><u>TASKS TO BE PERFORMED</u></b>         | <b><u>SUBCONTRACTOR NAME</u></b> | <b><u>LICENSE NO.</u></b> | <b><u>ADDRESS</u></b>                            | <b><u>ITEM #'S OF WORK TO BE PERFORMED</u></b> |
|---------------------------------------------|----------------------------------|---------------------------|--------------------------------------------------|------------------------------------------------|
| Surveying/Layout                            |                                  |                           |                                                  |                                                |
| Permitting                                  |                                  |                           |                                                  |                                                |
| Clearing & Grubbing                         |                                  |                           |                                                  |                                                |
| Erosion Control                             |                                  |                           |                                                  |                                                |
| Traffic Control                             | Protection Services              | S-39742                   | P.O. Box 170638<br>Birmingham, AL 35217          | 110-113, 131-137, 157-158                      |
| Excavation                                  |                                  |                           |                                                  |                                                |
| Concrete                                    | Concrete Builders, Inc.          | 26884                     | 2102 Miller Ferry Way SW<br>Huntsville, AL 35801 | 73-75                                          |
| Storm Drainage                              |                                  |                           |                                                  |                                                |
| Sanitary Sewer                              |                                  |                           |                                                  |                                                |
| Shoring/Monitoring                          | Miller & Miller, Inc.            | 4166                      | 2106 Miller Ferry Way SW<br>Huntsville, AL 35801 | 46                                             |
| Retaining Walls                             |                                  |                           |                                                  |                                                |
| Bridges                                     | Miller & Miller, Inc.            | 4166                      | 2106 Miller Ferry Way SW<br>Huntsville, AL 35801 | 2B-44, 45, 141, 142                            |
| Railroads                                   |                                  |                           |                                                  |                                                |
| Traffic (signals, loops)                    | Shoals Electric Company, Inc.    | 9168                      | P.O. Box 2448<br>Muscle Shoals, Alabama 35662    | 115, 119-130, 138                              |
| Street Lights                               |                                  |                           |                                                  |                                                |
| Electrical                                  |                                  |                           |                                                  |                                                |
| Water                                       |                                  |                           |                                                  |                                                |
| Asphalt                                     |                                  |                           |                                                  |                                                |
| Landscaping (Trees, grassing)               |                                  |                           |                                                  |                                                |
| Irrigation                                  |                                  |                           |                                                  |                                                |
| Striping                                    | J.C. Cheek Contractors           | 11303                     | P.O. Box 1138<br>Kosciusko, MS 39090             | 97-109, 156                                    |
| Sewer Testing                               |                                  |                           |                                                  |                                                |
| Guardrails                                  | Alabama Guardrail                | 9452                      | P.O. Box 72B<br>Pinson, AL 35126                 | 5, 76-79, 117                                  |
| Handrails                                   |                                  |                           |                                                  |                                                |
| Painting                                    |                                  |                           |                                                  |                                                |
| Special (fencing, benches, dewatering etc.) |                                  |                           |                                                  |                                                |
| Mechanical                                  |                                  |                           |                                                  |                                                |
| SCADA                                       |                                  |                           |                                                  |                                                |

**ATTACHMENT "D"**

**MARTIN ROAD ON REDSTONE ARSENAL  
PROJECT NO. 65-10-RD09**

**Contractor shall provide at least five (5) references including NAME OF PROJECT, Owner Name, address, phone number and contact name that demonstrates contractor's ability on similar projects.**

1. City of Huntsville University & Paramount Intersection Improvements  
320 Fountain Circle  
Huntsville, Alabama 35804  
POC: Dennis Thompson, Phone: (256) 535-2489
  
2. City of Huntsville Highway 72 West Median Crossover  
320 Fountain Circle  
Huntsville, Alabama 35804  
POC: Dennis Thompson, Phone: (256) 535-2489
  
3. City of Huntsville Mastin Lake Road Improvements  
320 Fountain Circle  
Huntsville, Alabama 35804  
POC: Chris McNeese, Phone (256) 535-2489
  
4. City of Huntsville Farrow Road Improvements  
320 Fountain Circle  
Huntsville, Alabama 35804  
POC: Cathy Martin, Phone (256) 535-2489
  
5. City of Huntsville Shields Road Extension  
320 Fountain Circle  
Huntsville, Alabama 35804  
POC: Chris McNeese, Phone (256) 535-2489

**ATTACHMENT "E"**

**andatory Pre-Bid Meeting to be held on Wednesday, May 15, 2013 at 1:00 p.m., in the 1st Floor Conference Room at 320 Fountain Circle, Huntsville, AL 35801.**

**NOTICE TO CONTRACTORS**

**WANTED: Sealed bids in duplicate for the construction of: Martin Road On Redstone Arsenal, more particularly known as Project No. 65-10-RD09**

**Description of Project: Project consists of the addition of two lanes with shoulders along Martin Road for approx. 2 miles between Gate 7 and Rideout Road to include one bridge and two box culvert extensions.**

The attention of all bidders is called to Code of Alabama §§ 34-8-1 and 34-8-2 (1975) and 34-8-1, 34-8-2, 34-8-4, 34-8-6, 34-8-7, 34-8-8 and 34-8-9 (amended 1996) setting forth the definition of general contractor and the licensing procedures and requirements for state licensing. A copy of the above Codes may be obtained from the OWNER (City of Huntsville). No one is entitled to bid and no contract may be awarded to anyone who does not possess a valid general contractor's license and the required classification for the municipal type work to be performed. The general contractor's license and classification must appear on the outside of the bid envelope along with the general contractor's name and address, project name and number and date and time of bid opening. Section 39-3-5 Code of Alabama has been amended as follows:

"In awarding the Contract, preference will be given to Alabama resident contractors and a nonresident bidder domiciled in a state having laws granting preference to local contractors shall be awarded the Contract only on the same basis as the nonresident bidder's state awards contracts to Alabama contractors bidding under similar circumstances."

This project, Martin Road On Redstone Arsenal, more particularly known as Project No. 65-10-RD09, requires the contractor to possess a State of Alabama Classification of (MU) Municipal & Utility or (HS) Highways & Streets.

After proposals are opened and read, they will be compared on the basis of the summation of the products or approximate quantities shown in Attachment "A", multiplied by the unit bid prices. In the event of a discrepancy between unit bid prices and extensions, the unit bid price shall govern. A proposal will not be considered unless signed by the bidder or his authorized agent and accompanied by cashier's check or properly signed bid bond, as required by law.

In determining the successful bidder, the Owner will consider in addition to the bid prices, such responsibility factors as characteristics and responsibility, skill, experience, record of integrity in business, and of performance offered and past record of performance on Owner contracts on other similar projects. Any other factors not specifically mentioned or provided for herein, in addition to that of the bid price which would affect the final cost of the Owner, will be taken into consideration in making award of contract. The right is reserved to reject any bid where investigation of the business and technical organization of the bidder available for the contemplated work, including financial resources, equipment, and experience on similar projects does not satisfy the Owner that such bidder is qualified to perform the work. The City Council of the City of Huntsville reserves the right to reject any and all bids and to waive informalities.

Separate sealed bids for the construction of this project will be received at the City of Huntsville Public Services Building, 320 Fountain Circle, in the 1st Floor in the Conference Room, on the 28th day of May, 2013, until 10:00 am. Each bid shall be accompanied by an original signed, dated and sealed Bid Bond in the amount of not less than five percent (5%) of the total shown on the schedule of prices, but not exceeding \$10,000.00. Quantities are known as Attachment "A". No bidder may withdraw his bid within ninety (90) days after the actual date of opening.

These Addenda, Special Provisions, Plans, the Supplement to General Requirements for Construction of Public Improvements City of Huntsville Specifications, Standard Specifications for Construction of Public Improvements Contract Projects and all supplementary documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complimentary and to describe and provide for a complete work. In case of discrepancy, calculated dimensions, unless obviously incorrect, shall govern over scaled dimensions. Plans shall govern over Supplemental Specifications, Supplemental Specifications shall govern over the Standard Specifications for Construction of Public Improvements Contract Projects. Special Provisions shall govern over Standard Specifications for Construction of Public Improvements Contract Projects, Supplemental Specifications. Standard Specifications for Construction of Public Improvements Contract Projects and Engineering Standards are available at no charge by downloading from the City Engineering website: [www.huntsvilleal.gov/engineering](http://www.huntsvilleal.gov/engineering) Plans and proposals can be downloaded from our website at no cost: [www.huntsvilleal.gov/engineering/bidlist.html](http://www.huntsvilleal.gov/engineering/bidlist.html) Contractors will be responsible for costs of duplicating their own plans and can choose photocopying facility of their choice. Additionally, Contractors are responsible for checking website for any revisions/updates. Contractor is required to submit pricing, provided by the COH (Attachment "A") and made available for download from the Engineering website, on either a 3 1/2" floppy disk or CD-RW (preferably in a live/flash drive format) in the Excel format.

The bid disk or the CD-RW (preferably in a live/flash drive format) must be in working condition and included with original bid packet and reflect the correct revision, along with two signed hard copies. Failure to do so shall be cause for rejection of bid. If a price discrepancy is found on bid disk or CD-RW, printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail.

**E-VERIFY – NOTICE**

The Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30 (also known as and hereinafter referred to as "the Alabama Immigration Act") as amended by Act No. 2012-491 on May 16, 2012 is applicable to all competitively bid contracts with the City of Huntsville. As a condition for the award of a contract and as a term and condition of the contract with the City of Huntsville, in accordance with § 31-13-8 (a) of the Alabama Immigration Act, as amended, any business entity or employer that employs one or more employees shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. During the performance of the contract, such business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The business entity or employer shall assure that these requirements are included in each subcontract in accordance with §31-13-8(c). Failure to comply with these requirements may result in breach of contract, termination of the contract or subcontract, and possibly suspension or revocation of business licenses and permits in accordance with §31-13-8 (e) (1) & (2). Code of Alabama (1975) § 31-13-8 (k) requires that the following clause be included in all City of Huntsville contracts that have been competitively bid and is hereby made a part of this contract:

"By signing this contract the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom."

Contractor's E-Verify Memorandum of Understanding shall be a part of the contract bid documents and shall be submitted with the bid package.

**ALABAMA IMMIGRATION ACT (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975))**

Compliance with the requirements of the (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30, as amended by Alabama Act 2012-241, commonly referred to as the Alabama Immigration Law, is required for City of Huntsville, Alabama contracts that are competitively bid as a condition of the contract performance. The Contractor shall submit in the bid package, with the requested information included on the form, the "City of Huntsville, Alabama Report of Ownership Form" listed in the bid proposal as Attachment "H". The bidder selected for award of the contract may be required to complete additional forms relating to citizenship or alien status of the bidder and its employees, including e-verify information, prior to award of a contract.

**ATTACHMENT "F"**  
**SAMPLE FORM**  
**REQUEST FOR PAYMENT**  
**CITY OF HUNTSVILLE ENGINEERING DIVISION**

PROJECT NAME AND NUMBER:

ESTIMATE NUMBER: ONE (1) PERIOD FROM: 03/11/05 TO \_\_\_\_\_  
 CONTRACT DURATION 0 DAYS  
 START DATE: 03/11/05 END DATE: 3/11/05 TOTAL CONTRACT TIME (3) 0 DAYS

REFER TO COH SUPPLEMENT  
 TO GENERAL REQUIREMENTS:  
 CHANGE ORDERS - CHANGE  
 TO CONTRACTY TIME

|      |         |            |          |                         |          |
|------|---------|------------|----------|-------------------------|----------|
| TIME | C.O. #1 | DAYS ADDED | <u>0</u> | CONTRACT DAYS REMAINING | <u>0</u> |
| TIME | C.O. #2 | DAYS ADDED | <u>0</u> |                         |          |

TOTAL CONTRACT AMOUNT (1) AS AWARDED \$ 200,000.00 CURRENT \$ 200,000.00  
 C.O. #1 \$ \_\_\_\_\_  
 C.O. #2 \$ \_\_\_\_\_

TOTAL AMOUNT EARNED TO DATE LESS STORED MATERIALS (2) \$ \_\_\_\_\_

MATERIAL STORED (INVOICE ATTACHED) \$ \_\_\_\_\_

RETAINAGE (5%) OF 50% OF CONTRACT \$ \_\_\_\_\_

AMOUNT EARNED AFTER RETAINAGE \$ \_\_\_\_\_

LIQUIDATED DAMAGES PER DAY 300

LIQUIDATED DAMAGES ASSESSER TO DATE: \$ \_\_\_\_\_

**FOR QUESTIONS RELATED TO PAYMENT  
 CALCULATIONS, LIQUIDATED DAMAGES, AND  
 CHANGE ORDER REQUIREMENTS, PLEASE REFERENCE  
 YOUR CONTRACT  
 SUPPLEMENT TO GENERAL REQUIREMENTS SECTION  
 4. CHANGE ORDERS  
 12. PAYMENT.**

*Damages, if applicable, will automatically be calculated by  
 subtracting the contract end date from the longest period end date  
 and multiplying the days by the daily damages amount. Damages  
 will automatically be deducted from amounts otherwise due.*

TOTAL AMOUNT PREVIOUSLY APPROVED TO DATE: \$ \_\_\_\_\_

AMOUNT DUE THIS ESTIMATE WITHOUT LIQUIDATED DAMAGES \$ \_\_\_\_\_

A: % OF TIME ELAPSED: TIME ELAPSED TO DATE \_\_\_\_\_ DAYS =  
 TOTAL CONTRACT TIME (3) 0 DAYS  
 B: PROJECT COMPLETION: TOTAL EARNED TO DATE (2) \_\_\_\_\_ = 0%  
 TOTAL CONTRACT AMOUNT 200,000.00  
 C: PROGRESS OF WORK: B - A =

**CONTRACTORS CERTIFICATE**

I, the duly qualified, acting and authorized agent for the contractor on the above project, do hereby certify that we have performed all of the work set forth in said contract in accordance with the plans, specifications, laws and ordinances applicable thereto, and do further certify that all materials, labor and equipment listed herein have been paid for in full as allowed on all prior estimates and if requested to do so, we will show evidence of payment for the same in writing before the final payment of this estimate. We further certify that the amount received hereunder is considered an advance and final payment in full for all work performed under the contract, including any amendments thereto and, upon payment of said sum, hereby release the Owner, its employees, agents, and representatives in accordance with said contract. We further certify that we fully guarantee all work performed hereunder for a period of twelve months from the date of payment of the final estimate in accordance with the terms of our original contract and all amendments thereto, during which time all terms and conditions of the original contract document shall remain in full force and effect, including the Insurance Requirements, Hold Harmless Agreement, and Indemnifying Agreement as contained in said contract documents.

CERTIFIED FOR PAYMENT ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_

BY: \_\_\_\_\_ CONTRACTOR

TITLE \_\_\_\_\_

SIGNED: \_\_\_\_\_ WITNESS: \_\_\_\_\_ SIGNATURE

We have checked the quantities and extensions to this estimate, and to the best of our knowledge, the estimate is true and correct.

**APPROVED FOR PAYMENT**

BY: \_\_\_\_\_  
 CONSTRUCTION INSPECTOR

BY: SHANE DAVIS, CITY ENGINEER  
 OR RON ADAMS, DEPUTY CITY ENGINEER  
 OR LYNN MAJORS, ADMINISTRATIVE OFFICER

BY: \_\_\_\_\_  
 PROJECT ENGINEER

IF FINAL ESTIMATE, DATE WORK WAS  
 COMPLETED: \_\_\_\_\_

## **ATTACHMENT "G"**

**All vendors/contractors are required to submit a Federal Tax Form W-9 to City of Huntsville at the time a contract is awarded, unless vendor/contractor is already registered and doing business with the City. No payments of invoices can be made until this W-9 Tax Form has been properly submitted. A copy of the W-9 Tax Form can be obtained at the following website: [www.irs.ustreas.gov/pub/irs-pdf/tw9.pdf](http://www.irs.ustreas.gov/pub/irs-pdf/tw9.pdf)**

ATTACHMENT "H"

**CITY OF HUNTSVILLE, ALABAMA REPORT OF OWNERSHIP FORM**

**A. General Information.** Please provide the following information:

- Legal name(s) (Include "doing business as", if applicable): a corporation
- City of Huntsville current taxpayer identification number (if available): 4235  
(Please note that if this number has been assigned by the City and if you are renewing your business license, the number should be listed on the renewal form.)

**B. Type of Ownership.** Please complete the un-shaded portions of the following chart by checking the appropriate box below and entering the appropriate Entity I.D. Number, if applicable (for an explanation of what an entity number is, please see paragraph C below):

| Type of Ownership<br>(check appropriate box)                             | Entity I. D. Number<br>& Applicable State            |
|--------------------------------------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> Individual or Sole Proprietorship               | Not Applicable                                       |
| <input type="checkbox"/> General Partnership                             | Not Applicable                                       |
| <input type="checkbox"/> Limited Partnership (LP)                        | Number & State:                                      |
| <input type="checkbox"/> Limited Liability Partnership (LLP)             | Number & State:                                      |
| <input type="checkbox"/> Limited Liability Company (LLC) (Single Member) | Number & State:                                      |
| <input type="checkbox"/> LLC (Multi-Member)                              | Number & State:                                      |
| <input checked="" type="checkbox"/> Corporation                          | Number & State:<br>157-604 Alabama                   |
| <input type="checkbox"/> Other, please explain:                          | Number & State (if a filing entity under state law): |

**C. Entity I.D. Numbers.** If an Entity I.D. Number is required and if the business entity is registered in this state, the number is available through the website of Alabama's Secretary of State at [www.sos.state.al.us](http://www.sos.state.al.us), under "Government Records". If a foreign entity is not registered in this state please provide the Entity I.D. number (or other similar number by whatever named called) assigned by the state of formation along with the name of the state.

**D. Formation Documents.** Please note that, with regard to entities, the entity's formation documents, including articles or certificates of incorporation, organization, or other applicable formation documents, as recorded in the probate records of the applicable county and state of formation, are not required unless: (1) specifically requested by the City, or (2) an Entity I.D. Number is required and one has not been assigned or provided.

Please date and sign this form in the space provided below and either write legibly or type your name under your signature. If you are signing on behalf of an entity please insert your title as well.

Signature: [Signature] Title (if applicable): Vice President

Type or legibly write name: David L. Harris Date: May 30, 2013

Company ID Number: 109504

THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION

MEMORANDUM OF UNDERSTANDING

**ARTICLE I**

**PURPOSE AND AUTHORITY**

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Social Security Administration (SSA), the Department of Homeland Security (DHS) and **Reed Contracting Services Inc.** (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). E-Verify is a program in which the employment eligibility of all newly hired employees will be confirmed after the Employment Eligibility Verification Form (Form I-9) has been completed.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note).

**ARTICLE II**

**FUNCTIONS TO BE PERFORMED**

**A. RESPONSIBILITIES OF THE SSA**

1. Upon completion of the Form I-9 by the employee and the Employer, and provided the Employer complies with the requirements of this MOU, SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all newly hired employees and the employment authorization of U.S. citizens.
2. The SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. The SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. The SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by the SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).
4. SSA agrees to establish a means of automated verification that is designed (in conjunction with DHS's automated system if necessary) to provide confirmation or tentative nonconfirmation of U.S. citizens' employment eligibility and accuracy of SSA records for both citizens and aliens within 3 Federal Government work days of the initial inquiry.

Company ID Number: 109504

5. SSA agrees to establish a means of secondary verification (including updating SSA records as may be necessary) for employees who contest SSA tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of U.S. citizens' employment eligibility and accuracy of SSA records for both citizens and aliens within 10 Federal Government work days of the date of referral to SSA, unless SSA determines that more than 10 days may be necessary. In such cases, SSA will provide additional verification instructions.

**B. RESPONSIBILITIES OF THE DEPARTMENT OF HOMELAND SECURITY**

1. Upon completion of the Form I-9 by the employee and the Employer and after SSA verifies the accuracy of SSA records for aliens through E-Verify, DHS agrees to provide the Employer access to selected data from DHS's database to enable the Employer to conduct:

- Automated verification checks on newly hired alien employees by electronic means, and
- Photo verification checks (when available) on newly hired alien employees.

2. DHS agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.

3. DHS agrees to provide to the Employer a manual (the E-Verify Manual) containing instructions on E-Verify policies, procedures and requirements for both SSA and DHS, including restrictions on the use of E-Verify.. DHS agrees to provide training materials on E-Verify.

4. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in the E-Verify program. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, and U.S. Department of Justice.

5. DHS agrees to issue the Employer a user identification number and password that permits the Employer to verify information provided by alien employees with DHS's database.

6. DHS agrees to safeguard the information provided to DHS by the Employer, and to limit access to such information to individuals responsible for the verification of alien employment eligibility and for evaluation of the E-Verify program, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security Numbers and employment eligibility, to enforce the Immigration and Nationality Act and federal criminal laws, and to ensure accurate wage reports to the SSA.

7. DHS agrees to establish a means of automated verification that is designed (in conjunction with SSA verification procedures) to provide confirmation or tentative nonconfirmation of employees' employment eligibility within 3 Federal Government work days of the initial inquiry.

Company ID Number: 109504

8. DHS agrees to establish a means of secondary verification (including updating DHS records as may be necessary) for employees who contest DHS tentative nonconfirmations and photo non-match tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

### **C. RESPONSIBILITIES OF THE EMPLOYER**

1. The Employer agrees to display the notices supplied by DHS in a prominent place that is clearly visible to prospective employees.
2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted regarding E-Verify.
3. The Employer agrees to become familiar with and comply with the E-Verify Manual.
4. The Employer agrees that any Employer Representative who will perform employment verification queries will complete the E-Verify Tutorial before that individual initiates any queries.
  - A. The employer agrees that all employer representatives will take the refresher tutorials initiated by the E-Verify program as a condition of continued use of E-Verify.
  - B. Failure to complete a refresher tutorial will prevent the employer from continued use of the program.
5. The Employer agrees to comply with established Form I-9 procedures, with two exceptions:
  - If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2 (b) (1) (B)) can be presented during the Form I-9 process to establish identity).
  - If an employee presents a DHS Form I-551 (Permanent Resident Card) or Form I-766 (Employment Authorization Document) to complete the Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The employer will use the photocopy to verify the photo and to assist the Department with its review of photo non-matches that are contested by employees. Note that employees retain the right to present any List A, or List B and List C, documentation to complete the Form I-9. DHS may in the future designate other documents that activate the photo screening tool.
6. The Employer understands that participation in E-Verify does not exempt the Employer from the responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, except for the following modified requirements applicable by reason of the Employer's participation in E-Verify: (1) identity documents must have photos, as described in paragraph 5 above; (2) a

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rebuttable presumption is established that the Employer has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of any individual if it obtains confirmation of the identity and employment eligibility of the individual in compliance with the terms and conditions of E-Verify ; (3) the Employer must notify DHS if it continues to employ any employee after receiving a final nonconfirmation, and is subject to a civil money penalty between \$500 and \$1,000 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) the Employer is subject to a rebuttable presumption that it has knowingly employed an unauthorized alien in violation of section 274A(a)(1)(A) if the Employer continues to employ any employee after receiving a final nonconfirmation; and (5) no person or entity participating in E-Verify is civilly or criminally liable under any law for any action taken in good faith on information provided through the confirmation system. DHS reserves the right to conduct Form I-9 compliance inspections during the course of E-Verify, as well as to conduct any other enforcement activity authorized by law.

7. The Employer agrees to initiate E-Verify verification procedures within 3 Employer business days after each employee has been hired (but after both sections 1 and 2 of the Form I-9 have been completed), and to complete as many (but only as many) steps of the E-Verify process as are necessary according to the E-Verify Manual. The Employer is prohibited from initiating verification procedures before the employee has been hired and the Form I-9 completed. If the automated system to be queried is temporarily unavailable, the 3-day time period is extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability. In all cases, the Employer must use the SSA verification procedures first, and use DHS verification procedures and photo screening tool only after the the SSA verification response has been given.

8. The Employer agrees not to use E-Verify procedures for pre-employment screening of job applicants, support for any unlawful employment practice, or any other use not authorized by this MOU. The Employer must use E-Verify for all new employees and will not verify only certain employees selectively. The Employer agrees not to use E-Verify procedures for re-verification, or for employees hired before the date this MOU is in effect. The Employer understands that if the Employer uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and the immediate termination of its access to SSA and DHS information pursuant to this MOU.

9. The Employer agrees to follow appropriate procedures (see Article III.B. below) regarding tentative nonconfirmations, including notifying employees of the finding, providing written referral instructions to employees, allowing employees to contest the finding, and not taking adverse action against employees if they choose to contest the finding. Further, when employees contest a tentative nonconfirmation based upon a photo non-match, the Employer is required to take affirmative steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

10. The Employer agrees not to take any adverse action against an employee based upon the employee's employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1 (1)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification to verify work authorization, a tentative nonconfirmation, or the finding of

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a photo non-match, does not mean, and should not be interpreted as, an indication that the employee is not work authorized. In any of the cases listed above, the employee must be provided the opportunity to contest the finding, and if he or she does so, may not be terminated or suffer any adverse employment consequences until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo non-match, then the Employer can find the employee is not work authorized and take the appropriate action.

11. The Employer agrees to comply with section 274B of the INA by not discriminating unlawfully against any individual in hiring, firing, or recruitment or referral practices because of his or her national origin or, in the case of a protected individual as defined in section 274B(a)(3) of the INA, because of his or her citizenship status. The Employer understands that such illegal practices can include selective verification or use of E-Verify, discharging or refusing to hire eligible employees because they appear or sound "foreign", and premature termination of employees based upon tentative nonconfirmations, and that any violation of the unfair immigration-related employment practices provisions of the INA could subject the Employer to civil penalties pursuant to section 274B of the INA and the termination of its participation in E-Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-7688 or 1-800-237-2515 (TDD).
12. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.
13. The Employer agrees that it will use the information it receives from the SSA or DHS pursuant to E-Verify and this MOU only to confirm the employment eligibility of newly-hired employees after completion of the Form I-9. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords) to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU.
14. The Employer acknowledges that the information which it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a (i) (1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)), and that any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.
15. The Employer agrees to allow DHS and SSA, or their authorized agents or designees, to make periodic visits to the Employer for the purpose of reviewing E-Verify -related records, i.e., Forms I-9, SSA Transaction Records, and DHS verification records, which were created during the Employer's participation in the E-Verify Program. In addition, for the purpose of evaluating E-Verify, the Employer agrees to allow DHS and SSA or their authorized agents or designees, to interview it regarding its experience with E-Verify, to interview employees hired during E-Verify use concerning their experience with the pilot, and to make employment and E-Verify related records available to DHS and the SSA, or their designated agents or designees. Failure to comply with the terms of this paragraph may lead DHS to terminate the Employer's access to E-Verify.

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**ARTICLE III**

**REFERRAL OF INDIVIDUALS TO THE SSA AND THE DEPARTMENT OF  
HOMELAND SECURITY**

**A. REFERRAL TO THE SSA**

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation.
2. The Employer will refer employees to SSA field offices only as directed by the automated system based on a tentative nonconfirmation, and only after the Employer records the case verification number, reviews the input to detect any transaction errors, and determines that the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security Number to SSA for verification again if this review indicates a need to do so. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.
3. If the employee contests an SSA tentative nonconfirmation, the Employer will provide the employee with a referral letter and instruct the employee to visit an SSA office to resolve the discrepancy within 8 Federal Government work days. The Employer will make a second inquiry to the SSA database using E-Verify procedures on the date that is 10 Federal Government work days after the date of the referral in order to obtain confirmation, or final nonconfirmation, unless otherwise instructed by SSA or unless SSA determines that more than 10 days is necessary to resolve the tentative nonconfirmation..
4. The Employer agrees not to ask the employee to obtain a printout from the Social Security Number database (the Numident) or other written verification of the Social Security Number from the SSA.

**B. REFERRAL TO THE DEPARTMENT OF HOMELAND SECURITY**

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must print the tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation.
2. If the Employer finds a photo non-match for an alien who provides a document for which the automated system has transmitted a photo, the employer must print the photo non-match tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the finding.
3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation received from DHS automated verification process or when

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the Employer issues a tentative nonconfirmation based upon a photo non-match. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will provide the employee with a referral letter and instruct the employee to contact the Department through its toll-free hotline within 8 Federal Government work days.

5. If the employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will provide the employee with a referral letter to DHS. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will send a copy of the employee's Form I-551 or Form I-766 to DHS for review by:

- Scanning and uploading the document, or
- Sending a photocopy of the document by an express mail account (furnished and paid for by DHS).

7. The Employer understands that if it cannot determine whether there is a photo match/non-match, the Employer is required to forward the employee's documentation to DHS by scanning and uploading, or by sending the document as described in the preceding paragraph, and resolving the case as specified by the Immigration Services Verifier at DHS who will determine the photo match or non-match.

#### **ARTICLE IV**

##### **SERVICE PROVISIONS**

The SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access the E-Verify System, an Employer will need a personal computer with Internet access.

#### **ARTICLE V**

##### **PARTIES**

This MOU is effective upon the signature of all parties, and shall continue in effect for as long as the SSA and DHS conduct the E-Verify program unless modified in writing by the mutual consent of all parties, or terminated by any party upon 30 days prior written notice to the others. Any and all system enhancements to the E-Verify program by DHS or SSA, including but not limited to the E-Verify checking against additional data sources and instituting new verification procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes. DHS agrees to train employers on all changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify manual. Even

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without changes to E-Verify, the Department reserves the right to require employers to take mandatory refresher tutorials.

Termination by any party shall terminate the MOU as to all parties. The SSA or DHS may terminate this MOU without prior notice if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established procedures or legal requirements. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as they may determine.

Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.

Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.

The employer understands that the fact of its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to, Congressional oversight, E-Verify publicity and media inquiries, and responses to inquiries under the Freedom of Information Act (FOIA).

The foregoing constitutes the full agreement on this subject between the SSA, DHS, and the Employer.

The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively.

**To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify Operations at 888-464-4218.**

**Employer Reed Contracting Services Inc.**

**Paul I Moore**

\_\_\_\_\_  
Name (Please type or print)

\_\_\_\_\_  
Title

*Electronically Signed*

**03/26/2008**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Department of Homeland Security – Verification Division**

Company ID Number: 109504

**USCIS Verification Division**

\_\_\_\_\_  
Name (Please type or print)

\_\_\_\_\_  
Title

*Electronically Signed*

\_\_\_\_\_  
03/26/2008

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



**SUPPLEMENT TO GENERAL REQUIREMENTS**  
**FOR**  
**CONSTRUCTION OF PUBLIC IMPROVEMENTS**  
**MARTIN ROAD ON REDSTONE ARSENAL**  
**PROJECT NO. 65-10-RD09**  
**CITY OF HUNTSVILLE, ALABAMA**

## **SUPPLEMENT TO GENERAL REQUIREMENTS**

### **1. GENERAL**

The attention of all bidders is called to Code of Alabama §§ 34-8-1 and 34-8-2 (1975) AND 34-8-1, 34-8-2, 34-8-4, 34-8-6, 34-8-7, 34-8-8 AND 34-8-9 (AMENDED 1996) setting forth the definition of general contractor and the licensing procedures and requirements for state licensing. No one is entitled to bid and no contract may be awarded to anyone who does not possess a valid general contractor's license and the required classification for the municipal type work to be performed. The general contractor's State of Alabama license and classification must appear on the outside of the bid envelope along with the general contractor's name and address, project name and number and date and time of bid opening. Failure to provide this will be cause to reject the bid.

In determining the successful bidder, the Owner will consider in addition to the bid prices, such responsibility factors as characteristics and responsibility, skill, experience, record of integrity in business, and of performance offered and past record of performance on Owner contracts on other similar projects. Any other factors not specifically mentioned or provided for herein, in addition to that of the bid price which would affect the final cost to the Owner, will be taken into consideration in making award of contract. The right is reserved to reject any bid where investigation of the business and technical organization of the bidder available for the contemplated work, including financial resources, equipment, and experience on similar projects does not satisfy the Owner that such bidder is qualified to perform the work. The City Council of the City of Huntsville reserves the right to reject any and all bids and to waive informalities.

Separate sealed bids for the construction of this project shall be accompanied by Bid Bond in the amount of five percent (5%) of the amount of the bid not to exceed \$10,000.00. Quantities are known as Attachment "A". No bidder may withdraw his bid within ninety (90) days after the actual date of opening. These specifications, the supplemental specifications, the plans, special provisions and all supplementary documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, calculated dimensions, unless obviously incorrect, shall govern over scaled dimensions. Supplemental Specifications shall govern over the Standard Specifications for Construction of Public Improvements Contract Projects. Plans shall govern over Standard Specifications for Construction of Public Improvements Contract Projects. Special Provisions shall govern over Standard Specifications for Construction of Public Improvements Contract Projects, Supplemental Specifications, and Plans. All bid openings and any scheduled pre-bid conferences are open to the public and will be held in the Public Services Conference Room on the 1st Floor at 320 Fountain Circle, Huntsville, Alabama, unless otherwise noted.

All references to OWNER shall mean City of Huntsville, Alabama. All references to City Engineer shall mean OWNER.

### **2. PROPOSAL PREPARATION**

(A) Proposal Form. The bidder's proposal must be submitted on the complete original proposal form furnished him by the City. Unless otherwise provided in the proposal, joint venturers may submit a proposal for a joint venture of qualified bidders on a proposal form issued to one of them, provided each venturer has taken out a proposal and provided the proposal is signed by each co-venturer.

(B) Details. On the proposal form, the bidder shall enter in numbers a unit price and the extended amount bid (unit price x quantity) in the appropriate column for each bid item, exclusive of those items for which a fixed contract unit price and extension amount are shown. On lump sum items an entry shall be shown in the amount bid column. If a bidder wishes to bid an item free, then he shall enter 0 (zero) in both the unit price column and amount bid column. After all extensions are made, the bidder shall total the extended amounts of the bid items and show his total bid amount in the appropriate place on the proposal form. All figures shall be legibly shown in ink or typed. Any interlineation, erasure or other alteration of a figure shall be initialed by the signer of the proposal. The City will check the extension of each item given in the proposal and correct all errors and discrepancies. In case of a discrepancy between a unit bid price and the extension amount, the unit price shall govern. The sum of the extension amounts will be the contract bid price. The undersigned bidder further understands that any deletions or additions designated on the outside of the bid envelope, must indicate the particular bid item relative to the deletion or addition, even if the deletion or addition references to deduct or add to the Total Base Bid.

(C) Signing. The bidder's proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, or by one or more officers of a corporation or by an agent of the Contractor legally qualified and acceptable to the City. If the proposal is made by an individual, his name and post office address must be shown; by a partnership, the name and post office address of each partnership member must be shown; as a joint venture, the name and post office address of each member or officer of the firms represented by the joint venture must be shown; by a corporation, the name of the corporation and the business address of its corporate officials must be shown. The proposal bid bond, if bid bond is tendered, shall be properly signed by the bidder and the surety.

(D) Irregular Proposals. Proposals will be considered irregular and will be rejected if they contain any omissions, alteration of form, additions not called for, incomplete bids (includes failure to enter a unit bid price on a bid item or, in the case of an alternate, the alternate being bid by the Contractor), interlineations, erasures or alterations not initialed by the person signing the proposal, or other irregularities of any kind.

Bids that are not signed will be considered non-responsive and will be rejected. No proposal will be opened that does not contain the contractor's Alabama State license number. Proposals may be rejected at any time prior to the execution of the contract. Any bidder using the same or different names for submitting more than one proposal upon any project will be disqualified from further consideration on that project.

(E) Delivery of Proposals. Each proposal for each contract shall be placed, together with the proposal guaranty, in a sealed envelope on the outside of which is written in large letters "Proposals for Work" and so marked as to indicate the project name, project number, bidder name, and State license number. Proposals will be received by the OWNER or his representative unless otherwise provided until the hour and date set in the notice to Contractors for the opening thereof. No proposal will be considered which has not been received prior to the hour and date set for the opening of bids. Proposals received after that time will be returned. No proposal will be opened that does not contain the contractor's Alabama State license number.

### **3. QUANTITIES**

The undersigned bidder understands that when unit prices are called for, the quantities shown herein are approximate only and are subject to increase or decrease, and offers to do the work whether the quantities are increased, or decreased, at the unit prices stated in the proposal. Any substantial changes requiring an increase must be approved by change order prior to work and authorized by City Council Action. The undersigned bidder also understands that when lump sum bids are called for, he will be required to furnish all equipment, labor, material and other items or cost to construct a complete facility. See Attachment "A" - Bid Quantities or revised Attachment if quantities have changed after pre-bid meeting.

### **4. CHANGE ORDERS**

#### **(A) Changes in the Work**

Without invalidating the agreement, the owner may, at any time or from time to time, order additions, deletions or revisions in the work; these will be authorized by change orders. Upon receipt of a change order, the contractor will proceed with the work involved. All such work shall be executed under the applicable conditions of the contract documents. A change order signed by the contractor indicates his agreement.

The OWNER may authorize minor changes or alterations in the work not involving extra cost and not inconsistent with the overall intent of the contract documents. These may be accomplished by a field order.

Additional work performed by the contractor without authorization of a change order will not entitle him to an increase in the contract price or an extension of the contract time, except in the case of an emergency.

The owner will execute appropriate change orders prepared by the engineer covering changes in the work to be performed and work performed in an emergency and any other claim of the contractor for a change in the contract time or the contract price which shall be approved by the OWNER.

It is the contractor's responsibility to notify his surety of any changes affecting the general scope of the work or change in the contract price and the amount of the applicable bonds shall be adjusted accordingly. The contractor will furnish proof of such adjustment to the owner.

#### **(B) Change of Contract Price.**

The contract price may only be changed by a change order. Any claim for additional compensation shall be based on written notice delivered to the Owner and Engineer within ten (10) days of the occurrence of the event giving rise to the claim. Notice of the extent of the claim with supporting data shall be delivered within forty-five (45) days of such occurrence unless OWNER allows an additional period of time to ascertain more accurate data. The contract price constitutes the total compensation payable to the contractor for performing the work. All duties, responsibilities and obligations assigned to or undertaken by the contractor shall be at his expense without changing the contract price. The owner may at any time without notice to the sureties, by written order designated or indicated to be a change order, make any change in the work within the general scope of the contract, including but not limited to changes: (1) in the specifications (including drawings and designs); (2) in the method or manner of performance of the work; (3) in the owner-furnished facilities, equipment, materials, services, or site; or (4) directing acceleration in the performance of the work. Any other written order or an oral order from the owner which causes any such change, shall be treated as a change order under this clause, provided that the contractor gives the owner written notice stating the date, circumstances, and source of the order and that the contractor regards the order as a change order.

#### **(C) Change in the Contract Time.**

The contract time may only be changed by a change order. Any claim for an extension in the contract time shall be based on written notice delivered to the owner and engineer within ten (10) days of the occurrence of the event giving rise to the claim. Notice of the extent of the claim with supporting data shall be delivered within forty-five (45) days of such occurrence unless OWNER allows an additional period of time to ascertain more accurate data.

All claims for adjustment in the contract time shall be determined by OWNER if owner and contractor cannot otherwise agree. Any change in the contract time resulting from any such claim shall be incorporated in a change order. The contract time will be extended in an amount equal to time lost due to delays beyond the control of contractor if he makes a claim as provided above. Such delays shall include, but not be restricted to, acts or neglect by any separate contractor employed by owner, fires, floods, labor disputes, epidemics, abnormal weather conditions, or acts of God.

All time limits stated in the contract documents are of the essence of the agreement. The provisions shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party. No claim for delay shall be allowed because of failure to furnish drawings until two weeks after demand for such drawings and not then unless such claim be reasonable.

**(D) Time extension for abnormal weather conditions**

In order for the owner to award a time extension for abnormal weather, the following conditions must be satisfied:

1. The weather experienced at the project site during the contract period must be found to be unusually severe, that is, more severe than the adverse weather anticipated for the project location during any given month.
2. The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without fault or negligence of the contractor.

The following table of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) and similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's normal progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities. The contractor's bid shall include the impact of the anticipated lost days in his quotation for the time he is to be on site.

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 11  | 8   | 6   | 4   | 4   | 5   | 6   | 4   | 4   | 3   | 4   | 8   |

Actual adverse weather delay days must prevent work on critical activities for 50% or more of the contractor's scheduled work day before it is considered a weather delay day.

**5. MAINTAIN OFFICE**

The successful contractor shall establish an office in Huntsville, Alabama, with telephone service, and shall maintain close liaison with the OWNER.

**6. SUBCONTRACTORS**

The prime contractor shall be responsible for all work covered under the executed contract; therefore, this responsibility cannot be shifted by subcontracting the work to others. All subcontractors shall be approved by the OWNER and shall be properly licensed as required by Alabama State Law. (Code of Alabama §§ 34-8-1 and 34-8-2 (1975) AND 34-8-1, 34-8-2, 34-8-4, 34-8-6, 34-8-7, 34-8-8 AND 34-8-9 (AMENDED 1996)) A list of all subcontractors proposed for use on the project shall be provided to the OWNER at the time that bids are received. This document will be known as ATTACHMENT "C". Lien waivers will be required from all subcontractors at the time of submittal of the final payment request. Contractor shall keep the "Subcontractor's Listing" updated throughout the project duration and submit a copy of the listing with the request for final payment. Noncompliance with this request may cause delay in payment to the Contractor.

All subcontractors must be approved in writing by Owner. If the subs listed on Attachment "C" are approved by the Owner, you will be notified in your notice to proceed. Any additional subcontractors needed during the contract period shall be approved by written letter from the Owner. See Section 39 for Correction to City of Huntsville Standards Specifications for Construction.

**7. BID BOND**

Accompanying this proposal is a certified check or original signed, dated and sealed bid bond in the amount of not less than five percent (5%) of the total amount shown on the schedule of prices, not exceeding \$10,000.00 dollars, payable to the City of Huntsville, Alabama, which is to be forfeited, as liquidated damages, if, in the event that his proposal is accepted, the undersigned shall fail to execute the contract and furnish a satisfactory contract bond under the conditions and within the time specified in this proposal; otherwise, said certified check or bid bond is to be returned to the undersigned.

**8. N/A**

## **9. LIABILITY INSURANCE (SEE ALSO ATTACHED INSURANCE FOR CONTRACTORS, WHICH IS SHOWN AS SECTION 24.)**

The Contractor shall provide and maintain comprehensive general public liability insurance protecting the Contractor and the City against claims arising out of or resulting from the Contractor's operation under his contract for personal injury or property damage with minimum combined single limits of \$1,000,000, whether such operations are performed by himself, or by anyone directly or indirectly employed by them. In addition, a copy of the policy may be requested upon award. Certificates of insurance acceptable to the City shall be filed with the City prior to commencement of work and said certificate shall provide that policies will not be altered or canceled until at least 30 days prior written notice has been given to the City.

The Contractor shall indemnify and hold the OWNER, its officers and employees harmless from any suits, claims, demands, damages, liabilities, costs and expenses including reasonable attorney's fees, arising out of or resulting from the performance of the work. Certificates of insurance are required naming the City as the Certificate Holder. The Certificates should reflect the insurance coverage required herein. The Certificates are to be signed by a person authorized by the insurer to bind coverage on its behalf and must be an original signature. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. The Certificates must indicate coverage will not be canceled or non-renewed except after thirty (30) days prior written notice to the City at the following address: City of Huntsville, P.O. Box 308, Huntsville, Alabama 35804, Attention: Penny Kelly.

## **10. LICENSES AND CLASSIFICATIONS**

In order to receive the award of this contract, the Contractor shall be required to possess a valid general contractor's license in accordance with Code of Alabama §§34-8-2 (1975) and (1996 amended) Code of Alabama as stated in Section 1 above. This general contractor's license shall be a State of Alabama general contractor's license and shall be maintained throughout the term of this contract. A valid City of Huntsville license shall also be maintained throughout the term of this contract.

The required classification for this project is stated in the Notice to Contractors also known as Attachment "E".

## **11. PERMITS**

Additionally, the contractor shall be required to obtain and pay for all other federal, state or local permits, licenses, and fees which may be necessary or required in order to perform the work detailed herein. A City of Huntsville Contractor's License must be obtained from the City of Huntsville Inspection Department at the time signatures are obtained on contracts. A copy of City of Huntsville license shall be provided to the OWNER at the time the contract is executed.

## **12. PAYMENT**

The OWNER agrees to pay the Contractor as follows: Once each month per project. The OWNER shall make partial payment to the Contractor on the basis of duly certified and approved estimates of the work performed during the preceding month by the Contractor, less five percent (5%) of the amount of such estimate, which is to be retained by the City until all of the work has been performed. Owner reserves the right to withhold payments for, but not limited to: a) defective work not remedied or defective materials not removed from site; b) claims filed, or reasonable evidence indicating imminent filing of claims against the Contractor; c) failure of the Contractor to make payments properly to subcontractors for labor, materials and equipment; d) a reasonable doubt that the Contract can be completed for the balance then unpaid; e) damage to another Contractor; f) performance of work in violation of the terms of the Contract; g) expiration of Contract time. Liquidated damages will be deducted from all invoices when the invoice estimate period end date is later than the contract completion date. All pay requests will be submitted by hard copy and on disk. The hard copy will be printed from the disk. A sample copy of the invoice is attached as Attachment "F". The OWNER will provide the disk to the contractor. Two originals and two copies of the invoices are required before payment will be made. The disk should be submitted each month, along with the originals and copies, to the Administrative Officer in the Engineering Department. No further retainage will be held after fifty percent (50%) of the contract is complete. All payments to Contractor will be made as soon as practical after the approval and finance processes have been completed. SEE SECTION 32 FOR INFORMATION ON FINAL PAYMENT.

## **13. N/A**

## **14. EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, and SITE WORK**

Before submitting a proposal, bidders shall examine carefully the site of the proposed work, the general and local conditions, the proposal form, standard specifications, supplemental specifications, special provisions, all addenda, and the bid bond form, and it is mutually agreed that the submission of a proposal shall be prima facie evidence that the bidder has made such examination and has judged for and satisfied himself as to the conditions to be encountered in performing the work, and to the requirements of plans, standard specifications, supplemental specifications, special provisions, contract, and bonds. No adjustments or compensation will be allowed for losses caused by failure to comply with this requirement. Boring logs and other records of subsurface investigations may be available for inspection by bidders. Bidders shall request such records if they are not otherwise provided with bid documents.

If available, it is understood that such information was obtained and is intended for the City of Huntsville's design and estimating purposes only. It is made available to bidders that they may have access to identical subsurface information available to the City, and is not intended as a substitute for personal investigation, interpretations and judgment of the bidders. Bidders are advised that the City disclaims responsibility for any opinions, conclusions, interpretations, or deductions that may be expressed or implied in any of the information presented or made available to bidders; it being expressly understood that the making of deductions, interpretations, and conclusions from all of the accessible factual information is the bidder's sole responsibility.

The Contractor shall have a continuing duty to read, carefully study and compare each of the Contract Documents, the Shop Drawings, and the Product Data and shall give written notice to the Owner of any inconsistency, ambiguity, or error omission which the Contractor may discover with respect to these documents before proceeding with the affected work. The issuance or the express or implied approval by the Owner or the Engineer of the Contract Documents, Shop Drawings, or Product Data shall not relieve the Contractor of the continuing duties imposed hereby, nor shall any such approval be evidence of the Contractor's compliance with this Contract. The Owner has requested the Engineer to only prepare documents for the Project, including drawings and specs for the project which are accurate, adequate, consistent, coordinated and sufficient for construction. HOWEVER, the OWNER MAKES NO REPRESENTATION OR WARRANTY OF ANY NATURE WHATSOEVER TO THE CONTRACTOR CONCERNING SUCH DOCUMENTS. By the execution hereof, the Contractor acknowledges and represents that it has received, reviewed, and carefully examined such documents, has found them to be complete, accurate, adequate, consistent, coordinated and sufficient for construction, and that the Contractor has not, does not, and will not, rely upon any representation or warranties by the Owner concerning such documents as no such representation or warranties have been or are hereby made.

**15. INCLUSIONS TO CONTRACT**

The parties further agree that the advertisement for bids, instructions to bidders, contractor's proposal, plans and specifications, general requirements, supplement to general requirements and general terms and conditions, together with any addenda thereto, made prior to submission of the contractor's proposal and all modifications agreed to by the parties and issued after the execution of this contract are a part of this contract as if fully set out herein.

**16. COMMENCEMENT OF WORK**

It is further understood and agreed that the Contractor shall commence work to be performed under this contract within fifteen (15) days from the date of this contract, unless otherwise instructed in writing by the OWNER. All work shall be carried on continuously to completion.

**17. CONTRACT TIME**

All work is to be completed within the allotted time of the original contract, which is stated in the bid proposal documents, unless a valid change order has been issued which alters the contract time period.

**18. LIQUIDATED DAMAGES**

It is further understood and agreed by and between the parties to this contract, that in the event the work to be performed under this contract is not completed at the expiration of the contract time, then, and in that event, the Contractor shall pay to the City the amounts per calendar day by the schedule shown in the schedule in the City of Huntsville Standard Specifications, Section 80.11 - "Schedule of Liquidated Damages" for each day thereafter until such work is completed. The City will deduct said sum or sums from any money due the Contractor under this contract for any and all invoices submitted after the contract due date. (See Section 12.). Attachment "F" - Sample of Request for Payment with Liquidated Damages shall become a part of the contract documents. Liquidated damages will be deducted from all invoices when the invoice estimate period end date is later than the contract completion date.

**Section 80.11 - "Schedule of Liquidated Damages" has been amended as follows effective 2/1/11 and revised in COH specifications 3/7/11:**

| Original Contract Amount |                  | Liquidated Damages Daily Charge |          |
|--------------------------|------------------|---------------------------------|----------|
| More Than                | To and Including | Calendar Day or Fixed Date      | Work Day |
| \$ 0                     | \$ 100,000       | \$ 200                          | \$ 400   |
| \$ 100,000               | \$ 500,000       | \$ 550                          | \$ 1,100 |
| \$ 500,000               | \$ 1,000,000     | \$ 900                          | \$ 1,800 |
| \$ 1,000,000             | \$ 2,000,000     | \$ 1,350                        | \$ 2,700 |
| \$ 2,000,000             | .....            | \$ 1,550                        | \$ 3,100 |

When the contract time is on the calendar day or date basis, the schedule for calendar days shall be used. When the contract time is on a work day basis, the schedule for work days shall be used.

Amounts in accordance with ALDOT and COH specifications and is based on contract amount before Change Orders.

#### **19. STORAGE OF MATERIALS**

The Contractor shall not permit the storage of materials on or use of any property outside the right-of-way easement or property identified as the project site.

#### **20. TRAFFIC FLOW**

The Contractor shall be responsible for the uninterrupted, orderly and safe flow of traffic around, on, over or across the project site.

#### **21. TERMINATION FOR CONVENIENCE**

A. The City may for any reason whatever terminate performance under this Contract in whole or in part by the Contractor for convenience. The City shall give written notice of such termination to the Contractor specifying when the full or partial termination becomes effective.

B. The Contractor shall incur no further obligations in connection with the Work and the Contractor shall stop Work when such termination becomes effective. The Contractor shall also terminate outstanding orders and subcontracts and shall not purchase any additional supplies, equipment or materials for the Work, and shall make every effort to mitigate the costs of termination. The Contractor shall settle the liabilities and claims arising out of their termination of subcontracts and orders. The City may direct the Contractor to assign the contractor's right, title and interest under terminated orders or subcontracts to the City or its designee and may direct the Contractor to take steps to preserve the Work in place at the time of the termination.

C. The Contractor shall transfer title and deliver to the Owner such completed Work and materials, equipment, parts, fixtures, information and Contract rights as the Contractor has.

D. (1) The Contractor shall submit a termination claim to the City and the Consultant specifying the amounts due because of the termination for convenience together with costs, pricing or other data required by the City. If the Contractor fails to file a termination claim within six (6) months from the effective date of termination, the owner shall pay the Contractor, an amount derived in accordance with subparagraph (3) below.

(2) The City and the Contractor may agree to the compensation, if any, due to the Contractor hereunder.

(3) Absent agreement to the amount due to the Contractor, the City shall pay the Contractor the following amounts:

(a) Contract prices for labor, materials, equipment and other services accepted under this Contract.

(b) Reasonable costs incurred in preparing to perform and in performing the terminated portion of the work, and in terminating the Contractor's performance, plus a fair and reasonable allowance for overhead and profit thereon (such profit shall not include anticipated profit or consequential damages); provided, however, that if it appears that the Contractor would not have profited or would have sustained a loss if the entire Contract would have been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss, if any. Costs incurred in performing the terminated portion of the work must have been incurred prior to the effective date of the termination.

(c) Reasonable costs of settling and paying claims arising out of the termination of subcontracts or orders pursuant to Paragraph B of this clause. These costs shall not include amounts paid in accordance with other provisions hereof.

The Total Sum to be paid the Contractor under this clause shall not exceed the total Contract Price, as properly adjusted, reduced by the amount of payments otherwise made, and shall in no event include duplication of payment.

The Owner specifically reserves the right to convert a termination for convenience into a termination for cause within one (1) year after the effective date of the termination for convenience, in the event that the Owner becomes aware of circumstances or conditions with regards to the Work that would have warranted the Owner terminating for default, had those circumstances or conditions been properly known by the Owner, at the time of the termination for convenience.

The Owner may, upon written notice to the Contractor of its intention to convert the termination for convenience to a termination for cause. Initiate the termination for cause procedures at that time, as set forth in the Performance Bond, and the termination for convenience shall then be converted to a termination for cause.

## **22. TERMINATION FOR CAUSE**

- A. If the Contractor persistently or repeatedly refuses or fails to prosecute the work in a timely manner, supply enough properly skilled workers, supervisory personnel or proper equipment or material, or if it fails to make prompt payment to Subcontractors or for materials or labor, or persistently disregards laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction, or otherwise is guilty of a substantial violation of a material provision of this Contract, then the Owner may, by written notice to the Contractor, without prejudice to any other right or remedy, terminate the employment of the Contractor and take possession of the site and of all materials, equipment, tools, construction equipment, and machinery thereon owned by the Contractor and may finish the Work by whatever methods it may deem expedient. In such case, the Contractor shall not be entitled or receive any further payment until the Work is finished.
- B. If the unpaid balance of the Contract Price exceeds the cost of finishing the work, including compensation for the additional professional services and expenses made necessary thereby, such excess shall be paid to the Contractor. If such costs exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive the termination of the Contract.
- C. In the event the employment of the Contractor is terminated by the City for cause pursuant to Paragraph A and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a Termination for Convenience and the provisions of the Termination for Convenience clause shall apply.

## **23. UNBALANCED BIDS**

The City may reject a bid as nonresponsive if the prices bid are materially unbalanced between line items. A bid is materially unbalanced when it is based on prices which are significantly overstated or understated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the City even though it may be the low evaluated bid.

## **24. ADDITIONAL INSURANCE REQUIREMENTS**

The Contractor shall carry insurance of the following kinds and amounts in addition to any other forms of insurance or bonds required under the terms of the contract specifications. The Contractor shall procure and maintain for the duration of the job until final acceptance by the Owner, or as later indicated, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

### **A. MINIMUM SCOPE OF INSURANCE**

#### **1. General Liability**

Insurance will be written on an occurrence basis. Claims-made coverage will be accepted only on an exception basis after the Owner's approval. General Liability Coverage and Owners Contractors Protective Insurance should be written by this same insurance company.

Commercial General Liability

Products and Completed Operations  
Contractual  
Personal Injury  
Explosion, Collapse and Underground  
Broad Form Property Damage

#### **2. Professional Liability**

N/A

#### **3. Automobile Liability**

Business Automobile Liability providing coverage for all owned, hired and non-owned autos. Coverage for loading and unloading shall be provided under either automobile liability or general liability policy forms.

4. **Worker's Compensation Insurance**

Statutory protection against bodily injury, sickness or disease or death sustained by employee in the scope of employment. Protection shall be provided by a commercial insurance company or a recognized self-insurance fund authorized before the State of Alabama Industrial Board of Relations.

5. **Employers Liability Insurance**

Covering common law claims of injured employees made in lieu of or in addition to a worker's compensation claim.

**B. MINIMUM LIMITS OF INSURANCE**

1. **General Liability**

Commercial General Liability on an occurrence form for bodily injury and property damage:

|             |                                           |
|-------------|-------------------------------------------|
| \$2,000,000 | General Aggregate Limit                   |
| \$2,000,000 | Products - Completed Operations Aggregate |
| \$1,000,000 | Personal and Advertising Injury           |
| \$1,000,000 | Each Occurrence                           |

2. **Professional Liability**

N/A

3. **Automobile Liability**

\$1,000,000 Combined Single Limit per accident for bodily injury and property damage.

4. **Worker's Compensation**

As required by the State of Alabama Statute.

5. **Employers Liability**

|           |                         |
|-----------|-------------------------|
| \$100,000 | Bodily Injury           |
| \$500,000 | Policy Limit by Disease |

**C. OTHER INSURANCE PROVISIONS**

The Owner is hereby authorized to adjust the requirements set forth in this document in the event it is determined that such adjustment is in the Owner's best interest. If the insurance requirements are not adjusted by the Owner prior to the Owner's release of specifications with regard to the project in question, then the minimum limits shall apply.

The policies are to contain, or be endorsed to contain, the following provisions:

1. **General Liability and Automobile Liability Coverages Only:**

a. The Owner, its officers, employees, agents and specified volunteers are to be covered as Additional Insureds, as their interest may appear, as respects: liability arising out of activities performed by or on behalf of the contractor, architect, engineer, land surveyor or consulting firm for products used by and completed operations of the Contractor, or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Owner, its officers, employees, agents or specified volunteers.

b. The Contractor's insurance coverage shall be primary insurance as respects the Owner, its officers, employees, agents, and specified volunteers, as their interest may appear. Any insurance or self-insurance maintained by the Owner, its officers, officials, employees, agents or specified volunteers shall be excess of the Contractor's insurance and shall not contribute to it.

c. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

## 2. All Coverages

a. The Contractor is responsible to pay all deductibles. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Owner. Cancellation of coverage for non-payment of premium will require ten (10) day's written notice to the Owner.

b. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Owner, its officers, employees, agents or specified volunteers.

### D. ACCEPTABILITY OF INSURERS

Insurance is to be placed with Insurers with an A. M. Best's rating of no less than B + V.

### E. VERIFICATION OF COVERAGE

The Owner shall be indicated as a Certificate Holder and the Contractor shall furnish the Owner with Certificates of Insurance reflecting the coverage required by this document. The A.M. Best Rating and deductibles, if applicable, shall be indicated on the Certificate of Insurance for each insurance policy. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. All certificates are to be received and approved by the Owner before work commences. The Owner reserves the right to require complete, certified copies of all required insurance policies at any time. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature.

### F. SUBCONTRACTOR WORKING FOR GENERAL CONTRACTOR, OR ARCHITECT, ENGINEERS, LAND SURVEYORS OR CONSULTING FIRMS WORKING FOR THE ENGINEER OF RECORD

The Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and/or endorsements for each subcontractor. The Engineer of Record shall include all architects, engineers, land surveyors or consulting firms as insured under its policies other than professional liability, or shall furnish separate certificates and/or endorsements for each architect, engineer, land surveyor or consulting firm. Subcontractors working for the contractor or architects, engineers, land surveyors, or consulting firms working for the Engineer or Record shall be required to carry insurance.

### G. HOLD HARMLESS AGREEMENT

#### 1. Other Than Professional Liability Exposures

The Contractor, architect, engineer, land surveyor or consulting firm, to the fullest extent permitted by law, shall indemnify and hold harmless the City of Huntsville, its elected and appointed officials, employees, agents and specified volunteers against all claims, damages, losses and expenses, including, but not limited to, attorney's fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to personal injury, including bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including loss of use resulting therefrom and (2) is caused by any negligent act or omission of the contractor, architect, engineer, land surveyor or consulting firm, or any of their subcontractors, subconsultants, or anyone directly or indirectly employed by any of them or anyone for whose acts they are legally liable. Such obligation should not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this paragraph.

2. The architect, engineer, land surveyor or consulting firm agrees that as respects to negligent acts, errors, or omissions in the performance of professional services, to indemnify and hold harmless the City of Huntsville, its officers, agents, employees, and specified volunteers from and against any and all claims, demands, losses and expenses including, but not limited to attorney's fees, liability, or consequential damages of any kind or nature resulting from any such negligent acts, errors, or omissions of the architect, engineer, land surveyor or consulting firm or any of their subconsultants, or anyone directly or indirectly employed by any of them or anyone for whose acts they are legally liable.

## 25. DOMESTIC PREFERENCES

In the performance of this contract, the contractor shall comply with Ala Code (1975) §§ 39-3-1 through 39-3-5 in supplying steel, materials, supplies, other products, and labor. Failure to comply with these requirements shall subject the contractor to the penalties set forth in the sections of the Alabama Code set forth above.

## 26. TIME IS OF THE ESSENCE

Time is of the essence in the performance of this contract.

## **27. NO DAMAGES FOR DELAYS**

In the event that the Contractor is delayed in the performance of the work for the reasons set forth in §80.09 of the City of Huntsville's Standard Specifications for the Construction of Public Improvements, Contract Projects, 1991, then the Contractor's recovery for such delay shall be limited to the extensions of time in contract performance in accordance with the provisions of §80.09 and in §4(c) "Changes in Contract Time" as set forth in the Request for Bids.

In such circumstances, time extensions are the sole remedy provided to the Contractor. The Contractor shall make no claim for extra compensation due to delays of the project beyond his control. Such delays may include those caused by an act of neglect on the part of the owner or the engineer, or by an employee of either, or by any separate contractor employed by the Owner, or by any changes ordered in the work, or by labor disputes, fire, unusual delays in transportation, adverse weather condition not reasonably anticipatable, unavoidable casualties, or by delay specifically authorized by the Owner in writing pending the resolution of any disputes, or by any other cause which the Owner determines may justify delay.

## **28. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES PRIOR TO CONSTRUCTION INITIATION**

The Contractor's attention is specifically directed to §50.07 -Cooperation with Utilities and Non-Highway Public Facilities of the City of Huntsville's Standard Specifications for the Construction of Public Improvements, Contract Projects, 1991. In addition to the responsibilities placed on the Contractor by that clause, the Contractor shall be responsible for having existing utilities located prior to excavations. The existence and location of any underground utility pipes or structures shown on these drawings have been obtained by a search of the available records. The City assumes no responsibility as to completeness or accuracy of the depicted location on these drawings. The Contractor shall be responsible for taking precautionary measures to protect the utility lines shown and all other lines not of record or not shown on these drawings by verification of their location in the field prior to the initiation of the work.

## **29. CORRECTION TO CITY OF HUNTSVILLE'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF PUBLIC IMPROVEMENTS, CONTRACT PROJECTS, 1991**

§80.09 (b) 2. of the City of Huntsville's Standard Specifications for the Construction of Public Improvements, Contract Projects, 1991 refers to the definition of recovery time as being set forth in Section 10.01. Inasmuch as this definition was omitted from §10.01, the following definition shall be incorporated:

**Recovery Time.** Recovery time is defined as the time required, after the controlling item or items of work have been substantially damaged as a result of conditions and causes beyond the control of the Contractor and not due to his negligence of fault, to restore the work to the condition existing prior to such damage so that normal operations can be resumed on the contract pay items. Recovery time shall be the number of days required by the Contractor, working with normal forces, to restore the work as described above.

## **30. WARRANTIES**

Contractor shall provide a minimum of one year warranty of all materials and services from date of final completion. Additionally, all manufacturer's warranties on materials used in providing the services shall be provided to the owner with the final payment request. Separate warranty bonds may be required on specialty items as determined by the Owner and will be shown as a separate line item in the quantities prior to bidding.

## **31. COORDINATION WITH OTHER CONTRACTORS**

It shall be the responsibility of the contractor to coordinate with other separate contractors who may be working on the site or an adjacent site with regards to access to the site, storage of materials and working on a non-interference basis.

## **32. W-9 TAXPAYER FORM**

All vendors/contractors are required to submit a Federal Tax Form W-9 to City of Huntsville at the time a contract is awarded, unless vendor/contractor is already registered and doing business with the City. No payments of invoices can be made until this W-9 Tax Form has been properly submitted. A copy of the W-9 Tax Form can be obtained at the following website: [www.irs.ustreas.gov/pub/irs-pdf/fw9.pdf](http://www.irs.ustreas.gov/pub/irs-pdf/fw9.pdf)

## **33. FINAL PAYMENT**

Final payment to construction contractor will be made after contractor provides the following: advertising of completion for four (4) consecutive weeks, lien waivers have been provided from all subcontractors, Record Drawings (As-Builts) have been

submitted to the OWNER by construction contractor, all property pins have been reset by a licensed land surveyor hired by the construction contractor to meet "Standards of Practice for Surveying in the State of Alabama" as required by the Alabama Board of Registration for Engineering and Land Surveyors, and all construction signs have been removed. This final payment will be retainage only. All work shall be complete prior to advertisement of completion. Advertisement of completion shall be in a Huntsville local newspaper. The final payment request of retainage only shall be submitted along with two (2) original, certified copies (with raised notary seal) of the advertisement of completion, warranties, lien waivers and Record Drawings. The advertisement of completion must read as follows:

LEGAL NOTICE (Header)

          (company name)           hereby gives Legal Notice of Completion of Contract with           (project name)          ,           (project no.(s))           located in the City of Huntsville, Alabama. All claims should be filed at           (company address)           during this period of advertisement, i.e. June 17, 24, July 1, 8, 2011 (example of dates).

**34. PROJECT COMPLETION DATE**

The project completion date will be a date mutually agreed upon by the OWNER and Contractor. This date will be after all items have been completed. Therefore, all work will be complete before any advertisement of completion is made. The completion date will always be before the first advertisement date. This final project completion date will be the date used to determine the one year warranty for all work and materials, unless a separate warranty bond has been called for as a line item prior to bidding.

**35. RECORD DRAWINGS**

**POLICY FOR RECORD DRAWINGS**

The purpose of this policy is to document procedures for the preparation and delivery of Record Drawings. Record Drawings shall include all changes in the plans, including those issued as Change Orders, Plan Clarification, Addenda, Notice to Bidders, responses to Requests for Information, Jobsite Memos, and any additional details needed for the construction of the project, but not shown on the plans. After completion of all construction and before final acceptance is made, the Contractor shall submit one set of full size record drawings with dimensioned changes shown in red pencil, and one digital copy of record drawings using the criteria listed below.

**City Construction Projects:**

The Contractor shall be responsible for field surveying upon substantial completion of construction (to be performed by a registered land surveyor in Alabama). Contractor is responsible for providing digital record drawings showing all info specified below, as applicable. Record drawings shall be maintained by the Contractor at the work site and shall be updated based on job progress to reflect all changes. Record drawings shall be made available for review on a monthly basis at the job site. A monthly review of record drawings will be part of the monthly monetary progress review. Progress payments may be withheld if the Record Drawings are not kept up-to-date. A late review could result in a delay of payment.

**Format Requirements for all record drawing submittals:**

All drawings shall be prepared in Micro Station .DGN format, unless otherwise approved by the City Engineer. Transmittal letters shall consist of a list of files being submitted, a description of the data in each file, and a level/layer schematic of each design file. DGN design files should have working units as follows: master units in feet, no sub-units, and 1,000 positional units. All data submitted shall use NAD 1983 Alabama East Zone coordinates as described in The Code of Alabama (1975), section 35-2-1 and NGVD 1929. Digital files shall be submitted on 4-3/4" CD-RW (preferably in a live/flash drive format) ROM, 100 MB zip drive, 3 and 1/2 inch floppy disk, or to the City of Huntsville F.T. P. Site. Contractor is required to certify that record drawings are in the correct format upon submittal. Record Drawings shall be prepared and provided to the OWNER in the manner required and described below in Level Symbology.

**Record Drawing Criteria, unless otherwise noted by City Engineer:**

1. **Roadways:**
  - a. Any changes during construction of roadway/intersections that differ from plan drawings.
2. **Sanitary Sewers:**
  - a. Gravity Line
    - i. Horizontal Location of Manholes – Northing and easting Coordinates
    - ii. Vertical Location of Manholes – Lid elevation and invert elevation.
    - iii. Changes in location of clean outs, or end of service lateral.
    - iv. Changes in length, slope, size, or material of lines.
  - b. Force Mains
    - i. Horizontal Location of Air Relief/Vacuum/Isolation Valves – Northing and easting Coordinates
    - ii. Horizontal and Vertical Location of Fittings/Bends
    - iii. Changes in length, size, depth or material of lines
    - iv. Changes in restraint types

- c. Pump Stations
  - i. Changes in Structural Requirements – (length, width, thickness, cover, laps, bar size, spacing, materials, material strengths, etc.)
  - ii. Changes In Site Development and/or Landscaping
  - iii. Changes In Equipment

**3. Storm Drainage:**

- a. Structures (boxes, inlets, end treatments, etc.):
  - i. Horizontal locations of Features – Northing and easting coordinates
  - ii. Vertical location of Features – Tops and Inverts
  - iii. Changes in type, size, or material of feature.
- b. Pipes / Culverts:
  - i. Document length
  - ii. Document slope
  - iii. Document size
  - iv. Document invert elevation
  - v. Changes in material of structure
- c. Flumes, Ditches, and/or Swales/Berms: (the following are minimum requirements).
  - i. Horizontal location (to verify location within described easements)

|                                        |                                                        |
|----------------------------------------|--------------------------------------------------------|
| For easement widths less than 15- feet | At 100-foot intervals along the centerline of feature. |
| For easement widths 15-feet or Greater | At 200-foot intervals along the centerline of feature. |

- ii. Vertical location (to verify positive drainage)

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| For slopes less than 0.5%  | At 50-foot intervals along the centerline of feature.  |
| For slopes 0.5% or greater | At 100-foot intervals along the centerline of feature. |

- iii. Changes in width or material of feature.
- iv. Changes in location and type of geotechnical fabric used.
- v. Changes in overall grading of site topography.

- d. Detention / Retention Facility:
  - i. Changes in size, location, or material of facility.
  - ii. Changes in location and type of geotechnical fabric used.
  - iii. Where applicable, copy of maintenance agreement.

**Checklist for review of record drawings:**

- a. Changes in sidewalk location or size.
- b. Changes in shoulder widths.
- c. Changes in grades at intersections. (also to include changes in island location)
- d. Changes in location of driveway aprons.
- e. Changes in pavement section, to be supported by adequate documentation.
- f. Changes in gutter flow line elevation. (could be substituted in 3b) versus edge of pavement).
- g. Geotechnical fabric locations, to include vertical elevation.
- h. Changes in Traffic Engineering related items such as signals, signage and markings, etc.

Any other changes that may have occurred during construction.

**LEVEL SYMBOLOGY**

| DESIGN LEVEL | CONTENTS                    | LINE CODE | COLOR | WEIGHT | TEXT SIZE | FONT | CELL NAME |
|--------------|-----------------------------|-----------|-------|--------|-----------|------|-----------|
| 1            | State Plane Coordinate Grid | 0         | 0     | 0      | 20        | 0    |           |
| 2            | Benchmarks                  | 0         | 0     | 0      |           |      |           |
| 3            | Street Text                 | 0         | 3     | 0      | 20        | 0    |           |
| 4            | Street R/W                  | 7         | 0     | 0      |           |      |           |
| 5            | Street Centerline           | 7         | 0     | 0      |           |      |           |
| 6            | Street Pavement             | 0         | 3     | 0      |           |      |           |
| 6            | Proposed Street             | 3         | 16    | 0      |           |      |           |

|    |                                                        |   |     |   |      |    |               |
|----|--------------------------------------------------------|---|-----|---|------|----|---------------|
|    | <b>Pavement</b>                                        |   |     |   |      |    |               |
| 7  | Parking Lots                                           | 1 | 3   | 1 |      |    |               |
| 8  | Secondary Roads                                        | 2 | 3   | 0 |      |    |               |
| 8  | Trails                                                 | 3 | 3   | 0 |      |    |               |
| 9  | Secondary Roads/Trails Text                            | 0 | 3   | 0 | 20   | 0  |               |
| 10 | Sidewalks                                              | 5 | 3   | 0 |      |    |               |
| 11 | Bridges/Culverts                                       | 0 | 0   | 0 |      |    |               |
| 12 | Hydrology - Major                                      | 6 | 1   | 0 |      |    |               |
| 12 | Hydrology - Minor, Ditches                             | 7 | 1   | 0 |      |    |               |
| 13 | Hydrology - Text                                       | 0 | 1   | 0 | 25   | 23 |               |
| 14 | Tailings & Quarries, Athletic Fields/Text, misc. areas | 0 | 1   | 0 |      |    |               |
| 15 | City Limits/County Line                                | 1 | 0   | 3 |      |    |               |
| 16 | City /limit text                                       | 0 | 0   | 1 | 30   | 0  |               |
| 17 | Railroad Tracks (Patterned)                            | 0 | 2   | 0 |      |    | RR            |
| 18 | Railroad Text                                          | 0 | 2   | 0 | 25   | 0  |               |
| 19 | Railroad R/W                                           | 2 | 2   | 0 |      |    |               |
| 20 | Utility Poles (Cell)                                   | 0 | 5   | 0 |      |    | P POLE        |
| 21 | Utility Easements                                      | 3 | 5   | 0 |      |    |               |
| 22 | Utility Text                                           | 0 | 5   | 1 |      |    |               |
| 23 | Geographic Names                                       | 0 | 3   | 1 |      |    |               |
| 24 | Building Structures                                    | 0 | 0   | 0 |      |    |               |
|    | Pools and Text                                         | 0 | 1   | 0 | 10   | 1  |               |
| 24 | Future Site of Structures                              | 2 | 0   | 0 |      |    | STRUCT        |
|    | Existing Structures (exact location and shape unknown) | 2 | 0   | 0 |      |    | STRCEX        |
| 25 | Property Lines                                         | 6 | 6   | 1 |      |    |               |
| 26 | Cadastral Polygons                                     | 6 | 6   | 0 |      |    |               |
| 27 | Ownership Text                                         | 0 | 6   | 1 |      |    |               |
| 28 | Cemeteries/Text                                        | 4 | 6   | 0 | 10   | 1  |               |
| 29 | Lot Numbers                                            |   |     |   | 25   | 0  |               |
| 30 | Block Numbers                                          |   |     |   | 30   | 0  |               |
| 31 | Addition Names                                         | 0 | 0   | 0 | 35   | 0  |               |
| 32 | Open                                                   |   |     |   |      |    |               |
| 33 | Lot Ticks                                              |   |     |   |      |    |               |
| 34 | Lot Lines/Property Lines                               | 6 | 6   | 0 |      |    |               |
| 35 | Trees/Hedge Rows                                       | 0 | 6   | 0 | AS=1 |    | TREES         |
| 36 | GPS Monuments                                          | 0 | 5   | 0 | 15   | 0  | GPS           |
| 37 | 2' Topo Contour                                        |   |     |   |      |    |               |
| 38 | 5' Topo Contour                                        | 0 | 7   | 0 |      |    |               |
| 39 | 25' Major Topo Contour                                 | 0 | 7   | 0 |      |    |               |
| 40 | X Spot Elevation                                       | 0 | 7   | 0 |      |    |               |
| 41 | FEMA Monuments/Labels                                  | 0 | 3/0 | 0 | 18   | 1  | GPSPNT        |
| 42 | Quarter Sections                                       |   |     |   |      |    |               |
| 43 | Section Lines                                          | 0 | 5   | 0 |      |    |               |
| 44 | Features                                               | 0 | 2   | 0 |      |    |               |
| 44 | Cell Towers                                            | 0 | 12  | 0 | AS=1 |    | CELTWR        |
| 45 | Fences (Pattern)                                       | 0 | 8   | 0 | AS=1 |    | FENCE         |
| 46 | Format/Legend                                          | 0 | 0   | 0 |      |    | Limleg Madleg |
| 47 | Mass Points                                            | 0 | 7   | 2 |      |    |               |
| 48 | Break Lines                                            | 0 | 7   | 2 |      |    |               |
| 49 | Open                                                   |   |     |   |      |    |               |
| 50 | Signs                                                  |   |     |   |      |    |               |

|    |                                  |   |   |   |       |   |  |
|----|----------------------------------|---|---|---|-------|---|--|
| 51 | Open                             |   |   |   |       |   |  |
| 52 | Open                             |   |   |   |       |   |  |
| 53 | Open                             |   |   |   |       |   |  |
| 54 | Open                             |   |   |   |       |   |  |
| 55 | Open                             |   |   |   |       |   |  |
| 56 | Property Address                 | 0 | 1 | 0 |       |   |  |
| 57 | Text Tag for Buildings           | 0 | 1 | 0 | 10-20 | 1 |  |
| 58 | Open                             |   |   |   |       |   |  |
| 59 | Open                             |   |   |   |       |   |  |
| 60 | Open                             |   |   |   |       |   |  |
| 61 | Open                             |   |   |   |       |   |  |
| 62 | Monuments for Setup (point cell) |   |   |   |       |   |  |
| 63 | Open                             |   |   |   |       |   |  |

**36. LIEN WAIVERS**

Lien waivers will be required from all subcontractors working for the contractor. These lien waivers shall be included with your final payment package. The contractor is responsible for obtaining signatures from his subcontractors. If no subcontractors are used, contractor must provide a statement indicating such.

**37. LOWEST RESPONSIBLE BIDDER**

For the purpose of determining the lowest responsible bidder, the OWNER shall consider the base bid amount together with any options set forth in the Request for Bids. In the event that the City does not have sufficient funds to award both the base bid and all options, then the City reserves the right to determine the lowest responsible bidder on the base bid only or the base bid and the number of options affordable considering the funds available to the City for the procurement. This method for determining the low bidder is for the purpose of allowing the City to procure the most advantageous bid for the OWNER. City of Huntsville reserves the right to award any and/or all options at any time during the life of the contract.

**38. NON-RESIDENT BIDDERS**

"In awarding the Contract, preference will be given to Alabama resident contractors and a nonresident bidder domiciled in a state having laws granting preference to local contractors shall be awarded the Contract only on the same basis as the nonresident bidder's state awards contracts to Alabama contractors bidding under similar circumstances."

**39. CORRECTION TO SECTION 80.08(C) of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" is revised as shown:**

(C) DAYS WORK NOT PERMITTED: The Contractor shall not permit work on any pay item to be done on Sundays and the following holidays: New Year's Day, Martin Luther King's Birthday as nationally observed, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day, except with permission of the Director.

**40. CORRECTION TO SECTION 80 - of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" - PROSECUTION AND PROGRESS 80.01 Subletting and Contract. (a) LIMITATIONS**

The Contractor shall not sublet the contract or any portion thereof, or of his right, title, or interest therein, without written consent of the DIRECTOR. If such consent is given, the Contractor will be permitted to sublet a portion of the work, but shall perform with his own organization, work amounting to ~~not less than 30 percent~~ of the total contract cost. Any items designated in the contract as "specialty items" may be performed by sub-contract and the cost of such specialty items performed by sub-contract may be deducted from the total cost before computing the amount of work required to be performed by the contractor with his own organization. No sub-contracts, or transfer of contract, shall relieve the Contractor of his liability under the contract and bonds. The Department reserves the right to disapprove a request for permission to sublet when the proposed Subcontractor has been disqualified from bidding for those reasons listed in Subarticle 20.02(b) and Article 30.03.

**41. CORRECTION TO SECTION 80 - of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" - PROSECUTION AND PROGRESS 80.03 Progress Schedule of Operations**

A critical path schedule is required within thirty (30) days after award. The critical path schedule must be submitted in Microsoft Projects format (electronic format and hard copy), with the critical path highlighted.

The critical path schedule shall show information on the task or tasks that must be finished on schedule for the project to finish on schedule. Task dependencies, constraints, and relationships shall be shown on the schedule. If the progress report (critical path) is not received, YOUR first pay estimate will NOT BE PROCESSED UNTIL IT IS RECEIVED). See section 80.03 and 80.04 for additional requirements.

**42. CORRECTION TO SECTION 80 -- of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" PROSECUTION AND PROGRESS 80.09 (b) Contracts on a Calendar Day or Calendar Date Basis**

§80.09 (b) – Change 10 calendar days to 15 calendar days at each occurrence within section 80.09(b).

Section 80.09(B) is revised to remove the last sentence of the first paragraph: ( "Also where the total cost of the completed work exceeds the total cost shown on the proposal, an extension in calendar days will be granted the Contractor, as provided in Section 80.09(a)1." ) It is replaced by: "Where the scope of work is increased, an extension of time commensurate with the scope of the change may be granted by the OWNER, when in his judgment, the facts justify an extension. The contractor shall provide justification substantiated to the satisfaction of the OWNER with any requests for time extensions. Justification shall include, but not be limited to, a revised schedule showing the impact to critical path tasks."

**43. CORRECTION TO SECTION 105 – of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" - EXCAVATION AND EMBANKMENT 105.04 (a) Method of Measurement**

Section 105.04 will remain as stated when estimated borrow material is less than 2500 C.Y.

When estimated borrow material is more than 2500 C.Y., Section 105.04 is revised to remove the last paragraph: "Borrow material will be measured at the point of delivery, inside the delivery truck less 30 percent for shrinkage."

**44. CORRECTION TO SECTION 847 – of The City of Huntsville "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS" - PIPE CULVERT JOINT SEALERS**

Section 847 is deleted and replaced with Section 846 – Pipe Culvert Joint Sealers, ALDOT Specifications for Highway Construction, Current Edition.

**45. NPDES CONSTRUCTION REQUIREMENTS**

For areas of this project meeting the Alabama Department Of Environmental Management (ADEM) definition of a "Construction Site", the Contractor shall prepare and apply for, pay the necessary fees, post the required registration at the jobsite prior to commencing work, and maintain the worksite and records in accordance with the ADEM requirements for National Pollutant Discharge Elimination System (NPDES) registration. Offsite borrow pits utilized in the construction of this project are included in the requirement. NPDES Construction Site is construction that disturbs one (1) acre or greater or will disturb less than one (1) acre but is part of a larger common plan of development or sale whose total land disturbing activities total one (1) acre or greater. An NPDES construction site also includes construction sites, irrespective of size, whose stormwater discharges have a reasonable potential to be a significant contributor of pollutants to a water of the State, or whose stormwater discharges have a reasonable potential to cause or contribute to a violation of an applicable Alabama water quality standard as determined by the Department. The Contractor is referred to the "Alabama Department Of Environmental Management Field Operations Division – Water Quality Program - Division 335 – 6" for complete definitions and requirements. The Contractor is also referred to Item 11 of these General Requirements, sections 50.15, 50.16, and 70.02 of the City of Huntsville Standard Specifications For Construction Of Public Improvements, Contract Projects (Specifications).

Contractor violations of the permit by rule which results in enforcement actions from ADEM including fines and/or work stoppage shall be the responsibility of the Contractor. Fines assessed to the Contractor or the OWNER because of Contractor action shall be paid by the Contractor. No extension of contract time shall be considered as a result of enforcement. Enforcement history will also be considered by the OWNER in its decision to issue future proposals or award future contracts in accordance with disqualification provisions of Section 20.02(b) of the Specifications.

**46. DELETION OF SECTION 50.01 – Authority of the Engineer of Record**  
This section is deleted.

**47. SHOP DRAWINGS**

The approval of shop drawings by the Engineer will cover only the features of the design and in no case shall this approval be considered to cover error or omissions in shop details or a check of any dimensions. The Contractor shall be responsible for the accuracy of the shop drawings, the fabrication of materials and the fit of all connections; and he shall bear the cost of all extra work in erection caused by errors in shop drawings or in fabrication, inaccurate workmanship, misfits of connections or for any changes in fabrication necessary. No work shall be done on the material before the shop drawings have been approved. Any material that the Contractor orders prior to the approval shall be at the Contractor's risk.

Substitutions or changes whether indicated or implied on shop drawings will not be considered as changes regardless of the Engineer's approval of shop drawings unless the change has been previously submitted and approved as a change order per the requirements for changes in the contract.

After a shop drawing has been approved, no changes shall be made unless directed in writing to the Owner and acceptance by the Owner of said changes. Any acceptance of change by the Owner does not constitute a change to the contract unless that change has been approved and directed in writing per change order. Compensation for preparing and furnishing all shop and working drawings shall be included in the contract unit prices for the various pay items of work.

#### **48. E-VERIFY – NOTICE**

The Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30 (also known as and hereinafter referred to as "the Alabama Immigration Act") as amended by Act No. 2012-491 on May 16, 2012 is applicable to all competitively bid contracts with the City of Huntsville. As a condition for the award of a contract and as a term and condition of the contract with the City of Huntsville, in accordance with § 31-13-9 (a) of the Alabama Immigration Act, as amended, any business entity or employer that employs one or more employees shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. During the performance of the contract, such business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The business entity or employer shall assure that these requirements are included in each subcontract in accordance with §31-13-9(c). Failure to comply with these requirements may result in breach of contract, termination of the contract or subcontract, and possibly suspension or revocation of business licenses and permits in accordance with §31-13-9 (e) (1) & (2).

Code of Alabama (1975) § 31-13-9 (k) requires that the following clause be included in all City of Huntsville contracts that have been competitively bid and is hereby made a part of this contract:

"By signing this contract the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom."

Contractor's E-Verify Memorandum of Understanding shall be a part of the contract bid documents and shall be submitted with the bid package.

#### **49. CITY OF HUNTSVILLE'S TRAFFIC ENGINEERING DEPARTMENT CONSTRUCTION REQUIREMENTS**

For areas of this project that require removal of traffic loops, striping, markings, rpm's and ceramic markers, the following shall apply:

- 1. TRAFFIC SIGNAL LOOP REPAIRS** – All vehicular and bicycle detector loop replacements shall be in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition. Unless otherwise specified, traffic signal loops shall be replaced exactly as existed prior to any paving or resurfacing work. The general contractor will be responsible for documenting location of loops, location of any associated items for loop operation and assuring that loops are replaced exactly as existed prior to paving. All vehicular and bicycle loop repairs shall be replaced within fourteen (14) calendar days after paving work.
- 2. TRAFFIC SIGNAL STRIPING, MARKINGS, RAISED PAVEMENT MARKERS AND CERAMIC MARKERS FOR GUIDANCE** - All traffic striping, markings, raised pavement markers and ceramic markers for guidance shall be in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition. Unless otherwise specified, traffic striping, markings, raised pavement markers and ceramic markers for guidance shall be replaced exactly as traffic striping, markings, raised pavement markers and ceramic markers for guidance existed prior to any paving or resurfacing work. The general contractor will be responsible for documenting location of all striping, markings, raised pavement markers and ceramic markers for guidance and assuring that all are replaced exactly as existed prior to paving. All traffic striping, markings, raised pavement markers and ceramic markers for guidance shall be reflectorized. All resurfaced areas shall be marked with temporary striping and markings for traffic usage by nightfall each day, 7 days a week, in accordance with State of Alabama regulations. All permanent striping, markings, raised pavement markers and ceramic markers for guidance shall be replaced within thirty (30) calendar days after paving work.

#### **50. SURVIVABILITY OF CONTRACT PROVISIONS**

Termination of this Contract by either party shall not affect the rights and obligations of the parties that accrued prior to the effective date of the termination. Terms and conditions of the contract that survive termination include, but are not necessarily limited to, provisions regarding payments, insurance, termination, warranty, governing law of the contract, liquidated damages, bonding requirements, notice procedures, waiver, and other requirements necessary and appropriate for the proper resolution of disputes, claims, and enforcement of the rights of the parties.

#### **51. SURETY BONDS**

The Contractor shall furnish separate performance and payment bonds to the Owner within fifteen (15) days after the date of acceptance of this proposal by City Council action. Each bond shall set forth a penal sum in an amount not less than the Contract Price. Each bond furnished by the Contractor shall incorporate by reference the terms of this Contract as fully as though they were set forth verbatim in such bonds. In the event the Contract Price is adjusted by Change Order executed by the Contractor, the penal sum of both the performance bond and the payment bond shall be deemed increased by like amount. The performance and payment bonds furnished by the Contractor shall be in forms suitable to the Owner, in conformance with all the requirements of the Code of Alabama (1975), §39, and shall be executed by a surety, or sureties, reasonably suitable to the Owner. All bonds must be approved by the Mayor and the Clerk-Treasurer of the City of Huntsville.

#### **52. GOVERNING LAW**

The Contract shall be governed by the laws of the State of Alabama.

#### **53. ALABAMA IMMIGRATION ACT (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975))**

Compliance with the requirements of the (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30, as amended by Alabama Act 2012-241, commonly referred to as the Alabama Immigration Law, is required for City of Huntsville, Alabama contracts that are competitively bid as a condition of the contract performance. The Contractor shall submit in the bid package, with the requested information included on the form, the "City of Huntsville, Alabama Report of Ownership Form" listed in this document as Attachment "H". The bidder selected for award of the contract may be required to complete additional forms relating to citizenship or alien status of the bidder and its employees, including e-verify information, prior to award of a contract.

#### **54. SUCCESSORS AND ASSIGNS**

The Owner and Contractor bind themselves, their successors and assigns to the other party hereto and to successors and assigns of such other party in respect to covenants, agreements, and obligations contained in this Contract. The Contractor shall not assign this Contract without written consent of the Owner. In no event shall a contract be assigned to an unsuccessful bidder whose bid was rejected because he or she was not a responsible or responsive bidder.

#### **55. WRITTEN NOTICE**

Written notice shall be deemed to have been duly served if delivered in person to the individual or a member of the firm or entity or to an officer of the corporation for which it was intended, or if delivered at or sent by registered or certified mail to the last business address known to the party giving notice.

#### **56. RIGHTS AND REMEDIES**

Duties and obligations imposed by the Contract Documents and rights and remedies available there under shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

No action or failure to act by the Owner, Engineer, or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach there under, except as may be specifically agreed in writing.

#### **57. ENTIRE AGREEMENT**

This Contract represents the entire agreement between the Owner and the Contractor and supersedes all prior communications, negotiations, representations or agreements, either written or oral. This agreement may be amended only by written instrument signed by both Owner and Contractor.



# HUNTSVILLE

Urban Development Department  
Engineering Division

Kathy Martin, P.E.  
Director  
City Engineer

## **MARTIN ROAD ON REDSTONE ARSENAL**

**Project No. 65-10-RD09**

**May 22, 2013**

### **Addendum #1**

The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.

#### **Attachment A is amended as follows:**

Replace bid quantities with "replacement", **Attachment "A1"**. **All bids must be submitted using Attachment "A1"**. Contractors are authorized to download revised quantities from website and paste to floppy disk or CD-RW (preferably in a live/flash drive format) of their choice; one or the other must be submitted with the original bid packet. In addition, two hard copies must be submitted and signed with original bid packet. Contractors should be mindful of making changes to formatting already established in column for Bid Unit Price, as it may affect the outcome of their bid. In order to verify calculations are correct, Contractor may choose to manually multiply those unit costs x bid quantities to ensure extensions are correct, prior to printing and submitting with bid packet. If a price discrepancy is found on bid disk or CD-RW, printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail. However, calculations must be accurate and will be verified manually.

- Any bidder who designates a change on the outside of the envelope understands that any deletions or additions designated, bidder must further indicate the particular bid item relative to the deletion or addition, even if the deletion or addition references to deduct or add to the Total Base Bid.

#### **Clarifications:**

1-The bid opening is scheduled for Thursday, May 30, 2013 at 10:00 a.m. in the 1<sup>st</sup> Floor Conference Room, 320 Fountain Circle, Huntsville, AL

2-Payment of stock piled soils: "Any soil stock piled on the job and used again on the job will only be paid for once. The contractor will be paid for either excavation or fill; not both.

The Star of Alabama

3-The water line station locations are listed in the revised drawings (drawings are attached to this addendum as well as posted on the COH website).

4-Item #45 was in reference to the concrete apron which has now been removed from all drawings; therefore, no detail will be required.

5-The City of Huntsville will do the inspection of the cross-over.

6-The quantity for Item #12 will remain 90,000 SY and the quantity for Item #13 will be revised to 45,000 SY (see revised drawings and revised quantities).

**Additional Note:**

The equivalent fill depths to KDT vehicle loading for the two culvert extensions are as follows:

- Triple 8'x6' Culvert: Equivalent Fill Depth= 9'
- Double 8'x6' Culvert: Equivalent Fill Depth= 6.5'

**Questions from Contractors:**

1 - Q: Is riprap under both bridges the intent?

A: See revised drawings.

2 - Q: Note on Sheet 54 shows 2,700 ft. of portable safety barrier; there is no pay item for this item. Will a Pay item be added?

A: Yes; there are 4,730 LF of portable concrete safety barriers, Type 6 (see revised bid items)

3 - Q: What will be contractor be priming other than the new base that is going down?

A: Contractor will prime only new base layer.

4 - Q: Will the tax rate be 5.5% because it is on the arsenal?

A: Redstone Arsenal is in the city limits of Huntsville, so the tax rate will be the same as the tax rate in the City of Huntsville.

5 - Q: Is the quantity correct for Item #8 - Unclassified Excavation? The drawing calls out 23,870 CY of the unclassified as undercut and 39,388 as excavation. So, should the quantity of Item #8 be 39,388 CY since Item #10 is undercutting 23,870 CY?

A: We will reduce Item #8 to 39,388 (see revised quantities)

6 - Q: On the Project Note sheet, Note 300 refers to Sheet 195 to discuss unclassified. Sheet 195 does not exist. Could you send me that particular sheet? Maybe it explains the unclassified further.

A: The note should refer to Sheet #196 which is included in the plans.

**Quantities Revisions:**

**Delete:**

~~Item #8 -Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once) 63,258 CY~~

**Add:**

Item #8 -Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once) 39,388 CY

**Delete:**

~~Item #13 - 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401 - 117,383 - SY~~

**Add:**

Item #13 - 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401 - 45,000 - SY

**Delete:**

~~Item #114 - Sign Relocation (Includes Solar Panels), Complete in Place 33 - EA~~

**Add:**

Item #114 - Sign Relocation, Complete in Place 33 EA

**New Item:**

Item #141 - Portable Concrete Safety Barriers, Type 6 4,730 LF

All addenda must be acknowledged either on the outside of the bid envelope or on the second page of your bid proposal known as Attachment "B".

**Attachments: Pre-Bid Minutes  
Revised Attachment "A1"  
Revised Drawings**

**END OF ADDENDUM #1**

## MANDATORY PRE-BID MEETING

PROJECT NAME: Martin Road on Redstone Arsenal

PROJECT #: 65-10-RD09

DATE: May 15, 2013 at 1:00 p.m.

PROJECT ENGINEER: Robbie Stewart

The following people were in attendance at the Pre-Bid Meeting:

|                     |                        |
|---------------------|------------------------|
| Mark Seeley         | Miller & Miller        |
| Matt Mullins        | Miller & Miller        |
| Chris Moore         | McInnis Construction   |
| Jerry "JT" Thompson | Angelo Iafrate         |
| Nick Weaver         | NRW Const. Staking     |
| Jamie Prater        | Shoals Electric        |
| Justin Schuman      | Carcel & G             |
| Chris Lovoy         | Reed Contracting       |
| Tim Mayhall         | Reed Contracting       |
| Al Stanley          | Stanley Construction   |
| Greer Walker        | Wiregrass Construction |
| Mickey Donahue      | Wiregrass Construction |
| Jerry Wall          | APAC                   |
| Jeff Janeway        | APAC                   |
| Adam Crenshaw       | Johnson & Associates   |
| Tom Cunningham      | Johnson & Associates   |
| Wade Shadden        | Johnson & Associates   |
| Tom Richardson      | Redstone DPW           |
| Keith Kelley        | AECOM                  |
| Eddie Lobdell       | AECOM                  |
| Fred Keith          | Redstone PD            |
| Larry Trippe        | COH-Eng                |
| Larry Tilley        | COH-Eng                |
| Robbie Stewart      | COH-Eng                |
| Penny Kelly         | COH-Eng                |
| Mary Hollingsworth  | COH-Eng                |

1. Introduction of all persons present, their roles, chain of command, importance of submittals to Project Engineer.
  - a. Robbie Stewart, COH Project Engineer
  - b. Larry Trippe, COH Inspector
  - c. Larry Tilley, COH Inspector

- d. Penny Kelly, COH Admin.
- e. Mary Hollingsworth, COH Admin.
- f. Tom Richardson, DPW, Redstone Arsenal
- g. Wade Shadden, Johnson & Associates
- h. Keith Kelley, AECOM
- i. Eddie Lobdell, AECOM
- j. Tom Cunningham, Johnson & Associates
- k. Fred Keith, Redstone Arsenal PD

2. Project Engineer gave a brief description of work:

Project consists of the addition of two lanes with shoulders along Martin Road for approximately two (2) miles between Gate 7 and Rideout Road to include one bridge and two box culvert extensions.

3. Progress Schedule of Operations were discussed, as well as erosion control plan, disposal of debris from clearing and grubbing, plan for control of concrete temperature during hot/cold weather, etc.

**If the progress report (critical path method schedule) is not received, YOUR first pay estimate will NOT BE PROCESSED UNTIL IT IS RECEIVED).**

- a. A Critical Path Method (CPM) project schedule must be submitted by the successful Contractor within 7 days of bid award. Contractor will not be paid until this is submitted.
- b. Erosion And Sediment Control: The Contractor must follow the requirements of the CBMPP, which was posted on the City's website, and erosion control plans, and note that there are required measures which must be installed prior to commencement of work. (See also NPDES permit requirement below). In addition, there is a requirement that the EA line, (the Environmental Assessment line), which again the EA was posted on the City's website, so hopefully Contractors have taken a look at it and seen all the restricted areas and hazardous materials areas. The EA line (Construction Limits) be staked by a registered PLS prior to installation of silt fence. Silt fence will basically become the limits of the project. NO access or disturbance is allowed beyond the EA limits. Some of the silt fencing from the Utility Relocation project which was the relocation of the electric and comm. lines (completed around December) is still on site. That project was completed around December. That project was the relocation of the electric and comm. lines. A lot of the clearing and grubbing was accomplished as part of that project. The location of this silt fencing is assumed to be the EA boundary from the previous contractor. It is the contractor's responsibility to verify if this is the E/A line. If the silt fence is in good working order, it can be used. Contractor will have to work with COH Inspector to make sure it is allowed.

- c. The erosion control must be kept in good condition. Must follow the CBMPP and Contractor should be aware that there are also monitoring requirements that must be followed in order to be in compliance with CBMPP and NPDES Permit. There will be no additional pay for any repairs and maintenance to the erosion control features. Contractor will be responsible to maintain those; particularly through this process after rainfalls of a certain amount; have to be monitored and kept up-to-date.
- d. Disturbance of Existing Drives: Gravel access drives were installed during the Utility Relocation Project on the south side of Martin, west of Indian Creek as part of the utility relocation project. Those are to remain in place and kept in good working order. If the contractor uses or disturbs these drives, he will be required to repair them in-kind at his own expense.
- e. Debris Disposal - The Contractor will be responsible for removing all debris and demo-ed items from the site, incidental to clearing and grubbing. Some of the waste material may be taken to the Redstone Arsenal landfill at no cost. No hazardous waste will be permitted. A waste disposal permit is required. The point of contact is Marc Subido, 256-876-9675. General construction waste materials (tree, vegetation removal, or concrete forms, or general wastes) can be taken to the landfill at no costs. Contractor will be better off handling any hazardous wastes themselves. Contractors need to be careful of what is in the dump material; anything organic can be taken to the landfill.
- f. Material Stockpiles: Any material that the contractor wants to stockpile onsite must first receive approval from Redstone Arsenal. Any material reused from these stockpiles will not be paid. COH will only pay for the material once. As long as Contractor stays within EA limits and can work around the material, both COH and Redstone Arsenal are okay with Contractor stockpiling. There is one (1) EA area where the materials have to stay within the same area and it is noted on the plans. There is no restriction on where or how the Contractors dig; as long as they do excavation in the area, the material has to stay within the area. Robbie mentioned that when the topsoil is stripped and the Contractor stockpiles it, the Contractor will only get paid one (1) time. Contractor can reuse it, but will not get paid for it.
- g. Unknown Materials Encountered: If any material or object uncovered during excavation is not identifiable, the contractor shall stop work immediately and notify Arsenal Personnel. A dig permit will be required from Redstone Arsenal and/or NASA. Robbie said we are out of the UXO site on this project. Mr. Richardson said there is a safety officer on call for the Contractor to call if they do uncover any unidentifiable material/object. The question was asked if the Contractor does uncover an unexploded ordinance and disposal time to get rid of is a couple of weeks, how time charges would be handled. Robbie said unless it is right there where the Contractor started and the Contractor has nothing else to work on and the piece of equipment is setting there, he'd have no problem stopping time.

- h. Dig Permits – A dig permit is required. This permit is a one-time requirement. Before ground is broken, contractor will call in for a dig permit (utility location). RSA Utility will come out and mark everything. Dig permit will come from the locate company once it is cleared. The permit will need to stay in the project trailer at all times. Redstone Arsenal usually handles utility locates the following way: The awarded Contractor, before they start excavation, will call the one-call number for Redstone (the number will be provided). That basically activates the utility locate and they will locate all utilities they have a responsibility for to the Contractor. Contractor will get an information sheet that will tell what other utilities the Contractor will be responsible for contacting to get their utilities located. Redstone has people that will locate the water, electric, gas, sewer, and the comm that is owned by the Army. Once that is done, the digging permit will be issued. This will be a digging permit for the life of the project. Contractors were informed that the locate company will not come back and remark the lines. Contractors were advised to document the locates in some way. The locate company will paint the ground, but the Contractor is responsible for maintaining the location throughout the life of the project. Chugach is the company that will be providing the permit to the Contractor. Redstone Arsenal will help the awarded Contractor obtain the digging permit when the time comes. Chugach handles the entire corridor; no coordination with NASA is required for the locates. If coordination is required, Chugach will handle that.
- i. Personnel Badges – Everybody that comes through the gate has to have a badge. To get a badge, everyone must go through a background check. Contractors were asked to get the list of people that need a badge and get the list to Tom Richardson and he will give the list to Fred Keith who handles issuing of badges. Mr. Keith said he could go ahead and provide the spreadsheet to the City so the Contractors would have access to it. Contractors were encouraged to go ahead and get all personal information (name, date of birth, social security number) from the employees they are planning to use on the project. Redstone does require background checks on everyone and they do the checks themselves, free of charge. Person will not be allowed access to installation if certain things show up on the background check. Another issue is foreign nationals. If person is a non-US citizen, they must be escorted at all times while on installation. RSA does not allow non-US citizens to be on installation without being escorted. They will have to grant a different type of badge to somebody that will be approved for escorting. Contractors were encouraged to get the spreadsheets filled out ahead of time, that way whoever is awarded the contract, the faster they get the list to Tom and he gets it to Mr. Keith, it's a lot easier for Mr. Keith to go ahead and get the checks done. As a result, the badges are ready and the Contractor can start work when they are supposed to. If Contractor waits too late, then the entire process is delayed, and everyone knows delays cost money. All badges are issued at the Gate 9 Visitor's Center.

Badges are issued for a year at a time and if the project is longer than that, the badges can be extended. Project is projected to last 18 months; the badges will be issued as an 18 month badge. Types of things that can knock someone out of getting on post are depending on the felony: crimes against persons (murders, rapes, sex offender registry), serious patterns of misconduct-an example: when the background check is run, if someone has been arrested fifteen (15) times within the last twelve (12) years, he's probably not coming on post. RSA also does random inspections at the gates. No weapons, ammunition, explosives, or drugs are allowed on site. Sometimes RSA uses dogs to search; sometimes just people are used to search. When Tom Richardson is given the spreadsheet for the Contractors to fill out, Mr. Keith said he'd go ahead and provide a list of prohibited items also.

- j. Vehicle Passes – Vehicle passes are no longer required for access to Redstone Arsenal. All occupants of contractor vehicles must have personal contractor badges. Vehicles will not be required to have any stickers or magnetic signs on them identifying them as a company vehicle. Delivery trucks in general will need to go through Gate 1 (Martin Road off the Parkway) where RSA has the facility to inspect the cargo of the trucks. Time sensitive loads (concrete, asphalt, etc.)-if Contractor pre-coordinates with Mr. Keith, he will get the trucks through Gate 7 or Gate 9. RSA will be flexible with time sensitive materials. Mr. Keith said this project is helping RSA too so they will definitely work with the Contractors the best they can. There is a fair amount of rock on the project. Depending on the location of the quarry that it is coming from, RSA can make arrangements for Gate 9 (off Research Park Drive), if there is going to be a program of trucks, one after the other, RSA will try to set something up to get them through a different gate. Robbie said that will be critical to all the Contractors present. He said the location of the quarry and the majority of the asphalt plants are located on the north end of Huntsville. Trucks could go down Stringfield and get over and get to Research Park Boulevard and then it is a straight shot into the base. Robbie said he's pretty certain they'll all want to come in Gate 9. Gate 7 is open from 5:30 a.m. to 8:00 p.m. Monday through Friday; closed on the weekends. Gate 9 is the only 24/7 gate. With Gate 7 being closed on the weekends, that means that whole stretch of road has absolutely zero traffic on Saturday and Sunday.
- k. Work Hours – Work hours are dependent on the Gate hours. Gate 7 will close at 8:00 p.m.. Gate 9 stays open so there aren't really any restrictions on when the Contractor can work. There are no army regulations that tell when the Contractor can or cannot work. Tom Cunningham asked if the Contractor needs to let RSA know when/if they plan to work beyond dark. Mr. Keith said that is one of the things on the badges. He said the majority of the badges are not what they call security badges; they will be visitor's badges.

If the Contractors are anticipating working around the clock, he said they'll need to know that because there are days of the week and hours printed on the badges that tell when the person has been granted access. If it will be a 24/7 project, Mr. Keith needs to know that up-front because it will be on the badge.

Mark Seeley asked a question about explosives. He said that part of the project will require the Contractor to drill a box. He asked what procedure the Contractor would have to follow to bring explosives on the base.

Mr. Keith said to bring explosives on, from the security standpoint, (a) Contractor must have a reason to have it; (b) RSA has to know exactly what it is and (c) it has to go through the installation safety office. They will be the ones to access it and give the approval to grant the Contractor permission to bring the explosives onto the base.

Tom Cunningham mentioned that this is a City project, but obviously the Contractor will be on federal property so Contractor will be expected to comply with all Federal regulations.

Question was asked about fuel trucks. Robbie said that they could go through Gate 1 or 9. Mr. Keith said if he has the right coordination of what will be used and where, he can coordinate and get it through. The main thing that has to go through the inspection line is closed trailers type vehicles.

#### 4. Discussed all Permits.

- a. NPDES Permit is transferable from the previous contractor or a new one will need to be obtained. The contractor will be responsible for complying with the CBMPP.

Concerning the NPDES permit, Mark Seeley asked the question if riprap under both bridges was the intent. Wade answered that he thinks so; confirmation will be made in the Addendum. Mark said there is pretty low clearance underneath there to get that class of riprap up underneath the bridge all the way across the stream. He said that's like when you get in the stream, it's defeating the purpose. Mark said he didn't know how that was going to be accomplished.

- b. The Corp of Engineers permit is posted on the web site. The contractor is responsible for compliance with this permit. The permit is in Redstone Arsenal's name. The project has a nationwide permit. The permitting has been done so it should be of no real consequences. Tom Cunningham asked if RSA will be doing some of the inspections. Tom Cunningham said he knows some of their guys will be there to make sure they comply and stay within the limits of the 404 permit itself. Mr. Richardson said they have a wetlands specialist. He said if the Contractor goes by the plans, it's not going to be a problem. He said the amount of wetland on the project is minimal, less than ½ an acre. He said that may be the only place

the Contractor will have to be careful about depositing fill in the wetland area. From that standpoint, RSA can work with the Contractor to keep from depositing fill in that area. There is a very small sliver of area on the edge of the EA, 500-600 feet. He said RSA is not there to give the Contractor a hard time; the project is fairly straightforward, and he doesn't expect it to be an issue. He said if the contractor has any questions-if there is material that the Contractor would like to deposit some material that will need to be tested, RSA is there to help answer questions and keep the Contractor out of trouble. Between the City inspectors and Mr. Richardson, the Contractor can talk to Mr. Richardson and he can find out the question. RSA wants to keep the Contractor out of harm's way as best they can. Mr. Richardson said he doesn't expect it to be much of an issue, but they'll make sure it's not.

- c. Other permits required by Redstone Arsenal or NASA will be discussed. The digging permit is the main one; it covers all utilities. There are some buried comm lines that are a big concern to NASA and the Army as well. Fiber optic lines and buried electrical lines are well marked and well protected and really no room for error in terms for damaging a buried fiber optic line. There's not nearly as much buried fiber optic out there as there was a year ago; most of it is overhead now. Toward the NASA area, there are one or two locations that are buried fiber; if there are any questions at all, ask twice or ask three times and dig once.
- d. The Geotechnical report posted on the City web site is for informational purposes only. Contractors were asked to become familiar with it before they bid.
- e. Burning is prohibited on the base so no burn permit will be issued.

Regarding any lane closures, Tom Cunningham mentioned that the intent is to build the additional two (2) lanes and leave the existing two (2) lanes open for traffic. If there are any lane closures required, the Contractor needs to coordinate with Tom Richardson. Any trenching of the roadway required will have to be backfilled as indicated in the plans with asphalt, not just gravel; that all needs to be coordinated through the City inspectors and Redstone Arsenal.

Mr. Richardson said they expect that there will be times when the Contractor will have to shut down one lane or both lanes. He asked that the Contractor be sensitive to the fact that 80% of the traffic on that road is over an hour in the morning and an hour in the afternoon. He asked the Contractor to try to avoid any closures during those peak travel times. If a lane has to be closed, RSA needs some notice. There will be some instructions laid out pretty specific about what the Contractor can and cannot do. He said it's not that they can't close the road or close a lane; some coordination is required. Mr. Richardson said that there are about 30,000 traffic engineers that work on Redstone Arsenal, and if the road is closed at the wrong time of the day, Mr. Richardson said he'd hear about it and the Contractor will hear about it also.

5. Utility Project Notification – Utility company representatives should give a description of their utility conflicts. Any problems the utility representative anticipates should be explained so that Project Engineer and Contractor can plan to include in the project. Each utility representative should provide Contractor with a name and phone number to contact for conflict assistance. Contractor is responsible for notifying Redstone and/or NASA personnel for utility locates. Mr. Richardson will provide a number to give to the Contractor for Chugach.
6. Discussed Submittal of Shop Drawings, working drawings, material submittals, job-mix formulas in accordance with the time limits in the contract.

All material submittals, shop drawings, and all other submittals are to be submitted to Robbie Stewart, Project Engineer in electronic format, if possible. He will then distribute to the appropriate parties for review. Keep in mind that some submittals will require review by COH, Design Engineers, and Redstone Arsenal personnel. The specs allow for up to two (2) weeks of review time. Will get submittals turned around and back to the Contractor as quickly as possible. Documents should be submitted in a timely manner, and should be correct as possible, so as to avoid disruption of the project schedule.

7. Any right-of-way issues were discussed. Detailed whether all property has been acquired to complete project and if not, when expected.

There are no ROW issues, as this is all Redstone Arsenal property. However, Contractor MUST stay within the EA limits because there are some hazardous conditions outside those limits, as discussed earlier. There should be no reason at all that the Contractor should venture into those areas.

8. Any other projects that may conflict should have their project engineer, contractor and representatives in attendance to discuss.

There should be no other active projects in the project limits that would delay or hinder progress on this project.

9. Contractor is required to submit pricing (Attachment “A”) on either a 3- 1/2” floppy disk or CD-RW (preferably in a live/flash drive format) in the Excel format made available for download from the Engineering website. The bid disk or the CD-RW must be in working condition and included with original bid packet and reflect the correct revision, along with two signed hard copies. Failure to do so shall be cause for rejection of bid. If a price discrepancy is found on bid disk or CD-RW, printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail

Also, the Contractor must submit, to the Project Engineer, a schedule of values for all Lump Sum items within seven (7) days of contract award. The schedule of values must be broken out in detail to show any major line items of work for monthly payment. The Contractor will be required to review all quantities monthly with the COH Inspectors (Larry Tilley and/or Larry Trippe) prior to submitting a pay request.

## 10. PAYMENT

The OWNER agrees to pay the contractor as follows: Once each month per project the OWNER shall make partial payment to the Contractor on the basis of duly certified and approved estimates of the work performed during the preceding month by the Contractor, less five per cent (5%) of the amount of such estimate, which is to be retained by the City until all of the work has been performed. Liquidated damages will be deducted from all invoices when the invoice estimate period end date is later than the contract completion date. All pay requests will be submitted by hard copy and on a disk. The hard copy will be printed from the disk. The OWNER will provide the disk to the contractor. Two originals and two copies of the invoices are required before payment will be made. The disk should be submitted each month, along with the originals and copies, to Odessa Sales in the Engineering Department. No further retainage will be held after fifty percent of the contract is complete. All payments to contractor will be made as soon as practical after the approval and finance processes have been completed.

11. Project Engineer discussed plans, specs and special provisions.
  - a. A review of the plans should be made with emphasis placed on unusual construction features and special drawings.

The limits of construction have changed since these plans were drawn. The work at Gate 7 was constructed by RSA within the last year. The actual construction limits have pulled in a little bit. The quantities in the plans still show Gate 7 work. We will begin this project where the Gate 7 project ended, which is approx. station 25+00. Contractor will pick up right there and whatever the elevation is right there, the Contractor will tie to it and make it work. We may have move back towards the gate to make the grades work. Other than that, everything else is essentially the same. The end of the project is still just east of the Rideout Road intersection. On the Rideout Road work, obviously that is a main intersection so the plan, and hopefully the Contractor will be on the same page, is to do those tie-ins and even the Gate 7 tie, on the weekends. It is real critical that the ties are done on the weekends.

- b. Each pay item of the contract was read out and any questions concerning the method of measurement or payment discussed.

- Q: Question was asked regarding the borrow material. There is a plan note that none of the borrow material will come from RSA. Is that correct?  
A: Yes, that is correct.
- Q: Item 45-On the box culvert the Contractor is referred to ALDOT Spec 524, does that include the excavation of the item? ALDOT 524 does not include excavation.  
A: Yes. Complete in place. Robbie would take that as excavation and everything.
- Q: The detail shows some sort of apron on the end of the pipe. Is that included in the culvert or slope paving?  
A: Culvert.
- Q: Item 46 required shoring, lump sum. What will the Contractor be shoring?  
A: The culverts only.
- Q: What about shoring the bridge; will it pay in the same line item?  
A: Yes, same pay item.
- Q: What about test bearing pads, per ALDOT standards?  
A: Unless the City has different option, Contractor should go by ALDOT specs.
- Q: Note on sheet 54 shows 2700 feet of portable safety barrier. There is no pay item for this item. Will a pay item be added?  
A: Yes, that quantity will be needed so the pay item will be added.
- Q: One of the culverts calls for 3 foot undercut recommendation. What does the Contractor need to fill it with?  
A: #2 stone or 57s.
- Q: Are there any anticipated utilities to be moved or relocated?  
A: There is only a little bit of water work near the bridge. The only utility is a pole down at Rideout and it is in the options. Option No. 3 has four (4) poles; three (3) on the north side of Martin and one (1) on the south side of Martin. Taylor Electric does all the electric work out there. Contractors were advised to check into that if they get prices. Mr. Richardson said there are no engineering plans for the poles to be relocated so the Contractor will need to have a stamped shop drawing or submittal for that work.

- Q: On the north side of the existing bridge, there is an AT&T post coming out of the ground. Will that be a conflict?  
A: It was left over. All the comm should have gotten moved earlier.
- Q: What was the idea of Option No. 1?  
A: To construct a median cross over. The plans shows a depressed median and the option was to construct a paved median across at that location.
- Q: Question was asked to clarify digital as-builts. There is a note in the plans that states digital as-builts will be required and in Option No. 2 there is a price for digital as-builts. How will that work?  
A: Base bid will be red line as-builts and Option No. 2 is the digital as-builts. They will need to be in DGN format.
- Q: Item No. 12-Crushed Aggregate Base-90,000 SY 10" thick or 45,000 twice at 5" thick?  
A: 90,000 is for both lifts; 45,000 per lift.
- Q: Any asphalt index used on the project?  
A: No.

Robbie had issues regarding items 114 and 115. "Includes Solar Panels" will be taken off item 114. There are two (2) solar panels that Robbie is aware of. One (1) is at the gate that has a flashing light for Gate 7; that one for sure will need to be relocated. There is another one that ties to a water meter that NASA owns; there is a chance that NASA may move it. Contractor will need to bid the two (2) solar panels on item 115 and disregard the statement regarding solar panels on item 114.

|     |                                                                |
|-----|----------------------------------------------------------------|
| 114 | Sign Relocation (Includes Solar Panels), Complete in Place     |
| 115 | Relocate Solar Panels, Complete in Place                       |
| 116 | Water Line Relocation Including Valve Reset, Complete in Place |

On Item 116, there are water line relocations. It is a lump sum item. That is the only way we knew to do it to make it as simple as we could. On the plans, the Contractor will see that there are water lines running from Gate 7 to the end all the way through. There is a brand new line that was installed awhile back and there's 2", 3", 4", some 6", a little bit of everything out there. Where we broke it down was Chugach guys and DPW guys we have four (4) locations that we are aware of:

- At 33+50 there is a 2" water line that has to be tapped to the 16" water line.

- At 45+00 there is a 3" cast iron that needs to be connected to an 8" PVC.
- At 106+50 will have to move a 2" meter up at Rideout Road intersection that will have to be moved down further to the west and tying that meter on to the 2" and tying it into a 10" down there.
- At 112+00 there is a hydrant that will need to be relocated. It is on a 6".

Contractor will not be allowed to tap any of the water lines. Chugach will do all the taps; Contractor will provide all the materials do all the connections.

There will be no tapping fee.

Question was asked if these locations were shown on the plans. Robbie said no; that is why he gave the locations. He said there is a 2" line running down the road and then it does a 45 and crosses a 10" and it goes down to the treatment plant. Contractor will cut it off and tie to the 10" and abandon all the 2" that is all the way back. Robbie said if anyone would like to view the site, to get with Tom Richardson and he will escort them.

c. When a contractor is new to COH contracts, the standard specifications should be discussed with emphasis on time charges, extra work, materials, etc.

Bidders should familiarize themselves with the contract. Special attention should be made to time charges, extra work, materials, etc.

Change Order requests must be made within 10 days of occurrence.

Liquidated Damages are automatically deducted once contract time has expired.

d. State of Alabama classification required shall be stated: (MU) Municipal & Utility or (HS) Highways & Streets.

e. There are 550 calendar days to complete project. (asked during pre-bid meeting is there any concern that contract cannot be completed within contract time specified. No concerns were voiced.) Council: 6-13-13; Anticipated NTP: No later than 6-28-13.

f. Include whether construction trailer is required and whether as-builts are required

Trailer and as-builts are required. The trailer is to be ALDOT Type II and should be set up within the first two (2) weeks, paid on a monthly basis as long as it is in accordance with specs. Once the trailer is set-up, utilities will be set-up through Redstone. The contractor will need to sign a utility service agreement with RSA and will pay RSA directly through their Accounts Department for the usage. The trailer will not be used by the contractor as a storage area and may only be used by the Job

Superintendent. Red line as-builts are required to be updated on a monthly basis and the COH reserves the right to withhold monthly payments if the updates are not in order.

Progress meetings will be held at the Construction Trailer on a monthly basis.

Construction trailer will be placed in the same location as the one that was used for the utility relocations project construction trailer. Once that one is pulled, the new construction trailer will go there. Will not be able to use the sewer; trailer will have to have a holding tank.

g. Introduction and explanation of any revisions to Supplement to General Requirements – specifically detailed the following:

The underlined statement in Clause #9 is a revised statement effective 4/9/13; special attention is directed to this revision.

**9. LIABILITY INSURANCE (SEE ALSO ATTACHED INSURANCE FOR CONTRACTORS, WHICH IS SHOWN AS SECTION 24.)**

The Contractor shall provide and maintain comprehensive general public liability insurance protecting the Contractor and the City against claims arising out of or resulting from the Contractor's operation under his contract for personal injury or property damage with minimum combined single limits of \$1,000,000, whether such operations are performed by himself, or by anyone directly or indirectly employed by them. In addition, a copy of the policy may be requested upon award. Certificates of insurance acceptable to the City shall be filed with the City prior to commencement of work and said certificate shall provide that policies will not be altered or canceled until at least 30 days prior written notice has been given to the City.

The Contractor shall indemnify and hold the OWNER, its officers and employees harmless from any suits, claims, demands, damages, liabilities, costs and expenses including reasonable attorney's fees, arising out of or resulting from the performance of the work. Certificates of Insurance are required naming the City as the Certificate Holder. The Certificates should reflect the insurance coverage required herein. The Certificates are to be signed by a person authorized by the Insurer to bind coverage on its behalf and must be an original signature. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. The Certificates must indicate coverage will not be canceled or non-renewed except after thirty (30) days prior written notice to the City at the following address: City of Huntsville, P.O. Box 308, Huntsville, Alabama 35804, Attention: Penny Kelly.

The underlined statement in Clause #24E is a revised statement effective 4/9/13; special attention is directed to this revision.

**24E. VERIFICATION OF COVERAGE**

The Owner shall be indicated as a Certificate Holder and the Contractor shall furnish the Owner with Certificates of Insurance reflecting the coverage required by this document. The A.M. Best Rating and deductibles, if applicable, shall be indicated on the Certificate of Insurance for each insurance policy. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. All certificates are to be received and approved by the Owner before work commences. The Owner reserves the right to require complete, certified copies of all required insurance policies at any time. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature.

## 46. SHOP DRAWINGS

The approval of shop drawings by the Engineer will cover only the features of the design and in no case shall this approval be considered to cover error or omissions in shop details or a check of any dimensions. The Contractor shall be responsible for the accuracy of the shop drawings, the fabrication of materials and the fit of all connections; and he shall bear the cost of all extra work in erection caused by errors in shop drawings or in fabrication, inaccurate workmanship, and misfits of connections or for any changes in fabrication necessary. No work shall be done on the material before the shop drawings have been approved. Any material that the Contractor orders prior to the approval shall be at the Contractor's risk.

Substitutions or changes whether indicated or implied on shop drawings will not be considered as changes regardless of the Engineer's approval of shop drawings unless the change has been previously submitted and approved as a change order per the requirements for changes in the contract.

After a shop drawing has been approved, no changes shall be made unless directed in writing to the Owner and acceptance by the Owner of said changes. Any acceptance of change by the Owner does not constitute a change to the contract unless that change has been approved and directed in writing per change order. Compensation for preparing and furnishing all shop and working drawings shall be included in the contract unit prices for the various pay items of work.

## 18. LIQUIDATED DAMAGES

It is further understood and agreed by and between the parties to this contract, that in the event the work to be performed under this contract is not completed at the expiration of the contract time, then, and in that event, the Contractor shall pay to the City the amounts per calendar day by the schedule shown in the schedule in the City of Huntsville Standard Specifications, Section 80.11 - "Schedule of Liquidated Damages" for each day thereafter until such work is completed. The City will deduct said sum or sums from any money due the Contractor under this contract for any and all invoices submitted after the contract due date. (See Section 12). Attachment "F" - Sample of Request for Payment with Liquidated Damages shall become a part of the contract documents. Liquidated damages will be deducted from all invoices when the invoice estimate period end date is later than the contract completion date.

**Section 80.11 - "Schedule of Liquidated Damages" has been amended as follows effective 2/1/11 and revised in COH specifications 3/7/11:**

| Original Contract Amount |                  | Liquidated Damages Daily Charge |          |
|--------------------------|------------------|---------------------------------|----------|
| More Than                | To and Including | Calendar Day or Fixed Date      | Work Day |
| \$ 0                     | \$ 100,000       | \$ 200                          | \$ 400   |
| \$ 100,000               | \$ 500,000       | \$ 550                          | \$ 1,100 |
| \$ 500,000               | \$ 1,000,000     | \$ 900                          | \$ 1,800 |
| \$ 1,000,000             | \$ 2,000,000     | \$ 1,350                        | \$ 2,700 |
| \$ 2,000,000             | .....            | \$ 1,550                        | \$ 3,100 |

When the contract time is on the calendar day or date basis, the schedule for calendar days shall be used. When the contract time is on a work day basis, the schedule for work days shall be used.

Amounts in accordance with ALDOT and COH specifications and is based on contract amount before Change Orders.

12. Sequence of Construction and Traffic Control with the contractor made aware of his/her responsibility to handle traffic safely through the work zone. The method of payment for traffic control shall be discussed and clearly understood.

The intent of the project is to have both lanes remain open at all times. Traffic Control shall be performed in accordance with MUTCD, latest version, and must be maintained at all times. If traffic has to be stopped for a couple of minutes, Tom Richardson will not have to be notified. If there are any significant lane closures for an hour or more, contractor will need to let Tom Richardson know at least a day in advance so that he can advertise if necessary. If the road closure is for more than a day, he will need at least a week's notice. During peak travel times, 6:30 am -8:30 am and 3:30 pm-5:00 pm, avoid any road closures. Gate 7 is closed on the weekend and holidays. RSA encourages weekend and after-hours work.

13. For any trench cuts within existing roadways, Contractor is required to patch area with asphalt mix within the same day, unless otherwise specified by the Engineer. (Dense graded Base is no longer an acceptable means of traffic control within existing roadway cuts.)

14. Any subcontractors present were given the opportunity to ask questions or discuss items with which they are concerned. The Prime Contractor should be advised that no work by a subcontractor will be permitted unless approved by contract or in writing. Attachment "C" – "Subcontractor's Listing" in the Supplement to General Requirements for Construction of Public Improvements, City of Huntsville, Alabama has been revised and bidders are advised to pay special attention to the text and instructions listed on the attachment. Contractor shall keep the "Subcontractor's Listing" updated throughout the project duration and submit a copy of the listing with the request for final payment. Noncompliance with this request may cause delay in payment to the Contractor.

15. Anyone working for the Contractor, whether equipment and/or personnel, which are not the Prime Contractors and are not covered by subcontract, then it shall be understood that the Prime Contractor will be required to furnish a rental agreement for the equipment and carry personnel performing such work on his/her labor payroll.

**E-VERIFY – NOTICE**

The Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30 (also known as and hereinafter referred to as “ the Alabama Immigration Act”) as amended by Act No. 2012-491 on May 16, 2012 is applicable to all competitively bid contracts with the City of Huntsville. As a condition for the award of a contract and as a term and condition of the contract with the City of Huntsville, in accordance with § 31-13-9 (a) of the Alabama Immigration Act, as amended, any business entity or employer that employs one or more employees shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama.

During the performance of the contract, such business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The business entity or employer shall assure that these requirements are included in each subcontract in accordance with §31-13-9(c). Failure to comply with these requirements may result in breach of contract, termination of the contract or subcontract, and possibly suspension or revocation of business licenses and permits in accordance with §31-13-9 (e) (1) & (2). Code of Alabama (1975) § 31-13-9 (k) requires that the following clause be included in all City of Huntsville contracts that have been competitively bid and is hereby made a part of this contract:

“By signing this contract the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.”

Contractor’s E-Verify Memorandum of Understanding shall be a part of the contract bid documents and shall be submitted with the bid package.

- Bidders’ attention is directed to the following item (#53) in the “Supplement to General Requirements for Construction of Public Improvements” document as posted on the COH website for this project:

**53. ALABAMA IMMIGRATION ACT** (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975))

Compliance with the requirements of the (Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30, as amended by Alabama Act 2012-241, commonly referred to as the Alabama Immigration Law, is required for City of Huntsville, Alabama contracts

that are competitively bid as a condition of the contract performance. The Contractor shall submit in the bid package, with the requested information included on the form, the "City of Huntsville, Alabama Report of Ownership Form" listed in this document as Attachment "H". The bidder selected for award of the contract may be required to complete additional forms relating to citizenship or alien status of the bidder and its employees, including e-verify information, prior to award of a contract.

17. Asked if there are any further questions.

Q: What will the contractor be priming other than the new base that is going down?

A: Will be clarified in the addendum.

Q: Will all traffic signals be on the City's specs?

A: Yes.

Q: Any anticipation of the test areas being active on the weekends?

A: It's possible. Tom Richardson said he'd try to get a schedule of when testing will be done.

18. All questions will be answered and all clarifications made by addendum. Last day for questions concerning this project before the bid will be **May 20, 2013 until 5:00 p.m.** via fax (256) 427-5325 or email to: penny.kelly@huntsvilleal.gov. Response to contractor questions will be **May 22, 2013 until 5:00 p.m.** **Bids open: May 30, 2013 at 10:00 a.m.** in the 1<sup>st</sup> Floor Conference Room, 320 Fountain Circle, Huntsville, AL. The pre-bid notes and all addenda shall become a part of the contract documents.

| Attachment "A1"                 |                                                                                                                               | 5/22/2013 |          |            |            |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                               |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                               |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                   | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 1                               | Clearing & Grubbing (Approximately 8 acres), in accordance with ALDOT Spec 201                                                | 1         | LS       |            | \$0.00     |
| 2                               | Removing Concrete Slope Paving, in accordance with ALDOT Spec 206                                                             | 70        | SY       |            | \$0.00     |
| 3                               | Removing Concrete Median, in accordance with ALDOT Spec 206                                                                   | 75        | SY       |            | \$0.00     |
| 4                               | Removing Pipe Including Headwalls, in accordance with ALDOT Spec 206                                                          | 1,079     | LF       |            | \$0.00     |
| 5                               | Removing Guardrail Including Posts, in accordance with ALDOT Spec 206                                                         | 1,516     | LF       |            | \$0.00     |
| 6                               | Removing Curb and Gutter, in accordance with ALDOT Spec 206                                                                   | 456       | LF       |            | \$0.00     |
| 7                               | Removing Inlets, in accordance with ALDOT Spec 206                                                                            | 5         | EA       |            | \$0.00     |
| 8                               | Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once)  | 39,388    | CY       |            | \$0.00     |
| 9                               | Borrow (Fill) with 30% Shrinkage Factor Added, in accordance with ALDOT Spec 210                                              | 64,758    | CY       |            | \$0.00     |
| 10                              | Undercutting (Including Muck Excavation)                                                                                      | 23,870    | CY       |            | \$0.00     |
| 11                              | Borrow (Underwater Backfill), in accordance with ALDOT Spec 210                                                               | 37,238    | TON      |            | \$0.00     |
| 12                              | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 90,000    | SY       |            | \$0.00     |
| 13                              | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 45,000    | SY       |            | \$0.00     |
| 14                              | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 6,092     | GAL      |            | \$0.00     |
| 15                              | Joint Sealant, in accordance with ALDOT Spec 407                                                                              | 5         | MILE     |            | \$0.00     |

| Attachment "A1"                 |                                                                                                                                                                                    | 5/22/2013 |            |        |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                    |           |            |        |
| Project No. 65-10-RD09          |                                                                                                                                                                                    |           |            |        |
| ITEM #                          | DESCRIPTION                                                                                                                                                                        | BID QTY   | BID UNIT   |        |
|                                 |                                                                                                                                                                                    |           | UNIT PRICE |        |
|                                 |                                                                                                                                                                                    |           | BID AMOUNT |        |
| 16                              | Planing Existing Pavement, in accordance with ALDOT Spec 408                                                                                                                       | 3,427     | SY         | \$0.00 |
| 17                              | Material Remixing Device, in accordance with ALDOT Spec 410                                                                                                                        | 1         | EA         | \$0.00 |
| 18                              | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424    | 6,805     | TON        | \$0.00 |
| 19                              | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 165#/SY), in accordance with ALDOT Spec 424    | 25        | TON        | \$0.00 |
| 20                              | REQ'D 424A-361 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424    | 1,555     | TON        | \$0.00 |
| 21                              | REQ'D 424B-650 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424       | 30        | TON        | \$0.00 |
| 22                              | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12,567    | TON        | \$0.00 |
| 23                              | REQ'D 424B-659 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 0 TO 350#/SY), in accordance with ALDOT Spec 424 | 1,350     | TON        | \$0.00 |
| 24                              | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12,567    | TON        | \$0.00 |

| ITEM # | DESCRIPTION                                                                                                                                                                           | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 25     | REQ'D 424B-689 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 350 TO 1300#/SY), in accordance with ALDOT Spec 424 | 4.800   | TON      |            | \$0.00     |
| 26     | 430-B Aggregate Surfacing (ALDOT #467, #410 Modified, or #57), in accordance with ALDOT Spec 430                                                                                      | 750     | TON      |            | \$0.00     |
| 27     | 430B Aggregate Surfacing (ALDOT #2), in accordance with ALDOT Spec 430                                                                                                                | 8,757   | TON      |            | \$0.00     |
| 28     | Reinforced Cement Concrete Bridge End Slab, in accordance with ALDOT Spec 450                                                                                                         | 160     | SY       |            | \$0.00     |
| 29     | Steel Reinforcement (Grade 60) to be used for Substructure, in accordance with ALDOT Spec 502                                                                                         | 54,736  | LB       |            | \$0.00     |
| 30     | Steel Reinforcement For Bridge Superstructure, Station 91+76.86, Approx. 48,064 Pounds, in accordance with ALDOT Spec 502                                                             | 1       | LS       |            | \$0.00     |
| 31     | Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 55      | LF       |            | \$0.00     |
| 32     | Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 18      | LF       |            | \$0.00     |
| 33     | Special Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 48      | LF       |            | \$0.00     |
| 34     | Special Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 20      | LF       |            | \$0.00     |
| 35     | Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 103     | LF       |            | \$0.00     |
| 36     | Drilled Shaft Construction, 5'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 38      | LF       |            | \$0.00     |

| Attachment "A1"                                                                  |                                                                                                                                                                                      | 5/22/2013 |          |            |            |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| <p><b>MARTIN ROAD ON REDSTONE ARSENAL</b><br/> <b>Project No. 65-10-RD09</b></p> |                                                                                                                                                                                      |           |          |            |            |
| ITEM #                                                                           | DESCRIPTION                                                                                                                                                                          | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 37                                                                               | Crosshole Sonic Logging, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 6         | EA       |            | \$0.00     |
| 38                                                                               | Crosshole Sonic Logging, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 2         | EA       |            | \$0.00     |
| 39                                                                               | Structural Steel, in accordance with ALDOT Spec 508                                                                                                                                  | 3,704     | LB       |            | \$0.00     |
| 40                                                                               | Bridge Substructure Concrete, Class A, in accordance with ALDOT Spec 510                                                                                                             | 127       | CY       |            | \$0.00     |
| 41                                                                               | Bridge Concrete Superstructure, Station 91+76.86, Approx. 162 Cu. Yds., in accordance with ALDOT Spec 510                                                                            | 1         | LS       |            | \$0.00     |
| 42                                                                               | Grooving Concrete Bridge Decks, in accordance with ALDOT Spec 510                                                                                                                    | 436       | SY       |            | \$0.00     |
| 43                                                                               | Elastomeric Bearings, Type 2 (Mark B4) Modified, in accordance with ALDOT Spec 511                                                                                                   | 28        | EA       |            | \$0.00     |
| 44                                                                               | Pretensioned-Prestressed Concrete Girders, Type BT-63 (Specialty Item), in accordance with ALDOT Spec 513                                                                            | 847       | LF       |            | \$0.00     |
| 45                                                                               | Culvert Extension and Wings Concrete, Including Steel Reinforcement, in accordance with ALDOT Spec 524 (Complete in Place)                                                           | 1         | LS       |            | \$0.00     |
| 46                                                                               | Required Shoring, in accordance with ALDOT Spec 215                                                                                                                                  | 1         | LS       |            | \$0.00     |
| 47                                                                               | 15" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 66        | LF       |            | \$0.00     |
| 48                                                                               | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 3,631     | LF       |            | \$0.00     |

| Attachment "A1"                 |                                                                                                                                                                                                     | 5/22/2013 |          |            |            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                                     |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                                                                                                     |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                                                                                         | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 49                              | 24" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 376       | LF       |            | \$0.00     |
| 50                              | 30" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 408       | LF       |            | \$0.00     |
| 51                              | 36" Span, 23" Rise Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 146       | LF       |            | \$0.00     |
| 52                              | Type 2 Field Office in accordance with ALDOT Spec 603                                                                                                                                               | 1         | LS       |            | \$0.00     |

| Attachment "A1"                                           |                                                                                                                                  | 5/22/2013 |          |            |            |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                  |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                                                      | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 53                                                        | Loose Riprap, Class 2, in accordance with ALDOT Spec 610                                                                         | 3,705     | SY       |            | \$0.00     |
| 54                                                        | Filter Blanket, Geotextile, in accordance with ALDOT Spec 610                                                                    | 3,705     | SY       |            | \$0.00     |
| 55                                                        | Reinforced Slope Paving (Monolithic Islands), in accordance with ALDOT Spec 614                                                  | 184       | CY       |            | \$0.00     |
| 56                                                        | DBL 15" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                           | 1         | EA       |            | \$0.00     |
| 57                                                        | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 21        | EA       |            | \$0.00     |
| 58                                                        | 24" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 5         | EA       |            | \$0.00     |
| 59                                                        | 36" Span, 23" Rise Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                | 3         | EA       |            | \$0.00     |
| 60                                                        | Minor Structure Concrete (Concrete Collar including Steel Reinforcement), in accordance with ALDOT Spec 620, Complete in Place   | 1         | CY       |            | \$0.00     |
| 61                                                        | Junction Boxes Type 1, in accordance with ALDOT Spec 621                                                                         | 1         | EA       |            | \$0.00     |
| 62                                                        | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                 | 19        | EA       |            | \$0.00     |
| 63                                                        | Inlet, Type C, in accordance with ALDOT Spec 621                                                                                 | 1         | EA       |            | \$0.00     |
| 64                                                        | Open Throat Inlet, in accordance with City of Huntsville DR-127A, DR-127B, and DR-127C, City of Huntsville Logo Not Required     | 1         | EA       |            | \$0.00     |
| 65                                                        | S Type Inlet (1 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 3         | EA       |            | \$0.00     |

| Attachment "A1"                                                   |                                                                                                                                  | 5/22/2013 |            |        |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
| <p>MARTIN ROAD ON REDSTONE ARSENAL<br/>Project No. 65-10-RD09</p> |                                                                                                                                  |           |            |        |
| ITEM #                                                            | DESCRIPTION                                                                                                                      | BID QTY   | BID UNIT   |        |
|                                                                   |                                                                                                                                  |           | UNIT PRICE |        |
|                                                                   |                                                                                                                                  |           | BID AMOUNT |        |
| 66                                                                | S Type Inlet (2 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 1         | EA         | \$0.00 |
| 67                                                                | Inlet, Type E3, in accordance with ALDOT Spec 621                                                                                | 4         | EA         | \$0.00 |
| 68                                                                | Inlet, Type E, in accordance with ALDOT Spec 621                                                                                 | 1         | EA         | \$0.00 |
| 69                                                                | Monitoring Well Height Adjustment, Per Detail as Shown in Plans                                                                  | 5         | EA         | \$0.00 |
| 70                                                                | Concrete Curb, Type N, in accordance with ALDOT Spec 623                                                                         | 2,217     | LF         | \$0.00 |
| 71                                                                | Concrete Curb, Type N Special, in accordance with ALDOT Spec 623                                                                 | 241       | LF         | \$0.00 |
| 72                                                                | Combination Curb & Gutter, 24" Total Width, in accordance with City of Huntsville ST-200                                         | 594       | LF         | \$0.00 |
| 73                                                                | Concrete Median or Safety Barrier, Type 1A (Reinforced), in accordance with ALDOT Spec 629                                       | 2,890     | LF         | \$0.00 |
| 74                                                                | Concrete Median or Safety Barrier, Type 4A (Reinforced), in accordance with ALDOT Spec 629                                       | 561       | LF         | \$0.00 |
| 75                                                                | Concrete Median or Safety Barrier, Type 8 (Reinforced), in accordance with ALDOT Spec 629                                        | 520       | LF         | \$0.00 |
| 76                                                                | Steel Beam Guardrail, Class A, Type 1, in accordance with ALDOT Spec 630                                                         | 2,975     | LF         | \$0.00 |
| 77                                                                | Guardrail End Anchor, Type 8 Series, in accordance with ALDOT Spec 630                                                           | 6         | EA         | \$0.00 |
| 78                                                                | Guardrail End Anchor, Type 13 Series, in accordance with ALDOT Spec 630                                                          | 3         | EA         | \$0.00 |
| 79                                                                | Guardrail End Anchor, Type 20 Series, in accordance with ALDOT Spec 630                                                          | 7         | EA         | \$0.00 |



| Attachment "A1"                 |                                                                                         |         |          |            |            | 5/22/2013 |  |
|---------------------------------|-----------------------------------------------------------------------------------------|---------|----------|------------|------------|-----------|--|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                         |         |          |            |            |           |  |
| Project No. 65-10-RD09          |                                                                                         |         |          |            |            |           |  |
| ITEM #                          | DESCRIPTION                                                                             | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |           |  |
| 94                              | Silt Fence Removal, in accordance with ALDOT Spec 665                                   | 24,750  | LF       |            | \$0.00     |           |  |
| 95                              | Wattle, in accordance with ALDOT Spec 665                                               | 2,175   | LF       |            | \$0.00     |           |  |
| 96                              | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                       | 10      | EA       |            | \$0.00     |           |  |
| 97                              | 701-A Solid White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701    | 5       | MILE     |            | \$0.00     |           |  |
| 98                              | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 5       | MILE     |            | \$0.00     |           |  |
| 99                              | 701-A Broken White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 5       | MILE     |            | \$0.00     |           |  |
| 100                             | 701-B Dotted Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701          | 3,135   | LF       |            | \$0.00     |           |  |
| 101                             | 701-C Solid Temporary Traffic Stripe (Paint), in accordance with ALDOT Spec 701         | 8       | MILE     |            | \$0.00     |           |  |
| 102                             | 701-D Solid Temporary Traffic Stripe Removed (Paint), in accordance with ALDOT Spec 701 | 8       | MILE     |            | \$0.00     |           |  |
| 103                             | 703-A Traffic Control Markings, Class 2, Type A, in accordance with ALDOT Spec 703      | 2,885   | SF       |            | \$0.00     |           |  |
| 104                             | 703-B Traffic Control Legends, Class 2, Type A, in accordance with ALDOT Spec 703       | 337     | SF       |            | \$0.00     |           |  |
| 105                             | 705-A Pavement Markers, Class A-H, Type 2-C, in accordance with ALDOT Spec 705          | 64      | EA       |            | \$0.00     |           |  |

| Attachment "A1"                 |                                                                                                                                                                     | 5/22/2013 |          |            |            |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                     |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                                                                     |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                                                         | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 106                             | 705-A Pavement Markers, Class A-H, Type 1-A, in accordance with ALDOT Spec 705                                                                                      | 374       | EA       |            | \$0.00     |
| 107                             | 705-A Pavement Markers, Class A-H, Type 1-B, in accordance with ALDOT Spec 705                                                                                      | 368       | EA       |            | \$0.00     |
| 108                             | 705-A Pavement Markers, Class A-H, Type 2-E, in accordance with ALDOT Spec 705                                                                                      | 161       | EA       |            | \$0.00     |
| 109                             | 705-A Pavement Markers, Class C, Type 2-D (Temporary), in accordance with ALDOT Spec 705                                                                            | 292       | EA       |            | \$0.00     |
| 110                             | 710-A Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background), in accordance with ALDOT Spec 710         | 138       | SF       |            | \$0.00     |
| 111                             | 710-A Class 2A, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III, Type IV or VIII Background), in accordance with ALDOT Spec 710 | 27        | SF       |            | \$0.00     |
| 112                             | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background), in accordance with ALDOT Spec 710                     | 91        | SF       |            | \$0.00     |
| 113                             | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                                        | 510       | LF       |            | \$0.00     |
| 114                             | Sign Relocation (includes Solar Panels), Complete in Place                                                                                                          | 33        | EA       |            | \$0.00     |
| 115                             | Relocate Solar Panels, Complete in Place                                                                                                                            | 1         | LS       |            | \$0.00     |
| 116                             | Water Line Relocation Including Valve Reset, Complete in Place                                                                                                      | 1         | LS       |            | \$0.00     |
| 117                             | Permanent Barricades, in accordance with ALDOT Spec 713                                                                                                             | 106       | LF       |            | \$0.00     |
| 118                             | Vehicular Impact Attenuator Assembly (BI-Directional, TL-3), in accordance with ALDOT Spec 720                                                                      | 4         | EA       |            | \$0.00     |

| Attachment "A1"                 |                                                                                                                 | 5/22/2013 |          |            |            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                 |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                 |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                     | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 119                             | Removal of Existing Traffic Control Unit, in accordance with ALDOT Spec 730                                     | 1         | LS       |            | \$0.00     |
| 120                             | Furnishing and Installing Traffic Control Unit (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730   | 2         | EA       |            | \$0.00     |
| 121                             | Metal Traffic Signal Pole Foundation, in accordance with ALDOT Spec 730                                         | 8         | EA       |            | \$0.00     |
| 122                             | Metal Traffic Strain Pole with Mast Arm, in accordance with ALDOT Spec 730                                      | 8         | EA       |            | \$0.00     |
| 123                             | 1", Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                     | 50        | LF       |            | \$0.00     |
| 124                             | 2", Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                     | 755       | LF       |            | \$0.00     |
| 125                             | Vehicular Signal Head, 12 Inch, 3 Section, Type LED, in accordance with ALDOT Spec 730                          | 10        | EA       |            | \$0.00     |
| 126                             | Vehicular Signal Head, 12 Inch, 5 Section, Type LED, in accordance with ALDOT Spec 730                          | 9         | EA       |            | \$0.00     |
| 127                             | Controller Assembly, Type III, 8 Phase, in accordance with ALDOT Spec 730                                       | 2         | EA       |            | \$0.00     |
| 128                             | Traffic Signal Junction Boxes - Compete-In-Place, in accordance with ALDOT Spec 730                             | 8         | EA       |            | \$0.00     |
| 129                             | Wood Pole, in accordance with ALDOT Spec 730                                                                    | 2         | EA       |            | \$0.00     |
| 130                             | Furnishing and Installing Video Detection System (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730 | 1         | LS       |            | \$0.00     |
| 131                             | 740-B Construction Signs, in accordance with ALDOT Spec 740                                                     | 624       | SF       |            | \$0.00     |
| 132                             | 740-D Channelizing Drums, in accordance with ALDOT Spec 740                                                     | 536       | EA       |            | \$0.00     |

| Attachment "A1"                                                                                |                                                                                                                               | 5/22/2013 |          |            |               |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|---------------|
| <p><b>MARTIN ROAD ON REDSTONE ARSENAL</b><br/> <b>Project No. 65-10-RD09</b></p>               |                                                                                                                               |           |          |            |               |
| ITEM #                                                                                         | DESCRIPTION                                                                                                                   | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT    |
| 133                                                                                            | 740-E Cones (36 inches High), in accordance with ALDOT Spec 740                                                               | 200       | EA       |            | \$0.00        |
| 134                                                                                            | 740-F Barricades, Type III, in accordance with ALDOT Spec 740                                                                 | 4         | EA       |            | \$0.00        |
| 135                                                                                            | 740-I Warning Lights, Type B (Detachable Head), in accordance with ALDOT Spec 740                                             | 2         | EA       |            | \$0.00        |
| 136                                                                                            | 740-M Ballast For Cone, in accordance with ALDOT Spec 740                                                                     | 200       | EA       |            | \$0.00        |
| 137                                                                                            | Portable Sequential Arrow and Chevron Sign Unit, in accordance with ALDOT Spec 741                                            | 2         | EA       |            | \$0.00        |
| 138                                                                                            | 6" Electrical Conduit, 1 Line, Type 5 Installation, in accordance with ALDOT Spec 756                                         | 400       | LF       |            | \$0.00        |
| 139                                                                                            | Mobilization, Bonds, Permits, ADEM Monitoring, etc., in accordance with ALDOT Spec 600                                        | 1         | LS       |            | \$0.00        |
| 140                                                                                            | Engineering Controls & Construction Staking, in accordance with ALDOT Spec 680                                                | 1         | LS       |            | \$0.00        |
| 141                                                                                            | Portable Concrete Safety Barriers, Type 6                                                                                     | 4,730     | LF       |            | \$0.00        |
| <b>TOTAL BASE BID</b>                                                                          |                                                                                                                               |           |          |            | <b>\$0.00</b> |
| <b>OPTION #1: Bid Option For Construction of Median Cross Over From Sta 34+26 to Sta 35+74</b> |                                                                                                                               |           |          |            |               |
| 1-1                                                                                            | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 36        | GAL      |            | \$0.00        |
| 1-2                                                                                            | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 1,182     | SY       |            | \$0.00        |
| 1-3                                                                                            | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 591       | SY       |            | \$0.00        |

| Attachment "A1"                 |                                                                                                                                                                                      | 5/22/2013 |          |            |            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                      |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                                                                                      |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                                                                          | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 1-4                             | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424       | 40        | TON      |            | \$0.00     |
| 1-5                             | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-6                             | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-7                             | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT spec 533 and City of Huntsville Spec DR-166 | 71        | LF       |            | \$0.00     |
| 1-8                             | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                                                                                   | 1         | EA       |            | \$0.00     |
| 1-9                             | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                                                                     | 1         | EA       |            | \$0.00     |
| 1-10                            | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                                                                                                                    | 1         | EA       |            | \$0.00     |
| 1-11                            | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                                                                                                          | 7         | CY       |            | \$0.00     |
| 1-12                            | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701                                                                                                | 1         | MILE     |            | \$0.00     |

5/22/2013

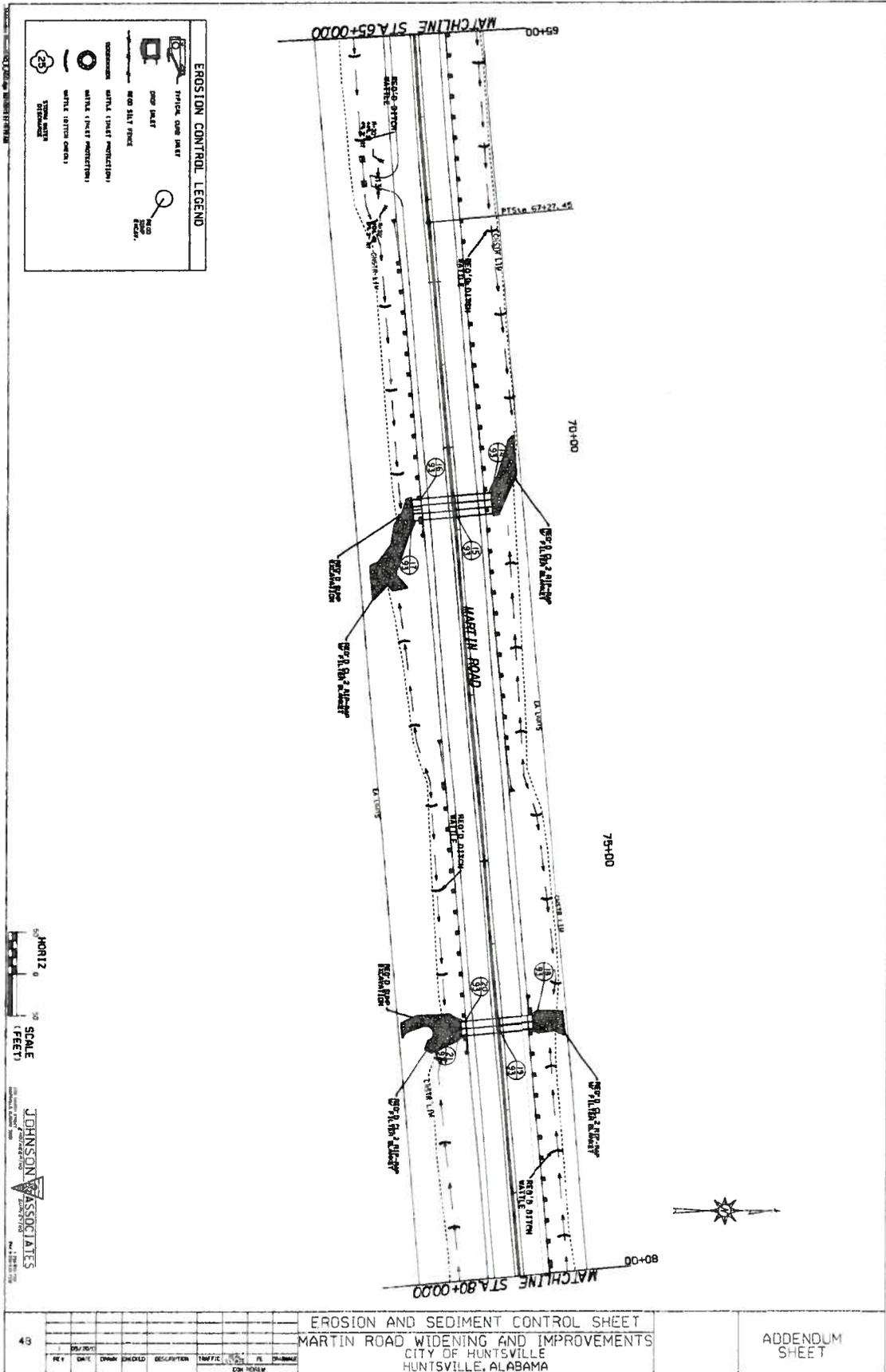
**Attachment "A1"**  
**MARTIN ROAD ON REDSTONE ARSENAL**  
**Project No. 65-10-RD09**

| ITEM #                                                              | DESCRIPTION                                                                                                                                     | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 1-13                                                                | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background), in accordance with ALDOT Spec 710 | 8       | SF       |            | \$0.00     |
| 1-14                                                                | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                    | 30      | LF       |            | \$0.00     |
| <b>TOTAL OPTION #1:</b>                                             |                                                                                                                                                 |         |          |            |            |
| <b>OPTION #2</b>                                                    |                                                                                                                                                 |         |          |            |            |
| 2-1                                                                 | Bid Option For Digital As-Built Drawings                                                                                                        | 1       | LS       |            | \$0.00     |
| <b>TOTAL OPTION #2:</b>                                             |                                                                                                                                                 |         |          |            |            |
| <b>OPTION #3: Bid Option For Removal of Overhead Electric Poles</b> |                                                                                                                                                 |         |          |            |            |
| 3-1                                                                 | Wooden Utility Poles North of Martin Road at Rideout Road (Complete in Place)                                                                   | 3       | EA       |            | \$0.00     |
| 3-2                                                                 | Wooden Utility Poles South of Martin Road at Rideout Road (Complete in Place)                                                                   | 1       | EA       |            | \$0.00     |
| <b>TOTAL OPTION #3:</b>                                             |                                                                                                                                                 |         |          |            |            |
| <b>TOTAL BASE BID + OPTION #1 + OPTION #2 + OPTION #3:</b>          |                                                                                                                                                 |         |          |            |            |
| <b>\$0.00</b>                                                       |                                                                                                                                                 |         |          |            |            |

**ALL ITEMS SHALL BE CONSIDERED IN-PLACE. UNIT PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND REMOVAL REQUIRED FOR CONSTRUCTION.**

Company \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_





**EROSION CONTROL LEGEND**

- TYPICAL CURB INLET
- DROP INLET
- RED SILT FENCE
- SILT FENCE (POST PROTECTION)
- SILT FENCE (POST PROTECTION) WITH WHITE SILT FENCE
- STORM WATER STRUCTURE
- ROAD SIGN

HORIZ 50  
SCALE 1" = 50 FEET

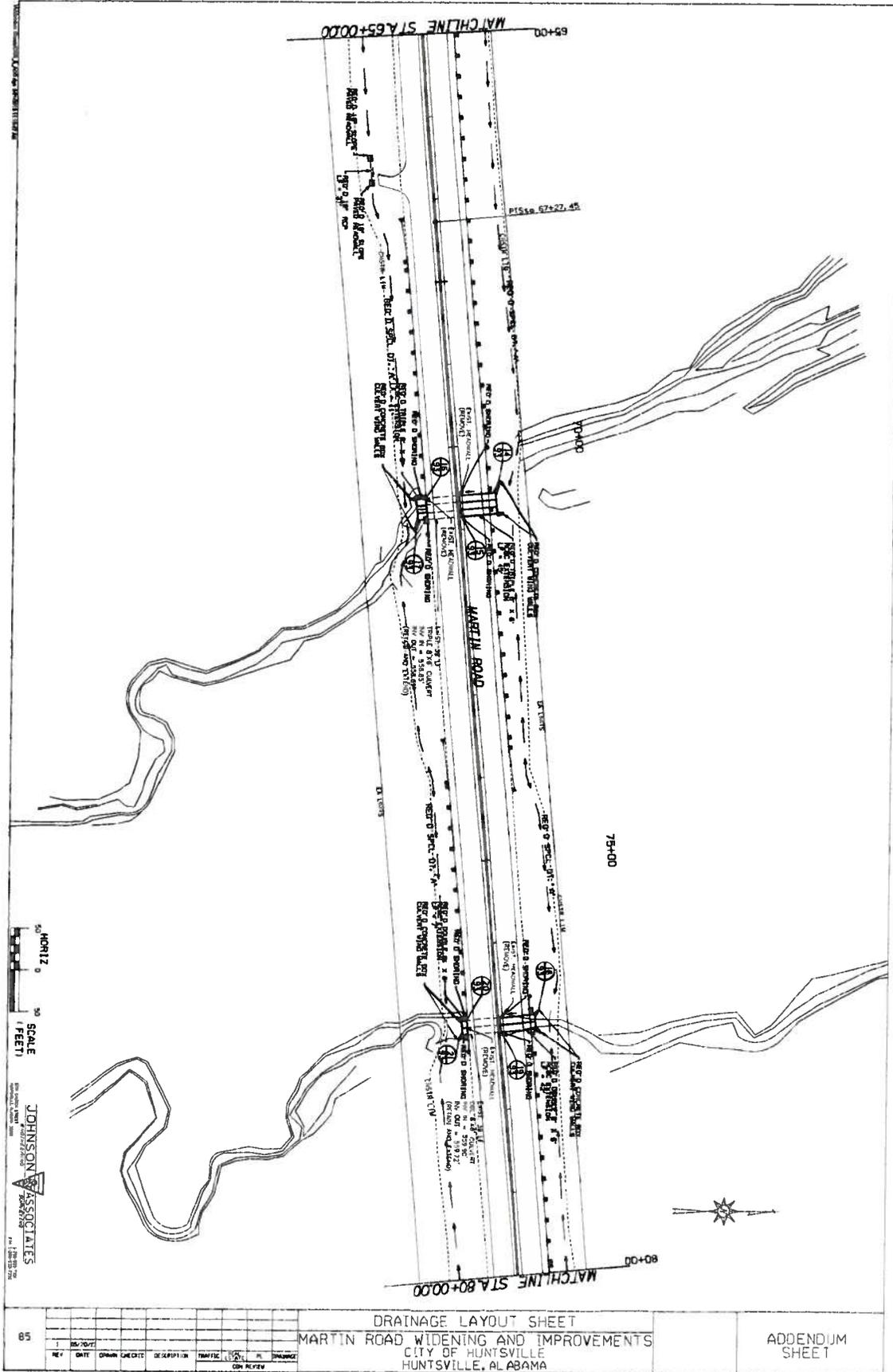
JOHNSON ASSOCIATES  
CONSULTING ENGINEERS  
1100 17TH AVENUE S.W.  
HUNTSVILLE, AL 35894  
TEL: 256-833-1100  
FAX: 256-833-1101

| REV | DATE | BY | CHECKED | DESCRIPTION | IN CHARGE | SCALE | DATE |
|-----|------|----|---------|-------------|-----------|-------|------|
|     |      |    |         |             |           |       |      |

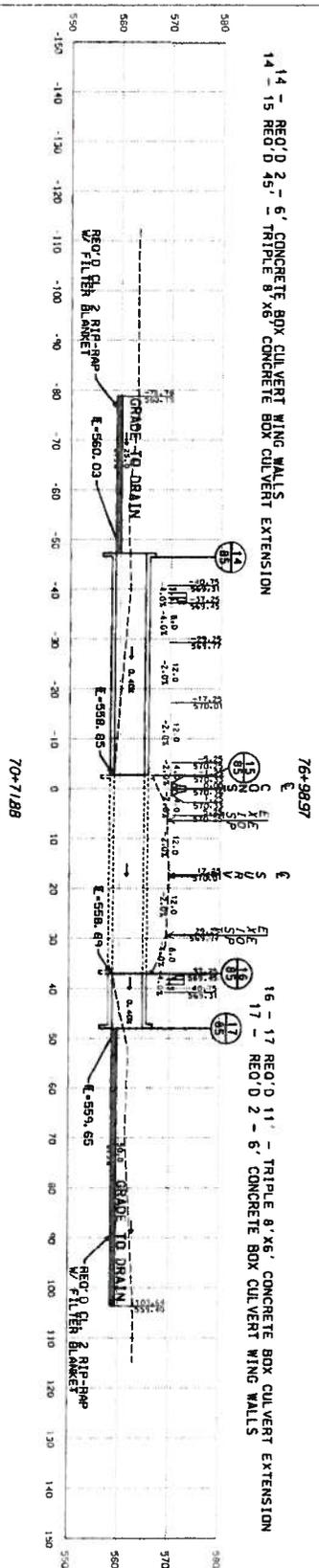
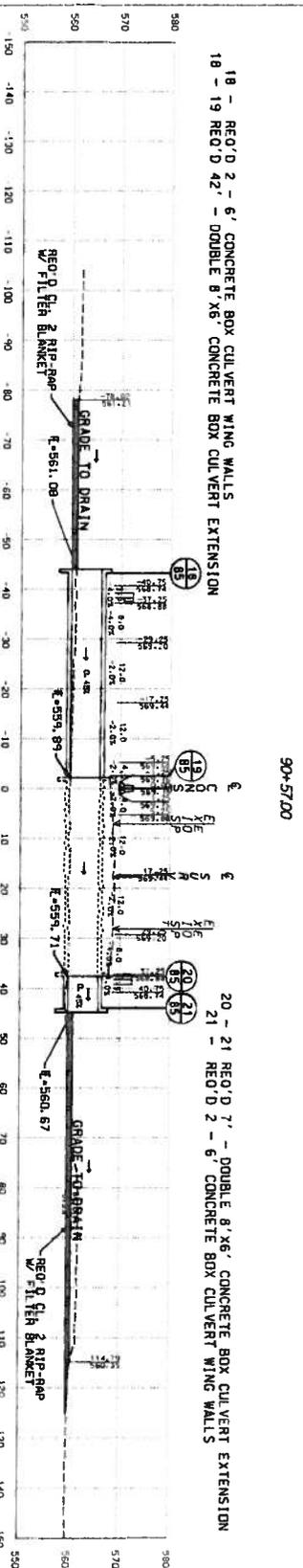
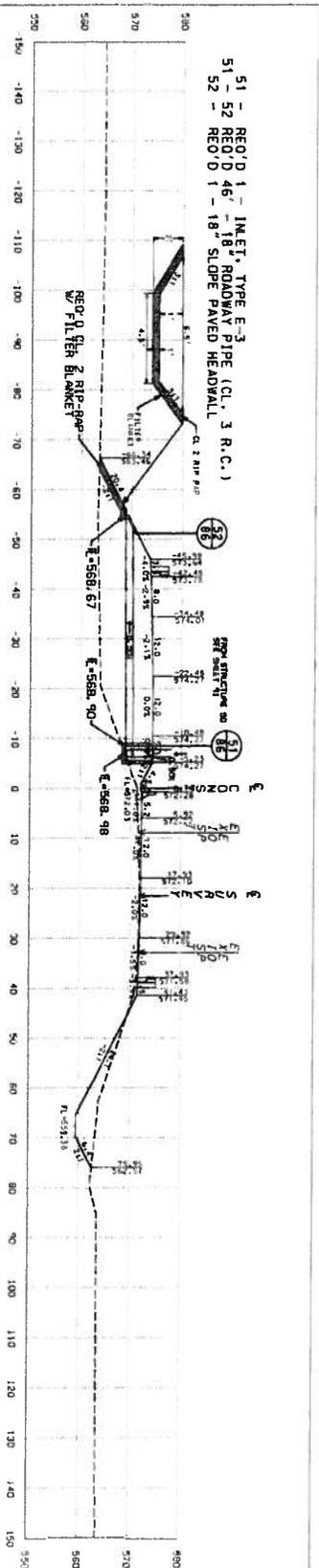
EROSION AND SEDIMENT CONTROL SHEET  
MARTIN ROAD WIDENING AND IMPROVEMENTS  
CITY OF HUNTSVILLE  
HUNTSVILLE, ALABAMA

ADDENDUM SHEET





|                                                                                                             |      |    |         |             |         |    |           |                     |  |
|-------------------------------------------------------------------------------------------------------------|------|----|---------|-------------|---------|----|-----------|---------------------|--|
| 85                                                                                                          |      |    |         |             |         |    |           |                     |  |
| REV                                                                                                         | DATE | BY | CHECKED | DESCRIPTION | TRAFFIC | IN | DISPOSURE |                     |  |
|                                                                                                             |      |    |         |             |         |    |           |                     |  |
| DRAINAGE LAYOUT SHEET<br>MARTIN ROAD WIDENING AND IMPROVEMENTS<br>CITY OF HUNTSVILLE<br>HUNTSVILLE, ALABAMA |      |    |         |             |         |    |           |                     |  |
|                                                                                                             |      |    |         |             |         |    |           | ADDENDUM<br>SHEET 1 |  |



HORIZ 1" = 10' VERT 1" = 10'  
 SCALE (FEET)  
 JOHNSON ASSOCIATES  
 CONSULTING ENGINEERS  
 447 W. 10TH ST. SUITE 100  
 HUNTSVILLE, AL 35894  
 TEL: 256-881-1111

|                                       |     |      |       |         |             |            |           |       |      |
|---------------------------------------|-----|------|-------|---------|-------------|------------|-----------|-------|------|
| MARTIN ROAD DRAINAGE CROSS SECTIONS   |     |      |       |         |             |            |           |       |      |
| MARTIN ROAD WIDENING AND IMPROVEMENTS |     |      |       |         |             |            |           |       |      |
| CITY OF HUNTSVILLE                    |     |      |       |         |             |            |           |       |      |
| HUNTSVILLE, ALABAMA                   |     |      |       |         |             |            |           |       |      |
| 93                                    | NO. | DATE | DRWG. | REVISED | DESIGNED BY | CHECKED BY | IN CHARGE | SCALE | DATE |
|                                       |     |      |       |         |             |            |           |       |      |

ADDENDUM SHEET



# HUNTSVILLE

Urban Development Department  
Engineering Division

Kathy Martin, P.E.  
Director  
City Engineer

## **MARTIN ROAD ON REDSTONE ARSENAL**

**Project No. 65-10-RD09**

**May 23, 2013**

### **Addendum #2**

All addenda and attachments for the above-referenced project will become part of the contract documents.

**Attachment "A1" is amended as follows:**

Replace bid quantities with "replacement", **Attachment "A2"**. **All bids must be submitted using Attachment "A2"**.

### **Quantities Revision:**

**New Item:**

Item #142 - Permanent Drilled Shaft Casing, 5'-0" Diameter, in accordance with ALDOT Spec 506 – 25 - LF

All addenda must be acknowledged either on the outside of the bid envelope or on the second page of your bid proposal known as Attachment "B".

**Attachments: Revised Attachment "A2"**

**END OF ADDENDUM #2**

**The Star of Alabama**

## Attachment "A2"

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

| ITEM # | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 1      | Clearing & Grubbing (Approximately 8 acres), in accordance with ALDOT Spec 201                                                | 1       | LS       |            | \$0.00     |
| 2      | Removing Concrete Slope Paving, in accordance with ALDOT Spec 206                                                             | 70      | SY       |            | \$0.00     |
| 3      | Removing Concrete Median, in accordance with ALDOT Spec 206                                                                   | 75      | SY       |            | \$0.00     |
| 4      | Removing Pipe Including Headwalls, in accordance with ALDOT Spec 206                                                          | 1,079   | LF       |            | \$0.00     |
| 5      | Removing Guardrail Including Posts, in accordance with ALDOT Spec 206                                                         | 1,516   | LF       |            | \$0.00     |
| 6      | Removing Curb and Gutter, in accordance with ALDOT Spec 206                                                                   | 456     | LF       |            | \$0.00     |
| 7      | Removing Inlets, in accordance with ALDOT Spec 206                                                                            | 5       | EA       |            | \$0.00     |
| 8      | Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once)  | 39,388  | CY       |            | \$0.00     |
| 9      | Borrow (Fill) with 30% Shrinkage Factor Added, in accordance with ALDOT Spec 210                                              | 64,758  | CY       |            | \$0.00     |
| 10     | Undercutting (Including Muck Excavation)                                                                                      | 23,870  | CY       |            | \$0.00     |
| 11     | Borrow (Underwater Backfill), in accordance with ALDOT Spec 210                                                               | 37,238  | TON      |            | \$0.00     |
| 12     | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 90,000  | SY       |            | \$0.00     |
| 13     | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 45,000  | SY       |            | \$0.00     |
| 14     | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 6,092   | GAL      |            | \$0.00     |
| 15     | Joint Sealant, in accordance with ALDOT Spec 407                                                                              | 5       | MILE     |            | \$0.00     |

Attachment "A2"

5/23/2013

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

| ITEM # | DESCRIPTION                                                                                                                                                                        | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 16     | Planing Existing Pavement, in accordance with ALDOT Spec 408                                                                                                                       | 3,427   | SY       |            | \$0.00     |
| 17     | Material Remixing Device, in accordance with ALDOT Spec 410                                                                                                                        | 1       | EA       |            | \$0.00     |
| 18     | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424    | 6,805   | TON      |            | \$0.00     |
| 19     | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 165#/SY), in accordance with ALDOT Spec 424    | 25      | TON      |            | \$0.00     |
| 20     | REQ'D 424A-361 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424    | 1,555   | TON      |            | \$0.00     |
| 21     | REQ'D 424B-650 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424       | 30      | TON      |            | \$0.00     |
| 22     | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12,567  | TON      |            | \$0.00     |
| 23     | REQ'D 424B-659 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 0 TO 350#/SY), in accordance with ALDOT Spec 424 | 1,350   | TON      |            | \$0.00     |
| 24     | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12,567  | TON      |            | \$0.00     |

11/15/13 - 13/15/13 - 13/15/13

| Attachment "A2"                 |                                                                                                                                                                                       |         |          |            |            | 5/23/2013 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|-----------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                       |         |          |            |            |           |
| Project No. 65-10-RD09          |                                                                                                                                                                                       |         |          |            |            |           |
| ITEM #                          | DESCRIPTION                                                                                                                                                                           | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |           |
| 25                              | REQ'D 424B-689 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 350 TO 1300#/SY), in accordance with ALDOT Spec 424 | 4,800   | TON      |            | \$0.00     |           |
| 26                              | 430-B Aggregate Surfacing (ALDOT #467, #410 Modified, or #57), in accordance with ALDOT Spec 430                                                                                      | 750     | TON      |            | \$0.00     |           |
| 27                              | 430B Aggregate Surfacing (ALDOT #2), in accordance with ALDOT Spec 430                                                                                                                | 8,757   | TON      |            | \$0.00     |           |
| 28                              | Reinforced Cement Concrete Bridge End Slab, in accordance with ALDOT Spec 450                                                                                                         | 160     | SY       |            | \$0.00     |           |
| 29                              | Steel Reinforcement (Grade 60) to be used for Substructure, in accordance with ALDOT Spec 502                                                                                         | 54,736  | LB       |            | \$0.00     |           |
| 30                              | Steel Reinforcement For Bridge Superstructure, Station 91+76.86, Approx. 48,064 Pounds, in accordance with ALDOT Spec 502                                                             | 1       | LS       |            | \$0.00     |           |
| 31                              | Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 55      | LF       |            | \$0.00     |           |
| 32                              | Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 18      | LF       |            | \$0.00     |           |
| 33                              | Special Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 48      | LF       |            | \$0.00     |           |
| 34                              | Special Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 20      | LF       |            | \$0.00     |           |
| 35                              | Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 103     | LF       |            | \$0.00     |           |
| 36                              | Drilled Shaft Construction, 5'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                                                                                     | 38      | LF       |            | \$0.00     |           |

AUG 21 4 01 PM '07/13/13

| Attachment "A2"                                                  |                                                                                                                                                                                      |         |          |            |            | 5/23/2013 |  |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|-----------|--|
| <b>MARTIN ROAD ON REDSTONE ARSENAL</b><br>Project No. 65-10-RD09 |                                                                                                                                                                                      |         |          |            |            |           |  |
| ITEM #                                                           | DESCRIPTION                                                                                                                                                                          | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |           |  |
| 37                                                               | Crosshole Sonic Logging, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 6       | EA       |            | \$0.00     |           |  |
| 38                                                               | Crosshole Sonic Logging, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 2       | EA       |            | \$0.00     |           |  |
| 39                                                               | Structural Steel, in accordance with ALDOT Spec 508                                                                                                                                  | 3,704   | LB       |            | \$0.00     |           |  |
| 40                                                               | Bridge Substructure Concrete, Class A, in accordance with ALDOT Spec 510                                                                                                             | 127     | CY       |            | \$0.00     |           |  |
| 41                                                               | Bridge Concrete Superstructure, Station 91+76.86, Approx. 162 Cu. Yds., in accordance with ALDOT Spec 510                                                                            | 1       | LS       |            | \$0.00     |           |  |
| 42                                                               | Grooving Concrete Bridge Decks, in accordance with ALDOT Spec 510                                                                                                                    | 436     | SY       |            | \$0.00     |           |  |
| 43                                                               | Elastomeric Bearings, Type 2 (Mark B4) Modified, in accordance with ALDOT Spec 511                                                                                                   | 28      | EA       |            | \$0.00     |           |  |
| 44                                                               | Pretensioned-Prestressed Concrete Girders, Type BT-63 (Specialty Item), in accordance with ALDOT Spec 513                                                                            | 847     | LF       |            | \$0.00     |           |  |
| 45                                                               | Culvert Extension and Wings Concrete, Including Steel Reinforcement, in accordance with ALDOT Spec 524 (Complete in Place)                                                           | 1       | LS       |            | \$0.00     |           |  |
| 46                                                               | Required Shoring, in accordance with ALDOT Spec 215                                                                                                                                  | 1       | LS       |            | \$0.00     |           |  |
| 47                                                               | 15" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 66      | LF       |            | \$0.00     |           |  |
| 48                                                               | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 3,631   | LF       |            | \$0.00     |           |  |

| Attachment "A2"                                           |                                                                                                                                                                                                     | 5/23/2013 |          |            |            |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                                                     |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                                                         | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 49                                                        | 24" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 376       | LF       |            | \$0.00     |
| 50                                                        | 30" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 408       | LF       |            | \$0.00     |
| 51                                                        | 36" Span, 23" Rise Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 146       | LF       |            | \$0.00     |
| 52                                                        | Type 2 Field Office in accordance with ALDOT Spec 603                                                                                                                                               | 1         | LS       |            | \$0.00     |

| Attachment "A2"                                                                  |                                                                                                                                  | 5/23/2013 |          |            |            |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| <p><b>MARTIN ROAD ON REDSTONE ARSENAL</b><br/> <b>Project No. 65-10-RD09</b></p> |                                                                                                                                  |           |          |            |            |
| ITEM #                                                                           | DESCRIPTION                                                                                                                      | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 53                                                                               | Loose Riprap, Class 2, in accordance with ALDOT Spec 610                                                                         | 3,705     | SY       |            | \$0.00     |
| 54                                                                               | Filter Blanket, Geotextile, in accordance with ALDOT Spec 610                                                                    | 3,705     | SY       |            | \$0.00     |
| 55                                                                               | Reinforced Slope Paving (Monolithic Islands), in accordance with ALDOT Spec 614                                                  | 184       | CY       |            | \$0.00     |
| 56                                                                               | DBL 15" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                           | 1         | EA       |            | \$0.00     |
| 57                                                                               | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 21        | EA       |            | \$0.00     |
| 58                                                                               | 24" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 5         | EA       |            | \$0.00     |
| 59                                                                               | 36" Span, 23" Rise Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                | 3         | EA       |            | \$0.00     |
| 60                                                                               | Minor Structure Concrete (Concrete Collar including Steel Reinforcement), in accordance with ALDOT Spec 620, Complete in Place   | 1         | CY       |            | \$0.00     |
| 61                                                                               | Junction Boxes Type 1, in accordance with ALDOT Spec 621                                                                         | 1         | EA       |            | \$0.00     |
| 62                                                                               | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                 | 19        | EA       |            | \$0.00     |
| 63                                                                               | Inlet, Type C, in accordance with ALDOT Spec 621                                                                                 | 1         | EA       |            | \$0.00     |
| 64                                                                               | Open Throat Inlet, in accordance with City of Huntsville DR-127A, DR-127B, and DR-127C, City of Huntsville Logo Not Required     | 1         | EA       |            | \$0.00     |
| 65                                                                               | S Type Inlet (1 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 3         | EA       |            | \$0.00     |

| Attachment "A2"                                                         |                                                                                                                                  | 5/23/2013 |          |            |            |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| <b>MARTIN ROAD ON REDSTONE ARSENAL</b><br><b>Project No. 65-10-RD09</b> |                                                                                                                                  |           |          |            |            |
| ITEM #                                                                  | DESCRIPTION                                                                                                                      | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 66                                                                      | S Type Inlet (2 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 1         | EA       |            | \$0.00     |
| 67                                                                      | Inlet, Type E3, in accordance with ALDOT Spec 621                                                                                | 4         | EA       |            | \$0.00     |
| 68                                                                      | Inlet, Type E, in accordance with ALDOT Spec 621                                                                                 | 1         | EA       |            | \$0.00     |
| 69                                                                      | Monitoring Well Height Adjustment, Per Detail as Shown in Plans                                                                  | 5         | EA       |            | \$0.00     |
| 70                                                                      | Concrete Curb, Type N, in accordance with ALDOT Spec 623                                                                         | 2,217     | LF       |            | \$0.00     |
| 71                                                                      | Concrete Curb, Type N Special, in accordance with ALDOT Spec 623                                                                 | 241       | LF       |            | \$0.00     |
| 72                                                                      | Combination Curb & Gutter, 24" Total Width, in accordance with City of Huntsville ST-200                                         | 594       | LF       |            | \$0.00     |
| 73                                                                      | Concrete Median or Safety Barrier, Type 1A (Reinforced), in accordance with ALDOT Spec 629                                       | 2,890     | LF       |            | \$0.00     |
| 74                                                                      | Concrete Median or Safety Barrier, Type 4A (Reinforced), in accordance with ALDOT Spec 629                                       | 561       | LF       |            | \$0.00     |
| 75                                                                      | Concrete Median or Safety Barrier, Type 8 (Reinforced), in accordance with ALDOT Spec 629                                        | 520       | LF       |            | \$0.00     |
| 76                                                                      | Steel Beam Guardrail, Class A, Type 1, in accordance with ALDOT Spec 630                                                         | 2,975     | LF       |            | \$0.00     |
| 77                                                                      | Guardrail End Anchor, Type 8 Series, in accordance with ALDOT Spec 630                                                           | 6         | EA       |            | \$0.00     |
| 78                                                                      | Guardrail End Anchor, Type 13 Series, in accordance with ALDOT Spec 630                                                          | 3         | EA       |            | \$0.00     |
| 79                                                                      | Guardrail End Anchor, Type 20 Series, in accordance with ALDOT Spec 630                                                          | 7         | EA       |            | \$0.00     |

| Attachment "A2"                                           |                                                                                                        |         |          |            |            | 5/23/2013 |  |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|-----------|--|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                        |         |          |            |            |           |  |
| ITEM #                                                    | DESCRIPTION                                                                                            | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |           |  |
| 80                                                        | Valve Box Reset, in accordance with ALDOT Spec 641                                                     | 24      | EA       |            | \$0.00     |           |  |
| 81                                                        | Manhole Frame and Cover Reset, City of Huntsville Logo Not Required, in accordance with ALDOT Spec 645 | 4       | EA       |            | \$0.00     |           |  |
| 82                                                        | Required Topsoil, in accordance with ALDOT Spec 650, from Offsite Source                               | 7,700   | CY       |            | \$0.00     |           |  |
| 83                                                        | Solid Sodding (Berumuda), in accordance with ALDOT Spec 654                                            | 502     | SY       |            | \$0.00     |           |  |
| 84                                                        | Hydroseeding                                                                                           | 20      | ACRE     |            | \$0.00     |           |  |
| 85                                                        | Mulching, in accordance with ALDOT Spec 656                                                            | 20      | ACRE     |            | \$0.00     |           |  |
| 86                                                        | Erosion Control Product, Type S4, in accordance with ALDOT Spec 659                                    | 7,500   | SY       |            | \$0.00     |           |  |
| 87                                                        | Erosion Control Product, Type C2, in accordance with ALDOT Spec 659                                    | 2,000   | SY       |            | \$0.00     |           |  |
| 88                                                        | Temporary Seeding, in accordance with ALDOT Spec 665                                                   | 20      | ACRE     |            | \$0.00     |           |  |
| 89                                                        | Temporary Mulching, in accordance with ALDOT Spec 665                                                  | 20      | ACRE     |            | \$0.00     |           |  |
| 90                                                        | Sand Bags, in accordance with ALDOT Spec 665                                                           | 500     | EA       |            | \$0.00     |           |  |
| 91                                                        | Silt Fence, in accordance with ALDOT Spec 665                                                          | 24,750  | LF       |            | \$0.00     |           |  |
| 92                                                        | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                            | 124     | CY       |            | \$0.00     |           |  |
| 93                                                        | Floating Basin Boom, in accordance with ALDOT Spec 665                                                 | 460     | LF       |            | \$0.00     |           |  |

| Attachment "A2"                                                  |                                                                                         | 5/23/2013 |            |        |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------|------------|--------|
| <b>MARTIN ROAD ON REDSTONE ARSENAL</b><br>Project No. 65-10-RD09 |                                                                                         |           |            |        |
| ITEM #                                                           | DESCRIPTION                                                                             | BID QTY   | BID UNIT   |        |
|                                                                  |                                                                                         |           | UNIT PRICE |        |
|                                                                  |                                                                                         |           | BID AMOUNT |        |
| 94                                                               | Silt Fence Removal, in accordance with ALDOT Spec 665                                   | 24,750    | LF         | \$0.00 |
| 95                                                               | Wattle, in accordance with ALDOT Spec 665                                               | 2,175     | LF         | \$0.00 |
| 96                                                               | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                       | 10        | EA         | \$0.00 |
| 97                                                               | 701-A Solid White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701    | 5         | MILE       | \$0.00 |
| 98                                                               | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 5         | MILE       | \$0.00 |
| 99                                                               | 701-A Broken White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 5         | MILE       | \$0.00 |
| 100                                                              | 701-B Dotted Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701          | 3,135     | LF         | \$0.00 |
| 101                                                              | 701-C Solid Temporary Traffic Stripe (Paint), in accordance with ALDOT Spec 701         | 8         | MILE       | \$0.00 |
| 102                                                              | 701-D Solid Temporary Traffic Stripe Removed (Paint), in accordance with ALDOT Spec 701 | 8         | MILE       | \$0.00 |
| 103                                                              | 703-A Traffic Control Markings, Class 2, Type A, in accordance with ALDOT Spec 703      | 2,885     | SF         | \$0.00 |
| 104                                                              | 703-B Traffic Control Legends, Class 2, Type A, in accordance with ALDOT Spec 703       | 337       | SF         | \$0.00 |
| 105                                                              | 705-A Pavement Markers, Class A-H, Type 2-C, in accordance with ALDOT Spec 705          | 64        | EA         | \$0.00 |

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

| ITEM # | DESCRIPTION                                                                                                                                                         | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 106    | 705-A Pavement Markers, Class A-H, Type 1-A, in accordance with ALDOT Spec 705                                                                                      | 374     | EA       |            | \$0.00     |
| 107    | 705-A Pavement Markers, Class A-H, Type 1-B, in accordance with ALDOT Spec 705                                                                                      | 368     | EA       |            | \$0.00     |
| 108    | 705-A Pavement Markers, Class A-H, Type 2-E, in accordance with ALDOT Spec 705                                                                                      | 161     | EA       |            | \$0.00     |
| 109    | 705-A Pavement Markers, Class C, Type 2-D (Temporary), in accordance with ALDOT Spec 705                                                                            | 292     | EA       |            | \$0.00     |
| 110    | 710-A Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background), in accordance with ALDOT Spec 710         | 138     | SF       |            | \$0.00     |
| 111    | 710-A Class 2A, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III, Type IV or VIII Background), in accordance with ALDOT Spec 710 | 27      | SF       |            | \$0.00     |
| 112    | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge(Type IX Background), in accordance with ALDOT Spec 710                      | 91      | SF       |            | \$0.00     |
| 113    | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                                        | 510     | LF       |            | \$0.00     |
| 114    | Sign Relocation (includes Solar Panels), Complete in Place                                                                                                          | 33      | EA       |            | \$0.00     |
| 115    | Relocate Solar Panels, Complete in Place                                                                                                                            | 1       | LS       |            | \$0.00     |
| 116    | Water Line Relocation including Valve Reset, Complete in Place                                                                                                      | 1       | LS       |            | \$0.00     |
| 117    | Permanent Barricades, in accordance with ALDOT Spec 713                                                                                                             | 106     | LF       |            | \$0.00     |
| 118    | Vehicular Impact Attenuator Assembly (BI-Directional, TL-3), in accordance with ALDOT Spec 720                                                                      | 4       | EA       |            | \$0.00     |

| Attachment "A2"                 |                                                                                                                 | 5/23/2013 |          |            |            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                 |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                 |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                     | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 119                             | Removal of Existing Traffic Control Unit, in accordance with ALDOT Spec 730                                     | 1         | LS       |            | \$0.00     |
| 120                             | Furnishing and Installing Traffic Control Unit (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730   | 2         | EA       |            | \$0.00     |
| 121                             | Metal Traffic Signal Pole Foundation, in accordance with ALDOT Spec 730                                         | 8         | EA       |            | \$0.00     |
| 122                             | Metal Traffic Strain Pole with Mast Arm, in accordance with ALDOT Spec 730                                      | 8         | EA       |            | \$0.00     |
| 123                             | 1" , Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                    | 50        | LF       |            | \$0.00     |
| 124                             | 2" , Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                    | 755       | LF       |            | \$0.00     |
| 125                             | Vehicular Signal Head, 12 Inch, 3 Section, Type LED, in accordance with ALDOT Spec 730                          | 10        | EA       |            | \$0.00     |
| 126                             | Vehicular Signal Head, 12 Inch, 5 Section, Type LED, in accordance with ALDOT Spec 730                          | 9         | EA       |            | \$0.00     |
| 127                             | Controller Assembly, Type III, 8 Phase, in accordance with ALDOT Spec 730                                       | 2         | EA       |            | \$0.00     |
| 128                             | Traffic Signal Junction Boxes - Compete-In-Place, in accordance with ALDOT Spec 730                             | 8         | EA       |            | \$0.00     |
| 129                             | Wood Pole, in accordance with ALDOT Spec 730                                                                    | 2         | EA       |            | \$0.00     |
| 130                             | Furnishing and Installing Video Detection System (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730 | 1         | LS       |            | \$0.00     |
| 131                             | 740-B Construction Signs, in accordance with ALDOT Spec 740                                                     | 624       | SF       |            | \$0.00     |
| 132                             | 740-D Channelizing Drums, in accordance with ALDOT Spec 740                                                     | 536       | EA       |            | \$0.00     |

| ITEM #                                                                                         | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 133                                                                                            | 740-E Cones (36 Inches High), in accordance with ALDOT Spec 740                                                               | 200     | EA       |            | \$0.00     |
| 134                                                                                            | 740-F Barricades, Type III, in accordance with ALDOT Spec 740                                                                 | 4       | EA       |            | \$0.00     |
| 135                                                                                            | 740-I Warning Lights, Type B (Detachable Head), in accordance with ALDOT Spec 740                                             | 2       | EA       |            | \$0.00     |
| 136                                                                                            | 740-M Ballast For Cone, in accordance with ALDOT Spec 740                                                                     | 200     | EA       |            | \$0.00     |
| 137                                                                                            | Portable Sequential Arrow and Chevron Sign Unit, in accordance with ALDOT Spec 741                                            | 2       | EA       |            | \$0.00     |
| 138                                                                                            | 6" Electrical Conduit, 1 Line, Type 5 Installation, in accordance with ALDOT Spec 756                                         | 400     | LF       |            | \$0.00     |
| 139                                                                                            | Mobilization, Bonds, Permits, ADEM Monitoring, etc., in accordance with ALDOT Spec 600                                        | 1       | LS       |            | \$0.00     |
| 140                                                                                            | Engineering Controls & Construction Staking, in accordance with ALDOT Spec 680                                                | 1       | LS       |            | \$0.00     |
| 141                                                                                            | Portable Concrete Safety Barriers, Type 6                                                                                     | 4,730   | LF       |            | \$0.00     |
| 142                                                                                            | Permanent Drilled Shaft Casing, 5'-0" Diameter, in accordance with ALDOT Spec 506                                             | 25      | LF       |            | \$0.00     |
| <b>TOTAL BASE BID</b>                                                                          |                                                                                                                               |         |          |            |            |
| <b>OPTION #1: Bid Option For Construction of Median Cross Over From Sta 34+26 to Sta 35+74</b> |                                                                                                                               |         |          |            |            |
| 1-1                                                                                            | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 36      | GAL      |            | \$0.00     |
| 1-2                                                                                            | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 1,182   | SY       |            | \$0.00     |

| Attachment "A2"                 |                                                                                                                                                                                      | 5/23/2013 |          |            |            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                      |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                                                                                      |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                                                                          | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 1-3                             | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                                                                                      | 591       | SY       |            | \$0.00     |
| 1-4                             | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424      | 40        | TON      |            | \$0.00     |
| 1-5                             | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-6                             | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-7                             | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT spec 533 and City of Huntsville Spec DR-166 | 71        | LF       |            | \$0.00     |
| 1-8                             | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                                                                                   | 1         | EA       |            | \$0.00     |
| 1-9                             | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                                                                     | 1         | EA       |            | \$0.00     |
| 1-10                            | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                                                                                                                    | 1         | EA       |            | \$0.00     |
| 1-11                            | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                                                                                                          | 7         | CY       |            | \$0.00     |
| 1-12                            | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701                                                                                                | 1         | MILE     |            | \$0.00     |

| Attachment "A2"                                                                                                                                       |                                                                                                                                                | 5/23/2013 |          |            |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|---------------|
| <p><b>MARTIN ROAD ON REDSTONE ARSENAL</b><br/>                 Project No. 65-10-RD09</p>                                                             |                                                                                                                                                |           |          |            |               |
| ITEM #                                                                                                                                                | DESCRIPTION                                                                                                                                    | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT    |
| 1-13                                                                                                                                                  | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge(Type IX Background), in accordance with ALDOT Spec 710 | 8         | SF       |            | \$0.00        |
| 1-14                                                                                                                                                  | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                   | 30        | LF       |            | \$0.00        |
| <b>TOTAL OPTION #1:</b>                                                                                                                               |                                                                                                                                                |           |          |            | <b>\$0.00</b> |
| <b>OPTION #2</b>                                                                                                                                      |                                                                                                                                                |           |          |            |               |
| 2-1                                                                                                                                                   | Bid Option For Digital As-Built Drawings                                                                                                       | 1         | LS       |            | \$0.00        |
| <b>TOTAL OPTION #2:</b>                                                                                                                               |                                                                                                                                                |           |          |            | <b>\$0.00</b> |
| <b>OPTION #3: Bid Option For Removal of Overhead Electric Poles</b>                                                                                   |                                                                                                                                                |           |          |            |               |
| 3-1                                                                                                                                                   | Wooden Utility Poles North of Martin Road at Rideout Road<br>(Complete in Place)                                                               | 3         | EA       |            | \$0.00        |
| 3-2                                                                                                                                                   | Wooden Utility Poles South of Martin Road at Rideout Road<br>(Complete in Place)                                                               | 1         | EA       |            | \$0.00        |
| <b>TOTAL OPTION #3:</b>                                                                                                                               |                                                                                                                                                |           |          |            | <b>\$0.00</b> |
| <b>TOTAL BASE BID + OPTION #1 + OPTION #2 + OPTION #3:</b>                                                                                            |                                                                                                                                                |           |          |            | <b>\$0.00</b> |
| <p><b>ALL ITEMS SHALL BE CONSIDERED IN-PLACE. UNIT PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND REMOVAL REQUIRED FOR CONSTRUCTION.</b></p> |                                                                                                                                                |           |          |            |               |
| <p>Company _____<br/>                 Signature _____<br/>                 Date _____</p>                                                             |                                                                                                                                                |           |          |            |               |



# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **MARTIN ROAD ON REDSTONE ARSENAL**

**Project No. 65-10-RD09**

**May 24, 2013**

### **Addendum #3**

All addenda and attachments for the above-referenced project will become part of the contract documents. All addenda must be acknowledged either on the outside of the bid envelope or on the second page of your bid proposal known as Attachment "B".

**ADDITIONAL NOTE: Contractor will be responsible for removing ALL excess soil material from the job site.**

**END OF ADDENDUM #3**

**The Star of Alabama**



# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **MARTIN ROAD ON REDSTONE ARSENAL**

**Project No. 65-10-RD09**

**May 28, 2013**

### **Addendum #4**

All addenda and attachments for the above-referenced project will become part of the contract documents. All addenda must be acknowledged either on the outside of the bid envelope or on the second page of your bid proposal known as Attachment "B".

### **REVISED QUANTITIES:**

**Due to formatting issues which were brought to our attention, Attachment "A2" has been revised to Attachment "A3" (see attached).**

Replace bid quantities with "replacement", **Attachment "A3"**. **All bids must be submitted using Attachment "A3"** which is posted on the COH Engineering website for downloading.

**Attachment: Revised Quantities – Attachment "A3"**

**END OF ADDENDUM #4**

The Star of Alabama

MARTIN ROAD ON REDSTONE ARSENAL  
Project No. 65-10-RD09

5/28/2013

| ITEM # | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 1      | Clearing & Grubbing (Approximately 8 acres), in accordance with ALDOT Spec 201                                                | 1       | LS       |            | \$0.00     |
| 2      | Removing Concrete Slope Paving, in accordance with ALDOT Spec 206                                                             | 70      | SY       |            | \$0.00     |
| 3      | Removing Concrete Median, in accordance with ALDOT Spec 206                                                                   | 75      | SY       |            | \$0.00     |
| 4      | Removing Pipe Including Headwalls, in accordance with ALDOT Spec 206                                                          | 1079    | LF       |            | \$0.00     |
| 5      | Removing Guardrail Including Posts, in accordance with ALDOT Spec 206                                                         | 1516    | LF       |            | \$0.00     |
| 6      | Removing Curb and Gutter, in accordance with ALDOT Spec 206                                                                   | 456     | LF       |            | \$0.00     |
| 7      | Removing Inlets, in accordance with ALDOT Spec 206                                                                            | 5       | EA       |            | \$0.00     |
| 8      | Unclassified Excavation, Includes Pavement Removal and Channel Widening, in Accordance with ALDOT Spec 210 (To Be Paid Once)  | 39388   | CY       |            | \$0.00     |
| 9      | Borrow (Fill) with 30% Shrinkage Factor Added, in accordance with ALDOT Spec 210                                              | 64758   | CY       |            | \$0.00     |
| 10     | Undercutting (Including Muck Excavation)                                                                                      | 23870   | CY       |            | \$0.00     |
| 11     | Borrow (Underwater Backfill), in accordance with ALDOT Spec 210                                                               | 37238   | TON      |            | \$0.00     |
| 12     | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 90000   | SY       |            | \$0.00     |
| 13     | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                               | 45000   | SY       |            | \$0.00     |
| 14     | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 6092    | GAL      |            | \$0.00     |

| Attachment "A3"                 |                                                                                                                                                                                    | 5/28/2013 |          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                    |           |          |
| Project No. 65-10-RD09          |                                                                                                                                                                                    |           |          |
| ITEM #                          | DESCRIPTION                                                                                                                                                                        | BID QTY   | BID UNIT |
| 15                              | Joint Sealant, in accordance with ALDOT Spec 407                                                                                                                                   | 5         | MILE     |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 16                              | Planing Existing Pavement, in accordance with ALDOT Spec 408                                                                                                                       | 3427      | SY       |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 17                              | Material Remixing Device, in accordance with ALDOT Spec 410                                                                                                                        | 1         | EA       |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 18                              | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424    | 6805      | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 19                              | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 165#/SY), in accordance with ALDOT Spec 424    | 25        | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 20                              | REQ'D 424A-361 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424    | 1555      | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 21                              | REQ'D 424B-650 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220#/SY), in accordance with ALDOT Spec 424       | 30        | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 22                              | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424          | 12567     | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |
| 23                              | REQ'D 424B-659 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 0 TO 350#/SY), in accordance with ALDOT Spec 424 | 1350      | TON      |
|                                 |                                                                                                                                                                                    |           | \$0.00   |

| Attachment "A3"                                                         |                                                                                                                                                                                       | 5/28/2013 |          |            |            |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| <b>MARTIN ROAD ON REDSTONE ARSENAL</b><br><b>Project No. 65-10-RD09</b> |                                                                                                                                                                                       |           |          |            |            |
| ITEM #                                                                  | DESCRIPTION                                                                                                                                                                           | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 24                                                                      | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424             | 12567     | TON      |            | \$0.00     |
| 25                                                                      | REQ'D 424B-689 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL C/D (APPROXIMATELY 350 TO 1300#/SY), in accordance with ALDOT Spec 424 | 4800      | TON      |            | \$0.00     |
| 26                                                                      | 430-B Aggregate Surfacing (ALDOT #467, #410 Modified, or #57), in accordance with ALDOT Spec 430                                                                                      | 750       | TON      |            | \$0.00     |
| 27                                                                      | 430B Aggregate Surfacing (ALDOT #2), in accordance with ALDOT Spec 430                                                                                                                | 8757      | TON      |            | \$0.00     |
| 28                                                                      | Reinforced Cement Concrete Bridge End Slab, in accordance with ALDOT Spec 450                                                                                                         | 160       | SY       |            | \$0.00     |
| 29                                                                      | Steel Reinforcement (Grade 60) to be used for Substructure, in accordance with ALDOT Spec 502                                                                                         | 54736     | LB       |            | \$0.00     |
| 30                                                                      | Steel Reinforcement For Bridge Superstructure, Station 91+76.86, Approx. 48,064 Pounds, in accordance with ALDOT Spec 502                                                             | 1         | LS       |            | \$0.00     |
| 31                                                                      | Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 55        | LF       |            | \$0.00     |
| 32                                                                      | Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                           | 18        | LF       |            | \$0.00     |
| 33                                                                      | Special Drilled Shaft Excavation, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 48        | LF       |            | \$0.00     |
| 34                                                                      | Special Drilled Shaft Excavation, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                                                                   | 20        | LF       |            | \$0.00     |

| Attachment "A3"                 |                                                                                                                            |         |          |            |            | 5/28/2013 |
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| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                            |         |          |            |            |           |
| Project No. 65-10-RD09          |                                                                                                                            |         |          |            |            |           |
| ITEM #                          | DESCRIPTION                                                                                                                | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |           |
| 35                              | Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                          | 103     | LF       |            | \$0.00     |           |
| 36                              | Drilled Shaft Construction, 5'-0" Diameter, Class DS1 Concrete, in accordance with ALDOT Spec 506                          | 38      | LF       |            | \$0.00     |           |
| 37                              | Crosshole Sonic Logging, 4'-0" Diameter, in accordance with ALDOT Spec 506                                                 | 6       | EA       |            | \$0.00     |           |
| 38                              | Crosshole Sonic Logging, 5'-0" Diameter, in accordance with ALDOT Spec 506                                                 | 2       | EA       |            | \$0.00     |           |
| 39                              | Structural Steel, in accordance with ALDOT Spec 508                                                                        | 3704    | LB       |            | \$0.00     |           |
| 40                              | Bridge Substructure Concrete, Class A, in accordance with ALDOT Spec 510                                                   | 127     | CY       |            | \$0.00     |           |
| 41                              | Bridge Concrete Superstructure, Station 91+76.86, Approx. 162 Cu. Yds., in accordance with ALDOT Spec 510                  | 1       | LS       |            | \$0.00     |           |
| 42                              | Grooving Concrete Bridge Decks, in accordance with ALDOT Spec 510                                                          | 436     | SY       |            | \$0.00     |           |
| 43                              | Elastomeric Bearings, Type 2 (Mark B4) Modified, in accordance with ALDOT Spec 511                                         | 28      | EA       |            | \$0.00     |           |
| 44                              | Pretensioned-Prestressed Concrete Girders, Type BT-63 (Specialty Item), in accordance with ALDOT Spec 513                  | 847     | LF       |            | \$0.00     |           |
| 45                              | Culvert Extension and Wings Concrete, Including Steel Reinforcement, in accordance with ALDOT Spec 524 (Complete in Place) | 1       | LS       |            | \$0.00     |           |
| 46                              | Required Shoring, in accordance with ALDOT Spec 215                                                                        | 1       | LS       |            | \$0.00     |           |

| Attachment "A3"                 |                                                                                                                                                                                                     | 5/28/2013 |          |            |            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL |                                                                                                                                                                                                     |           |          |            |            |
| Project No. 65-10-RD09          |                                                                                                                                                                                                     |           |          |            |            |
| ITEM #                          | DESCRIPTION                                                                                                                                                                                         | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 47                              | 15" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 66        | LF       |            | \$0.00     |
| 48                              | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 3631      | LF       |            | \$0.00     |
| 49                              | 24" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 376       | LF       |            | \$0.00     |
| 50                              | 30" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166                | 408       | LF       |            | \$0.00     |
| 51                              | 36" Span, 23" Rise Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT Spec 533 and City of Huntsville Spec DR-166 | 146       | LF       |            | \$0.00     |
| 52                              | Type 2 Field Office in accordance with ALDOT Spec 603                                                                                                                                               | 1         | LS       |            | \$0.00     |

| Attachment "A3"                                           |                                                                                                                                  | 5/28/2013 |          |            |            |
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| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                  |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                                                      | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 53                                                        | Loose Riprap, Class 2, in accordance with ALDOT Spec 610                                                                         | 3705      | SY       |            | \$0.00     |
| 54                                                        | Filter Blanket, Geotextile, in accordance with ALDOT Spec 610                                                                    | 3705      | SY       |            | \$0.00     |
| 55                                                        | Reinforced Slope Paving (Monolithic Islands), in accordance with ALDOT Spec 614                                                  | 184       | CY       |            | \$0.00     |
| 56                                                        | DBL 15" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                           | 1         | EA       |            | \$0.00     |
| 57                                                        | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 21        | EA       |            | \$0.00     |
| 58                                                        | 24" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                               | 5         | EA       |            | \$0.00     |
| 59                                                        | 36" Span, 23" Rise Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                | 3         | EA       |            | \$0.00     |
| 60                                                        | Minor Structure Concrete (Concrete Collar including Steel Reinforcement), in accordance with ALDOT Spec 620, Complete in Place   | 1         | CY       |            | \$0.00     |
| 61                                                        | Junction Boxes Type 1, in accordance with ALDOT Spec 621                                                                         | 1         | EA       |            | \$0.00     |
| 62                                                        | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                 | 19        | EA       |            | \$0.00     |
| 63                                                        | Inlet, Type C, in accordance with ALDOT Spec 621                                                                                 | 1         | EA       |            | \$0.00     |
| 64                                                        | Open Throat Inlet, in accordance with City of Huntsville DR-127A, DR-127B, and DR-127C, City of Huntsville Logo Not Required     | 1         | EA       |            | \$0.00     |
| 65                                                        | S Type Inlet (1 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 3         | EA       |            | \$0.00     |

| Attachment "A3"                                           |                                                                                                                                  |         |          |            |            |  |  | 5/28/2013 |  |
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| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                  |         |          |            |            |  |  |           |  |
| ITEM #                                                    | DESCRIPTION                                                                                                                      | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |  |  |           |  |
| 66                                                        | S Type Inlet (2 Wing), in accordance with City of Huntsville DR-120A, DR-120B, and DR-120C, City of Huntsville Logo Not Required | 1       | EA       |            | \$0.00     |  |  |           |  |
| 67                                                        | Inlet, Type E3, in accordance with ALDOT Spec 621                                                                                | 4       | EA       |            | \$0.00     |  |  |           |  |
| 68                                                        | Inlet, Type E, in accordance with ALDOT Spec 621                                                                                 | 1       | EA       |            | \$0.00     |  |  |           |  |
| 69                                                        | Monitoring Well Height Adjustment, Per Detail as Shown in Plans                                                                  | 5       | EA       |            | \$0.00     |  |  |           |  |
| 70                                                        | Concrete Curb, Type N, in accordance with ALDOT Spec 623                                                                         | 2217    | LF       |            | \$0.00     |  |  |           |  |
| 71                                                        | Concrete Curb, Type N Special, in accordance with ALDOT Spec 623                                                                 | 241     | LF       |            | \$0.00     |  |  |           |  |
| 72                                                        | Combination Curb & Gutter, 24" Total Width, in accordance with City of Huntsville ST-200                                         | 594     | LF       |            | \$0.00     |  |  |           |  |
| 73                                                        | Concrete Median or Safety Barrier, Type 1A (Reinforced), in accordance with ALDOT Spec 629                                       | 2890    | LF       |            | \$0.00     |  |  |           |  |
| 74                                                        | Concrete Median or Safety Barrier, Type 4A (Reinforced), in accordance with ALDOT Spec 629                                       | 561     | LF       |            | \$0.00     |  |  |           |  |
| 75                                                        | Concrete Median or Safety Barrier, Type 8 (Reinforced), in accordance with ALDOT Spec 629                                        | 520     | LF       |            | \$0.00     |  |  |           |  |
| 76                                                        | Steel Beam Guardrail, Class A, Type 1, in accordance with ALDOT Spec 630                                                         | 2975    | LF       |            | \$0.00     |  |  |           |  |
| 77                                                        | Guardrail End Anchor, Type 8 Series, in accordance with ALDOT Spec 630                                                           | 6       | EA       |            | \$0.00     |  |  |           |  |
| 78                                                        | Guardrail End Anchor, Type 13 Series, in accordance with ALDOT Spec 630                                                          | 3       | EA       |            | \$0.00     |  |  |           |  |

| Attachment "A3"                                           |                                                                                                        | 5/28/2013 |          |            |            |
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| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                        |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                            | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 79                                                        | Guardrail End Anchor, Type 20 Series, in accordance with ALDOT Spec 630                                | 7         | EA       |            | \$0.00     |
| 80                                                        | Valve Box Reset, in accordance with ALDOT Spec 641                                                     | 24        | EA       |            | \$0.00     |
| 81                                                        | Manhole Frame and Cover Reset, City of Huntsville Logo Not Required, in accordance with ALDOT Spec 645 | 4         | EA       |            | \$0.00     |
| 82                                                        | Required Topsoil, in accordance with ALDOT Spec 650, from Offsite Source                               | 7700      | CY       |            | \$0.00     |
| 83                                                        | Solid Sodding (Berumuda), in accordance with ALDOT Spec 654                                            | 502       | SY       |            | \$0.00     |
| 84                                                        | Hydroseeding                                                                                           | 20        | ACRE     |            | \$0.00     |
| 85                                                        | Mulching, in accordance with ALDOT Spec 656                                                            | 20        | ACRE     |            | \$0.00     |
| 86                                                        | Erosion Control Product, Type S4, in accordance with ALDOT Spec 659                                    | 7500      | SY       |            | \$0.00     |
| 87                                                        | Erosion Control Product, Type C2, in accordance with ALDOT Spec 659                                    | 2000      | SY       |            | \$0.00     |
| 88                                                        | Temporary Seeding, in accordance with ALDOT Spec 665                                                   | 20        | ACRE     |            | \$0.00     |
| 89                                                        | Temporary Mulching, in accordance with ALDOT Spec 665                                                  | 20        | ACRE     |            | \$0.00     |
| 90                                                        | Sand Bags, in accordance with ALDOT Spec 665                                                           | 500       | EA       |            | \$0.00     |
| 91                                                        | Silt Fence, in accordance with ALDOT Spec 665                                                          | 24750     | LF       |            | \$0.00     |
| 92                                                        | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                            | 124       | CY       |            | \$0.00     |
| 93                                                        | Floating Basin Boom, in accordance with ALDOT Spec 665                                                 | 460       | LF       |            | \$0.00     |

| Attachment "A3"                                           |                                                                                         | 5/28/2013 |          |            |            |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                         |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                             | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 94                                                        | Silt Fence Removal, in accordance with ALDOT Spec 665                                   | 24750     | LF       |            | \$0.00     |
| 95                                                        | Wattle, in accordance with ALDOT Spec 665                                               | 2175      | LF       |            | \$0.00     |
| 96                                                        | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                       | 10        | EA       |            | \$0.00     |
| 97                                                        | 701-A Solid White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701    | 5.3       | MILE     |            | \$0.00     |
| 98                                                        | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 4.5       | MILE     |            | \$0.00     |
| 99                                                        | 701-A Broken White, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701   | 4.6       | MILE     |            | \$0.00     |
| 100                                                       | 701-B Dotted Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701          | 3135      | LF       |            | \$0.00     |
| 101                                                       | 701-C Solid Temporary Traffic Stripe (Paint), in accordance with ALDOT Spec 701         | 8         | MILE     |            | \$0.00     |
| 102                                                       | 701-D Solid Temporary Traffic Stripe Removed (Paint), in accordance with ALDOT Spec 701 | 8         | MILE     |            | \$0.00     |
| 103                                                       | 703-A Traffic Control Markings, Class 2, Type A, in accordance with ALDOT Spec 703      | 2885      | SF       |            | \$0.00     |
| 104                                                       | 703-B Traffic Control Legends, Class 2, Type A, in accordance with ALDOT Spec 703       | 337       | SF       |            | \$0.00     |
| 105                                                       | 705-A Pavement Markers, Class A-H, Type 2-C, in accordance with ALDOT Spec 705          | 64        | EA       |            | \$0.00     |

| Attachment "A3"                                           |                                                                                                                                                                     | 5/28/2013 |          |            |            |
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| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                     |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                         | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 106                                                       | 705-A Pavement Markers, Class A-H, Type 1-A, in accordance with ALDOT Spec 705                                                                                      | 374       | EA       |            | \$0.00     |
| 107                                                       | 705-A Pavement Markers, Class A-H, Type 1-B, in accordance with ALDOT Spec 705                                                                                      | 368       | EA       |            | \$0.00     |
| 108                                                       | 705-A Pavement Markers, Class A-H, Type 2-E, in accordance with ALDOT Spec 705                                                                                      | 161       | EA       |            | \$0.00     |
| 109                                                       | 705-A Pavement Markers, Class C, Type 2-D (Temporary), in accordance with ALDOT Spec 705                                                                            | 292       | EA       |            | \$0.00     |
| 110                                                       | 710-A Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background), in accordance with ALDOT Spec 710         | 138       | SF       |            | \$0.00     |
| 111                                                       | 710-A Class 2A, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III, Type IV or VIII Background), in accordance with ALDOT Spec 710 | 27        | SF       |            | \$0.00     |
| 112                                                       | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background), in accordance with ALDOT Spec 710                     | 91        | SF       |            | \$0.00     |
| 113                                                       | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                                        | 510       | LF       |            | \$0.00     |
| 114                                                       | Sign Relocation (includes Solar Panels), Complete in Place                                                                                                          | 33        | EA       |            | \$0.00     |
| 115                                                       | Relocate Solar Panels, Complete in Place                                                                                                                            | 1         | LS       |            | \$0.00     |
| 116                                                       | Water Line Relocation Including Valve Reset, Complete in Place                                                                                                      | 1         | LS       |            | \$0.00     |
| 117                                                       | Permanent Barricades, in accordance with ALDOT Spec 713                                                                                                             | 106       | LF       |            | \$0.00     |
| 118                                                       | Vehicular Impact Attenuator Assembly (BI-Directional, TL-3), in accordance with ALDOT Spec 720                                                                      | 4         | EA       |            | \$0.00     |

| Attachment "A3"                                                                  |                                                                                                                 | 5/28/2013 |          |            |            |
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| <p><b>MARTIN ROAD ON REDSTONE ARSENAL</b><br/> <b>Project No. 65-10-RD09</b></p> |                                                                                                                 |           |          |            |            |
| ITEM #                                                                           | DESCRIPTION                                                                                                     | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 119                                                                              | Removal of Existing Traffic Control Unit, in accordance with ALDOT Spec 730                                     | 1         | LS       |            | \$0.00     |
| 120                                                                              | Furnishing and Installing Traffic Control Unit (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730   | 2         | EA       |            | \$0.00     |
| 121                                                                              | Metal Traffic Signal Pole Foundation, in accordance with ALDOT Spec 730                                         | 8         | EA       |            | \$0.00     |
| 122                                                                              | Metal Traffic Strain Pole with Mast Arm, in accordance with ALDOT Spec 730                                      | 8         | EA       |            | \$0.00     |
| 123                                                                              | 1", Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                     | 50        | LF       |            | \$0.00     |
| 124                                                                              | 2", Non-Metallic Conduit, in accordance with ALDOT Spec 730                                                     | 755       | LF       |            | \$0.00     |
| 125                                                                              | Vehicular Signal Head, 12 Inch, 3 Section, Type LED, in accordance with ALDOT Spec 730                          | 10        | EA       |            | \$0.00     |
| 126                                                                              | Vehicular Signal Head, 12 Inch, 5 Section, Type LED, in accordance with ALDOT Spec 730                          | 9         | EA       |            | \$0.00     |
| 127                                                                              | Controller Assembly, Type III, 8 Phase, in accordance with ALDOT Spec 730                                       | 2         | EA       |            | \$0.00     |
| 128                                                                              | Traffic Signal Junction Boxes - Compete-In-Place, in accordance with ALDOT Spec 730                             | 8         | EA       |            | \$0.00     |
| 129                                                                              | Wood Pole, in accordance with ALDOT Spec 730                                                                    | 2         | EA       |            | \$0.00     |
| 130                                                                              | Furnishing and Installing Video Detection System (Gemini Ave and Rideout Rd), in accordance with ALDOT Spec 730 | 1         | LS       |            | \$0.00     |
| 131                                                                              | 740-B Construction Signs, in accordance with ALDOT Spec 740                                                     | 624       | SF       |            | \$0.00     |
| 132                                                                              | 740-D Channelizing Drums, in accordance with ALDOT Spec 740                                                     | 536       | EA       |            | \$0.00     |

| ITEM #                                                                                         | DESCRIPTION                                                                                                                   | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
| 133                                                                                            | 740-E Cones (36 Inches High), in accordance with ALDOT Spec 740                                                               | 200     | EA       |            | \$0.00     |
| 134                                                                                            | 740-F Barricades, Type III, in accordance with ALDOT Spec 740                                                                 | 4       | EA       |            | \$0.00     |
| 135                                                                                            | 740-I Warning Lights, Type B (Detachable Head), in accordance with ALDOT Spec 740                                             | 2       | EA       |            | \$0.00     |
| 136                                                                                            | 740-M Ballast For Cone, in accordance with ALDOT Spec 740                                                                     | 200     | EA       |            | \$0.00     |
| 137                                                                                            | Portable Sequential Arrow and Chevron Sign Unit, in accordance with ALDOT Spec 741                                            | 2       | EA       |            | \$0.00     |
| 138                                                                                            | 6" Electrical Conduit, 1 Line, Type 5 Installation, in accordance with ALDOT Spec 756                                         | 400     | LF       |            | \$0.00     |
| 139                                                                                            | Mobilization, Bonds, Permits, ADEM Monitoring, etc., in accordance with ALDOT Spec 600                                        | 1       | LS       |            | \$0.00     |
| 140                                                                                            | Engineering Controls & Construction Staking, in accordance with ALDOT Spec 680                                                | 1       | LS       |            | \$0.00     |
| 141                                                                                            | Portable Concrete Safety Barriers, Type 6                                                                                     | 4730    | LF       |            | \$0.00     |
| 142                                                                                            | Permanent Drilled Shaft Casing, 5'-0" Diameter, in accordance with ALDOT Spec 506                                             | 25      | LF       |            | \$0.00     |
| <b>TOTAL BASE BID</b>                                                                          |                                                                                                                               |         |          |            |            |
| <b>OPTION #1: Bid Option For Construction of Median Cross Over From Sta 34+26 to Sta 35+74</b> |                                                                                                                               |         |          |            |            |
| 1-1                                                                                            | Tack Coat, in accordance with ALDOT Spec 405                                                                                  | 36      | GAL      |            | \$0.00     |
| 1-2                                                                                            | 301-A Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness (2 Lifts), in accordance with ALDOT Spec 301 | 1182    | SY       |            | \$0.00     |

| Attachment "A3"                                           |                                                                                                                                                                                      | 5/28/2013 |          |            |            |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|------------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09 |                                                                                                                                                                                      |           |          |            |            |
| ITEM #                                                    | DESCRIPTION                                                                                                                                                                          | BID QTY   | BID UNIT | UNIT PRICE | BID AMOUNT |
| 1-3                                                       | 401-A Bituminous Treatment A, in accordance with ALDOT Spec 401                                                                                                                      | 591       | SY       |            | \$0.00     |
| 1-4                                                       | REQ'D 424A-360 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 135#/SY), in accordance with ALDOT Spec 424       | 40        | TON      |            | \$0.00     |
| 1-5                                                       | REQ'D 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-6                                                       | REQ'D 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 250#/SY), in accordance with ALDOT Spec 424            | 74        | TON      |            | \$0.00     |
| 1-7                                                       | 18" Storm Sewer Pipe (Class 3 R.C.) (Complete in Place, Includes Structure Excavation and Foundation Backfill), in accordance with ALDOT spec 533 and City of Huntsville Spec DR-166 | 71        | LF       |            | \$0.00     |
| 1-8                                                       | 18" Slope Paved Headwalls (Beveled Pipe End Type 1), in accordance with City of Huntsville DR-152C                                                                                   | 1         | EA       |            | \$0.00     |
| 1-9                                                       | Inlet, Type Y, in accordance with ALDOT Spec 621                                                                                                                                     | 1         | EA       |            | \$0.00     |
| 1-10                                                      | Inlet Protection, Stage 3 or 4, in accordance with ALDOT Spec 665                                                                                                                    | 1         | EA       |            | \$0.00     |
| 1-11                                                      | Drainage Sump Excavation, in accordance with ALDOT Spec 665                                                                                                                          | 7         | CY       |            | \$0.00     |
| 1-12                                                      | 701-A Solid Yellow, Class 2, Type A Traffic Stripe, in accordance with ALDOT Spec 701                                                                                                | 0.5       | MILE     |            | \$0.00     |

| Attachment "A3"                                                                                                                                       |                                                                                                                                                | 5/28/2013 |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| MARTIN ROAD ON REDSTONE ARSENAL<br>Project No. 65-10-RD09                                                                                             |                                                                                                                                                |           |          |
| ITEM #                                                                                                                                                | DESCRIPTION                                                                                                                                    | BID QTY   | BID UNIT |
|                                                                                                                                                       |                                                                                                                                                |           |          |
| 1-13                                                                                                                                                  | 710-A Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge(Type IX Background), in accordance with ALDOT Spec 710 | 8         | SF       |
| 1-14                                                                                                                                                  | 710-B Roadway Sign Post (#3 "U" Channel Galvanized Steel), in accordance with ALDOT Spec 710                                                   | 30        | LF       |
| <b>TOTAL OPTION #1:</b>                                                                                                                               |                                                                                                                                                |           |          |
| <b>OPTION #2</b>                                                                                                                                      |                                                                                                                                                |           |          |
| 2-1                                                                                                                                                   | Bid Option For Digital As-Built Drawings                                                                                                       | 1         | LS       |
| <b>TOTAL OPTION #2:</b>                                                                                                                               |                                                                                                                                                |           |          |
| <b>OPTION #3: Bid Option For Removal of Overhead Electric Poles</b>                                                                                   |                                                                                                                                                |           |          |
| 3-1                                                                                                                                                   | Wooden Utility Poles North of Martin Road at Rideout Road<br>(Complete in Place)                                                               | 3         | EA       |
| 3-2                                                                                                                                                   | Wooden Utility Poles South of Martin Road at Rideout Road<br>(Complete in Place)                                                               | 1         | EA       |
| <b>TOTAL OPTION #3:</b>                                                                                                                               |                                                                                                                                                |           |          |
| <b>TOTAL BASE BID + OPTION #1 + OPTION #2 + OPTION #3:</b>                                                                                            |                                                                                                                                                |           |          |
| <p><b>ALL ITEMS SHALL BE CONSIDERED IN-PLACE. UNIT PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND REMOVAL REQUIRED FOR CONSTRUCTION.</b></p> |                                                                                                                                                |           |          |

BID AMOUNT

UNIT PRICE

BID QTY

BID UNIT

DESCRIPTION

ITEM #

TOTAL OPTION #1:

OPTION #2

TOTAL OPTION #2:

OPTION #3: Bid Option For Removal of Overhead Electric Poles

Wooden Utility Poles North of Martin Road at Rideout Road (Complete in Place)

Wooden Utility Poles South of Martin Road at Rideout Road (Complete in Place)

TOTAL OPTION #3:

TOTAL BASE BID + OPTION #1 + OPTION #2 + OPTION #3:

ALL ITEMS SHALL BE CONSIDERED IN-PLACE. UNIT PRICE SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND REMOVAL REQUIRED FOR CONSTRUCTION.

| Attachment "A3"                                                   | 5/28/2013   |            |            |
|-------------------------------------------------------------------|-------------|------------|------------|
| <p>MARTIN ROAD ON REDSTONE ARSENAL<br/>Project No. 65-10-RD09</p> |             |            |            |
| ITEM #                                                            | DESCRIPTION | BID QTY    | BID UNIT   |
|                                                                   |             | UNIT PRICE | BID AMOUNT |
| <p>Company _____<br/>Signature _____<br/>Date _____</p>           |             |            |            |

**CERTIFICATION OF COMPLIANCE WITH TITLE 39, CODE OF ALABAMA**

In accordance with Code of Alabama (1975) §39-5-1(b), I hereby certify that the contract with Reed Contracting Services, Inc., in the amount of SIX MILLION NINE HUNDRED TWENTY-ONE THOUSAND SIX HUNDRED SEVENTY-ONE AND .79/100 DOLLARS (\$6,921,671.79) for Martin Road on Redstone Arsenal, Base Bid and Option No. 1, Option No. 2 and Option No. 3, Project No. 65-10-RD09, which is being submitted to the City Council of the City of Huntsville for approval on this the 13th day of June, 2013, has been let in accordance with Code of Alabama, Title 39 and all other applicable provisions.

  
Kathy Martin  
Director of City Engineering  
City of Huntsville

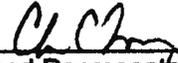
**E-VERIFY – NOTICE**

The Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Code of Alabama (1975) § 31-13-1 through 31-13-30 (also known as and hereinafter referred to as “ the Alabama Immigration Act”) as amended by Act No. 2012-491 on May 16, 2012 is applicable to all competitively bid contracts with the City of Huntsville. As a condition for the award of a contract and as a term and condition of the contract with the City of Huntsville, in accordance with § 31-13-9 (a) of the Alabama Immigration Act, as amended, any business entity or employer that employs one or more employees shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama.

During the performance of the contract, such business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The business entity or employer shall assure that these requirements are included in each subcontract in accordance with §31-13-9(c). Failure to comply with these requirements may result in breach of contract, termination of the contract or subcontract, and possibly suspension or revocation of business licenses and permits in accordance with §31-13-9 (e) (1) & (2).

Code of Alabama (1975) § 31-13-9 (k) requires that the following clause be included in all City of Huntsville contracts that have been competitively bid and is hereby made a part of this contract:

“By signing this contract the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.”

\_\_\_\_\_  
Reed Contracting Services, Inc.  
(Company)  
BY:   
(Authorized Representative)