

RESOLUTION NO. 18-

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 between the City of Huntsville and the low bidder, Carcel & G Construction, L.L.C., in the amount of EIGHTEEN MILLION FOUR HUNDRED THREE THOUSAND FOUR HUNDRED SEVEN AND NO/100 DOLLARS (\$18,403,470.00) for Cecil Ashburn Drive Widening-REBID, Base Bid and Option #2, Project No. 65-14-RD07, 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 Carcel & G Construction, L.L.C. for Cecil Ashburn Drive Widening-REBID, Base Bid and Option #2, Project No. 65-14-RD07," consisting of a total of one (1) page plus one hundred fifty-five (155) additional pages consisting of Attachments A3-K, 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 December 6, 2018, 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 6th day of December, 2018.

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

APPROVED this the 6th day of December, 2018.

Mayor of the City of Huntsville,
Alabama

CONTRACT BETWEEN CITY OF HUNTSVILLE

AND

CARCEL & G CONSTRUCTION, L.L.C.

FOR

**CECIL ASHBURN DRIVE WIDENING-REBID, BASE BID AND OPTION #2
PROJECT NO. 65-14-RD07**

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

THIS CONTRACT, made and entered into this 6th day of December 2018, between the CITY OF HUNTSVILLE, ALABAMA, a Municipal Corporation, sometimes referred to herein as City, and CARCEL & G CONSTRUCTION, L.L.C., sometimes referred to herein as Contractor.

**-WITNESSETH-**

WHEREAS, the City desires to install, construct or make certain improvements known as Cecil Ashburn Drive Widening-REBID, Base Bid and Option #2, Project No. 65-14-RD07, 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".

BY:

\_\_\_\_\_  
Carcel & G Construction, L.L.C.

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

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

\_\_\_\_\_  
Kenneth Benion  
City Clerk Treasurer

\_\_\_\_\_  
Devyn Keith  
City Council President

DATE: \_\_\_\_\_ December 6, 2018

**CECIL ASHBURN DRIVE WIDENING-REBID**  
**PROJECT NUMBER 65-14-RD07**

**CITY OF HUNTSVILLE, ALABAMA**

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## ATTACHMENT "A3"

11/26/2018

**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

**BID TABULATION**

| ITEM NO. | DESCRIPTION                                                                                            | BID QTY | BID UNIT | BID UNIT PRICE | BID AMOUNT     |
|----------|--------------------------------------------------------------------------------------------------------|---------|----------|----------------|----------------|
| 1        | CLEARING AND GRUBBING (APPROXIMATELY 44 ACRES) (5 ACRES WOODED)                                        | 1       | LS       | \$766,000.00   | \$766,000.00   |
| 2        | UNCLASSIFIED EXCAVATION (INCLUDES TOPSOIL STRIPPING ALONG SUTTON AND OLD BIG COVE)                     | 6,381   | CY       | \$15.00        | \$95,715.00    |
| 3        | UNCLASSIFIED EXCAVATION (ROCK)                                                                         | 200,000 | CY       | \$7.45         | \$1,490,000.00 |
| 4        | BORROW EXCAVATION (AFTER ONSITE ROCK HAS BEEN PLACED AND AS NEEDED FOR SUTTON ROAD) 14CYS/Triaxle Load | 35,000  | CY       | \$3.00         | \$105,000.00   |
| 5        | GEOMETRIC CONTROL (Roadway Only)                                                                       | 1       | LS       | \$650,000.00   | \$650,000.00   |
| 6        | ROADBED PROCESSING (Sutton Road if Needed)                                                             | 23      | STA      | \$200.00       | \$4,600.00     |
| 7        | ROADBED STABILIZING MATERIAL, ALDOT #410 (MODIFIED) (Sutton Road if Needed)                            | 9,500   | TON      | \$14.00        | \$133,000.00   |
| 8        | 301A-008 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 10" COMPACTED THICKNESS (Two 5" Lifts)    | 70,000  | SY       | \$10.30        | \$721,000.00   |
| 9        | 301A-012 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                    | 13,500  | SY       | \$7.70         | \$103,950.00   |
| 10       | 305B-078 CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE                                 | 2,000   | TON      | \$22.00        | \$44,000.00    |
| 11       | 401A-000 BITUMINOUS TREATMENT "A"                                                                      | 83,500  | SY       | \$1.20         | \$100,200.00   |

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**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

11/26/2018

**BID TABULATION**

|    |                                                                                                                          |         |     |          |                |
|----|--------------------------------------------------------------------------------------------------------------------------|---------|-----|----------|----------------|
| 12 | 405A-000 TACK COAT                                                                                                       | 16,500  | GAL | \$3.90   | \$64,350.00    |
| 13 | 424B-000 OPEN GRADED FRICTION COURSE TACK COAT                                                                           | 14,000  | GAL | \$6.70   | \$93,800.00    |
| 14 | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.1" TO 2.0" THICK)                                                             | 19,000  | SY  | \$2.10   | \$39,900.00    |
| 15 | PLANING EXISTING PAVEMENT (APPROXIMATELY 2.1" TO 3.0" THICK)                                                             | 55,000  | SY  | \$2.54   | \$139,700.00   |
| 16 | 420A-015 POLYMER OPEN GRADED FRICTION COURSE (90 LBS. / SY)                                                              | 85,000  | SY  | \$5.90   | \$501,500.00   |
| 17 | 424A-340 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (135 LBS./SY) | 150,000 | SY  | \$6.25   | \$937,500.00   |
| 18 | 424A-346 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B     | 1,000   | TON | \$105.00 | \$105,000.00   |
| 19 | 424B-636 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (280 LBS./SY)      | 140,000 | SY  | \$10.30  | \$1,442,000.00 |
| 20 | 424B-644 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1 INCH MAX. AGGREGATE, ESAL RANGE A/B               | 2,000   | TON | \$90.00  | \$180,000.00   |

## ATTACHMENT "A3"

## CECIL ASHBURN DRIVE WIDENING-REBID

Project No. 65-14-RD07

11/26/2018

## BID TABULATION

|    |                                                                                                                                                                                      |       |    |            |              |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|------------|--------------|
| 21 | SINGLE 8' X 4' STEEL REINFORCED CONCRETE CULVERT COMPLETE IN PLACE TO INCLUDE CONCRETE, RESTEEL, WEEP HOLES, FORMING, DEWATERING AND TIE TO EXISTING CULVERT                         | 55    | LF | \$1,200.00 | \$66,000.00  |
| 22 | RETAINING WALL (CAST-IN-PLACE), TO INCLUDE EXCAVATION, STONE BACKFILL, CONCRETE, REINFORCEMENT AND WEEP HOLES, THOROUGH COAT FINISH COMPLETE IN PLACE, PER C.O.H. SPECIFICATION #525 | 3,603 | SF | \$62.00    | \$223,386.00 |
| 23 | DECORATIVE HANDRAIL FOR RETAINING WALL COMPLETE IN PLACE (SEE DETAIL SHEET 148)                                                                                                      | 305   | LF | \$80.00    | \$24,400.00  |
| 24 | FORM LINER FOR RETAINING WALL FACE (CUSTOM ROCK FORMLINER OR APPROVED EQUAL)                                                                                                         | 3,603 | SF | \$8.50     | \$30,625.50  |
| 25 | 18" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 3,196 | LF | \$60.00    | \$191,760.00 |
| 26 | 18" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                               | 8,591 | LF | \$77.00    | \$661,507.00 |
| 27 | 24" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 665   | LF | \$70.00    | \$46,550.00  |



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**11/26/2018**

**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

**BID TABULATION**

|    |                                                                                                                                                        |     |    |          |             |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----------|-------------|
|    |                                                                                                                                                        |     |    |          |             |
|    |                                                                                                                                                        |     |    |          |             |
|    |                                                                                                                                                        |     |    |          |             |
|    |                                                                                                                                                        |     |    |          |             |
| 28 | 24" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 452 | LF | \$90.00  | \$40,680.00 |
| 29 | 30" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 46  | LF | \$100.00 | \$4,600.00  |
| 30 | 30" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 58  | LF | \$128.00 | \$7,424.00  |
| 31 | 36" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 670 | LF | \$109.00 | \$73,030.00 |
| 32 | 36" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 528 | LF | \$139.00 | \$73,392.00 |
| 33 | 42" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 41  | LF | \$174.00 | \$7,134.00  |
| 34 | 48" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 40  | LF | \$193.00 | \$7,720.00  |

**ATTACHMENT "A3"**

**CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**11/26/2018**

**BID TABULATION**

|    |                                                                                                                                                         |     |    |                |                |  |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----------------|----------------|--|--|
|    |                                                                                                                                                         |     |    |                |                |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 35 | 60" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 246 | LF | \$292.00       | \$71,832.00    |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 36 | 72" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 48  | LF | \$400.00       | \$19,200.00    |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 37 | 22"X13" ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527         | 55  | LF | \$102.00       | \$5,610.00     |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 38 | 36"X22"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 176 | LF | \$122.00       | \$21,472.00    |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 39 | 59"X36"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 322 | LF | \$220.00       | \$70,840.00    |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 40 | 15" ROADWAY PIPE (CLASS 3 R.C.) (STACK PIPE), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 9   | LF | \$158.00       | \$1,422.00     |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 41 | MOBILIZATION Road Only (SEE SCHEDULE)                                                                                                                   | 1   | LS | \$3,425,000.00 | \$3,425,000.00 |  |  |
|    |                                                                                                                                                         |     |    |                |                |  |  |
| 42 | RIGHT OF WAY MARKERS (PROPERTY PINS)                                                                                                                    | 51  | EA | \$300.00       | \$15,300.00    |  |  |

## ATTACHMENT "A3"

11/26/2018

## CECIL ASHBURN DRIVE WIDENING-REBID

Project No. 65-14-RD07

## BID TABULATION

| 43 | FURNISHING TYPE 2 FIELD OFFICE, To Include (Water, Electric, Sewage, Cleaning) for project duration and site prep and restoration | 1      | EA  | \$25,000.00 | \$25,000.00    |
|----|-----------------------------------------------------------------------------------------------------------------------------------|--------|-----|-------------|----------------|
| 44 | 8" UNDERDRAIN PIPE (AS DIRECTED BY THE ENGINEER)                                                                                  | 10,000 | LF  | \$8.00      | \$80,000.00    |
| 45 | ONSITE ROCK PLACED AS LOOSE RIPRAP, CLASS 2                                                                                       | 1,500  | TON | \$9.00      | \$13,500.00    |
| 46 | FILTER BLANKET, GEOTEXTILE (NON-WOVEN)                                                                                            | 2,600  | SY  | \$2.50      | \$6,500.00     |
| 47 | 6" FIBER REINFORCED CONCRETE SLOPE PAVING TO INCLUDE 4" STONE LEVELING LAYER, FORMING, FINISHING AND PROTECTING)                  | 30,000 | SY  | \$35.00     | \$1,050,000.00 |
| 48 | CONCRETE SIDEWALK, 4" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 4,800  | SY  | \$28.00     | \$134,400.00   |
| 49 | CONCRETE DRIVEWAY, 6" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 150    | SY  | \$50.00     | \$7,500.00     |
| 50 | 18" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 6      | EA  | \$1,100.00  | \$6,600.00     |
| 51 | 30" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 2      | EA  | \$1,200.00  | \$2,400.00     |
| 52 | 36" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 1      | EA  | \$1,500.00  | \$1,500.00     |
| 53 | 36" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 2      | EA  | \$2,400.00  | \$4,800.00     |
| 54 | 42" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$2,800.00  | \$2,800.00     |
| 55 | 48" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$3,400.00  | \$3,400.00     |

## ATTACHMENT "A3"

## CECIL ASHBURN DRIVE WIDENING-REBID

Project No. 65-14-RD07

11/26/2018

## BID TABULATION

|    |                                                                                                                                                         |     |    |            |             |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|------------|-------------|
| 56 | 60" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 6   | EA | \$3,400.00 | \$20,400.00 |
| 57 | 72" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 1   | EA | \$4,200.00 | \$4,200.00  |
| 58 | 18" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)                                                                                                   | 6   | EA | \$1,800.00 | \$10,800.00 |
| 59 | 22"X13" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                                             | 4   | EA | \$1,100.00 | \$4,400.00  |
| 60 | 36"X22" ROADWAY PIPE END TREATMENT, CLASS 1 (QUADRUPLE LINE)                                                                                            | 1   | LS | \$4,000.00 | \$4,000.00  |
| 61 | 4' DIAMETER SANITARY SEWER MANHOLE, STANDARD PRECAST, 4' TO 6' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS              | 1   | EA | \$3,600.00 | \$3,600.00  |
| 62 | 4' DIAMETER SANITARY SEWER DROP MANHOLE, STANDARD PRECAST, 10' TO 12' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS       | 1   | LS | \$4,700.00 | \$4,700.00  |
| 63 | CONNECTION TO EXISTING SANITARY SEWER MANHOLE, COMPLETE IN-PLACE, (INCLUDES CORING EXISTING MANHOLE) PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS | 2   | EA | \$1,000.00 | \$2,000.00  |
| 64 | 8" DIP CLASS 350 GRAVITY SANITARY SEWER PIPE, 8' TO 10' DEEP, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS                      | 100 | LF | \$140.00   | \$14,000.00 |



# ATTACHMENT "A3"

## CECIL ASHBURN DRIVE WIDENING-REBID Project No. 65-14-RD07

### BID TABULATION

|    |                                                                                                                                                                    |    |    |             | 11/26/2018   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-------------|--------------|
| 65 | 18" DIAMETER .125" THICK CARBON STEEL SANITARY SEWER CASING SLEEVE WITH S.S. SPACERS                                                                               | 50 | LF | \$250.00    | \$12,500.00  |
| 66 | SANITARY SEWER TESTING (TVI AND VACUUM)                                                                                                                            | 1  | LS | \$1,200.00  | \$1,200.00   |
| 67 | JUNCTION BOX, SMALL (15" TO 30" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 6  | EA | \$4,400.00  | \$26,400.00  |
| 68 | JUNCTION BOX, LARGE (36" TO 72" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 12 | EA | \$14,000.00 | \$168,000.00 |
| 69 | JUNCTION BOX, SPECIAL, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                  | 2  | EA | \$25,000.00 | \$50,000.00  |
| 70 | JUNCTION BOX CONVERSION, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                | 3  | EA | \$2,000.00  | \$6,000.00   |
| 71 | INLETS, TYPE E, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 63 | EA | \$3,880.00  | \$244,440.00 |
| 72 | INLETS, TYPE E1, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 7  | EA | \$3,900.00  | \$27,300.00  |
| 73 | INLETS, TYPE C, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 13 | EA | \$2,800.00  | \$36,400.00  |



## ATTACHMENT "A3"

**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

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## BID TABULATION

|    |                                                                                                                                                                     |       |    |            |              |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|------------|--------------|
| 74 | INLETS, TYPE CD, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA | \$6,000.00 | \$6,000.00   |
| 75 | INLETS, TYPE IJ, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA | \$4,700.00 | \$4,700.00   |
| 76 | "S" TYPE INLET, SINGLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 29    | EA | \$4,400.00 | \$127,600.00 |
| 77 | "S" TYPE INLET, DOUBLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 4     | EA | \$4,400.00 | \$17,600.00  |
| 78 | S' TYPE INLET, DOUBLE WING, REPLACE TOP, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 2     | EA | \$4,000.00 | \$8,000.00   |
| 79 | OPEN THROAT INLET, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                                        | 6     | EA | \$4,200.00 | \$25,200.00  |
| 80 | STILLING BASINS, TYPE 6, COMPLETE IN PLACE                                                                                                                          | 1     | LS | \$4,000.00 | \$4,000.00   |
| 81 | CONCRETE GUTTER (MODIFIED)                                                                                                                                          | 140   | LF | \$34.00    | \$4,760.00   |
| 82 | 24" COMBINATION CURB & GUTTER, TYPE C (MODIFIED)                                                                                                                    | 6,730 | LF | \$12.40    | \$83,452.00  |
| 83 | CONCRETE MEDIAN OR SAFETY BARRIER, TYPE CSF 42                                                                                                                      | 3,204 | LF | \$150.00   | \$480,600.00 |

## ATTACHMENT "A3"

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**CECIL ASHBURN DRIVE WIDENING-REBID**  
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**BID TABULATION**

| 84 | CONCRETE MEDIAN OR SAFETY BARRIER END SECTION<br>(TYPE TES) COMPLETE IN PLACE TO INCLUDE FOOTINGS<br>FOUNDATIONS AND APPURTENANCES | 2      | EA   | \$4,300.00  | \$8,600.00   |
|----|------------------------------------------------------------------------------------------------------------------------------------|--------|------|-------------|--------------|
| 85 | STEEL BEAM GUARDRAIL, CLASS A, TYPE 1                                                                                              | 15,000 | LF   | \$26.50     | \$397,500.00 |
| 86 | GUARDRAIL END ANCHOR, TYPE 10 SERIES                                                                                               | 3      | EA   | \$25,700.00 | \$77,100.00  |
| 87 | GUARDRAIL END ANCHOR, TYPE 8 SERIES                                                                                                | 13     | EA   | \$840.00    | \$10,920.00  |
| 88 | GUARDRAIL END ANCHOR, TYPE 20 SERIES                                                                                               | 11     | EA   | \$3,800.00  | \$41,800.00  |
| 89 | TOPSOIL Contractor Provided (measured in loose triaxle loads 14<br>CY)                                                             | 5,000  | CY   | \$17.00     | \$85,000.00  |
| 90 | SEEDING (ALDOT YEAR ROUND MIX)                                                                                                     | 8      | ACRE | \$1,000.00  | \$8,000.00   |
| 91 | MOWING                                                                                                                             | 40     | ACRE | \$100.00    | \$4,000.00   |
| 92 | SOLID SODDING (ALL Types)                                                                                                          | 15,000 | SY   | \$5.50      | \$82,500.00  |
| 93 | MULCHING                                                                                                                           | 16     | ACRE | \$500.00    | \$8,000.00   |
| 94 | HYDRO-SEEDING & MULCHING (MIX 1E)                                                                                                  | 5,000  | SY   | \$1.35      | \$6,750.00   |
| 95 | HAY BALES                                                                                                                          | 100    | EA   | \$5.00      | \$500.00     |
| 96 | SAND BAGS                                                                                                                          | 1,000  | EA   | \$5.00      | \$5,000.00   |
| 97 | EROSION CONTROL CHECK DAMS, TYPE II, INSTALL,<br>MAINTAIN AND REMOVE                                                               | 13     | EA   | \$750.00    | \$9,750.00   |

## ATTACHMENT "A3"

## CECIL ASHBURN DRIVE WIDENING-REBID

Project No. 65-14-RD07

11/26/2018

## BID TABULATION

|     |                                                                                                       |        |      |            |             |
|-----|-------------------------------------------------------------------------------------------------------|--------|------|------------|-------------|
| 98  | TEMPORARY EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT S150 OR APPROVED EQUAL | 1,000  | SY   | \$2.00     | \$2,000.00  |
| 99  | PERMANENT EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT C350 OR APPROVED EQUAL | 2,000  | SY   | \$4.00     | \$8,000.00  |
| 100 | TEMPORARY RIPRAP CLASS 2                                                                              | 100    | TON  | \$30.00    | \$3,000.00  |
| 101 | SILT FENCE, TYPE A                                                                                    | 17,500 | LF   | \$3.50     | \$61,250.00 |
| 102 | SILT FENCE REMOVAL                                                                                    | 17,500 | LF   | \$0.70     | \$12,250.00 |
| 103 | INLET PROTECTION, STAGE 3 OR 4                                                                        | 147    | EA   | \$210.00   | \$30,870.00 |
| 104 | 20 INCH WATTLE                                                                                        | 2,353  | LF   | \$6.00     | \$14,118.00 |
| 105 | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                 | 6      | MILE | \$3,785.00 | \$22,710.00 |
| 106 | BROKEN WHITE, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                               | 7      | MILE | \$2,110.00 | \$14,770.00 |
| 107 | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                | 7      | MILE | \$3,780.00 | \$26,460.00 |
| 108 | BROKEN YELLOW, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                              | 1      | MILE | \$2,200.00 | \$2,200.00  |
| 109 | DOTTED CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                                      | 1,200  | LF   | \$2.70     | \$3,240.00  |

## ATTACHMENT "A3"

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**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

**BID TABULATION**

|     |                                                                                                                                            |        |      |            |             |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------|-------------|
| 110 | BROKEN TEMPORARY TRAFFIC STRIPE                                                                                                            | 5      | MILE | \$1,050.00 | \$5,250.00  |
| 111 | SOLID TEMPORARY TRAFFIC STRIPE                                                                                                             | 25     | MILE | \$1,050.00 | \$26,250.00 |
| 112 | SOLID TRAFFIC STRIPE REMOVED                                                                                                               | 41,700 | LF   | \$0.80     | \$33,360.00 |
| 113 | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A                                                                                                  | 3,000  | SF   | \$5.40     | \$16,200.00 |
| 114 | TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A                                                                                                   | 210    | SF   | \$5.40     | \$1,134.00  |
| 115 | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS AND LEGENDS                                                                                   | 3,000  | SF   | \$3.80     | \$11,400.00 |
| 116 | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C                                                                                                      | 500    | EA   | \$5.40     | \$2,700.00  |
| 117 | PAVEMENT MARKERS, CLASS A-H, TYPE 1-A                                                                                                      | 350    | EA   | \$5.40     | \$1,890.00  |
| 118 | PAVEMENT MARKERS, CLASS A-H, TYPE 1-B                                                                                                      | 350    | EA   | \$5.40     | \$1,890.00  |
| 119 | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D                                                                                                      | 140    | EA   | \$5.40     | \$756.00    |
| 120 | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E                                                                                                      | 100    | EA   | \$5.40     | \$540.00    |
| 121 | 705A-023 PAVEMENT MARKERS, CLASS C, TYPE 2-D                                                                                               | 1,000  | EA   | \$5.40     | \$5,400.00  |
| 122 | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.080" THICK OR STEEL FLAT SIGN PANELS 14 GAUGE (HIP SHEETING) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS | 200    | SF   | \$22.00    | \$4,400.00  |
| 123 | ROADWAY SIGN POST (#3 / FT "U" CHANNEL GALVANIZED STEEL) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS                                          | 450    | LF   | \$15.00    | \$6,750.00  |



## ATTACHMENT "A3"

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**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

**BID TABULATION**

|     |                                                                                                                               |        |      |             |              |
|-----|-------------------------------------------------------------------------------------------------------------------------------|--------|------|-------------|--------------|
|     |                                                                                                                               |        |      |             |              |
|     |                                                                                                                               |        |      |             |              |
|     |                                                                                                                               |        |      |             |              |
| 124 | VEHICULAR IMPACT ATTENUATOR ASSEMBLY TL-3 - COMPLETE IN PLACE TO INCLUDE FOUNDATIONS AND FOOTINGS AND ALL INCIDENTALS         | 2      | EA   | \$43,000.00 | \$86,000.00  |
|     |                                                                                                                               |        |      |             |              |
| 125 | PORTABLE CONCRETE SAFETY BARRIERS, TYPE 6 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                          | 10,000 | LF   | \$26.00     | \$260,000.00 |
|     |                                                                                                                               |        |      |             |              |
| 126 | PORTABLE IMPACT ATTENUATOR (IF NEEDED CONTRACTOR RETAINED)                                                                    | 4      | EACH | \$5,000.00  | \$20,000.00  |
|     |                                                                                                                               |        |      |             |              |
| 127 | CONSTRUCTION SIGNS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,000  | SF   | \$7.50      | \$7,500.00   |
|     |                                                                                                                               |        |      |             |              |
| 128 | CHANNELIZING DRUMS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,500  | EA   | \$45.00     | \$67,500.00  |
|     |                                                                                                                               |        |      |             |              |
| 129 | BARRICADES, TYPE III                                                                                                          | 50     | EA   | \$215.00    | \$10,750.00  |
|     |                                                                                                                               |        |      |             |              |
| 130 | WARNING LIGHTS, TYPE B (DETACHABLE)                                                                                           | 50     | EA   | \$450.00    | \$22,500.00  |
|     |                                                                                                                               |        |      |             |              |
| 131 | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                    | 6      | EA   | \$3,000.00  | \$18,000.00  |
|     |                                                                                                                               |        |      |             |              |
| 132 | PORTABLE CHANGEABLE MESSAGE SIGN, ALDOT TYPE 2 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                     | 10     | EA   | \$11,400.00 | \$114,000.00 |
|     |                                                                                                                               |        |      |             |              |
| 133 | SHOTCRETE, 6 INCHES THICK WITH WELDED WIRE REINFORCING AND ANCHORS (CONTRACTOR TO PROVIDE DESIGN STAMPED BY ALABAMA ENGINEER) | 12,000 | SF   | \$40.00     | \$480,000.00 |

| ATTACHMENT "A3"                    |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |             | 11/26/2018  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------------|-------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |             |             |
| Project No. 65-14-RD07             |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |             |             |
| BID TABULATION                     |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |             |             |
| 134                                | MINOR STRUCTURE CONCRETE, COMPLETE IN-PLACE (AS DIRECTED BY THE ENGINEER FOR STEEL REINFORCED CONCRETE PIPE COLLARS) RESTEEL INCIDENTAL TO CONCRETE                                                                                                                                                                                                                                            | 200   | CY   | \$225.00    | \$45,000.00 |
| 135                                | SCORING BITUMINOUS PAVEMENT BY CUTTING                                                                                                                                                                                                                                                                                                                                                         | 12    | MILE | \$550.00    | \$6,600.00  |
| 136                                | TEMPORARY TRAFFIC SIGNALS AT DONEGAL AND OLD BIG COVE INTERSECTIONS TO INCLUDE: INSTALLATION, MAINTENANCE, ADJUSTMENT AND REMOVAL - COMPLETE IN PLACE. LUMP SUM PAYMENT FOR PROVIDING TEMPORARY SIGNALIZATION FOR 2 LANES OF TRAFFIC (1 EASTBOUND LANE AND 1 WESTBOUND LANE) BEGINNING AT THE COMPLETION OF PHASE 1 AND ENDING AFTER THE PERMANENT SIGNALS ARE ACCEPTED BY TRAFFIC ENGINEERING | 1     | LS   | \$55,000.00 | \$55,000.00 |
| 137                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Donegal)                                                                                                                                                                                                                                                                                                                           | 1     | LS   | \$5,400.00  | \$5,400.00  |
| 138                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Old Big Cove)                                                                                                                                                                                                                                                                                                                      | 1     | LS   | \$5,400.00  | \$5,400.00  |
| 139                                | CONDUIT, PVC, SCHEDULE 40, 2 INCH STREET LIGHTS (ALL ROADWAY CROSSINGS REQUIRE STONE BACKFILL INCIDENTAL TO CONDUIT)                                                                                                                                                                                                                                                                           | 1,500 | LF   | \$37.00     | \$55,500.00 |
| 140                                | 4" HDPE ELECTRICAL CONDUIT, 1 LINE, DIRECTIONAL BORE                                                                                                                                                                                                                                                                                                                                           | 100   | LF   | \$100.00    | \$10,000.00 |

| ATTACHMENT "A3"                                                            |                                                                                        |       |    |             | 11/26/2018             |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------|----|-------------|------------------------|
| <b>CECIL ASHBURN DRIVE WIDENING-REBID</b><br><b>Project No. 65-14-RD07</b> |                                                                                        |       |    |             |                        |
| <b>BID TABULATION</b>                                                      |                                                                                        |       |    |             |                        |
| 141                                                                        | INSTALL CITY OF HUNTSVILLE FURNISHED STREET LIGHT<br>FIXTURE AND POLE                  | 8     | EA | \$2,000.00  | \$16,000.00            |
| 142                                                                        | STREET LIGHT PEDESTALS (QUAZITE TIER 15 OR APPROVED<br>EQUAL)                          | 8     | EA | \$600.00    | \$4,800.00             |
| 143                                                                        | LIGHT POLE BASES, REINFORCED CONCRETE (HUNTSVILLE<br>UTILITIES STANDARD 3' DIA. X 10') | 8     | EA | \$4,500.00  | \$36,000.00            |
| 144                                                                        | #2 TRIPLEX 600V CONDUCTOR STREET LIGHT                                                 | 1,000 | LF | \$10.00     | \$10,000.00            |
| <b>TOTAL BASE BID</b>                                                      |                                                                                        |       |    |             | <b>\$17,946,909.50</b> |
| <b>Option No. 1 TRAFFIC SIGNALS</b>                                        |                                                                                        |       |    |             |                        |
| 1-1                                                                        | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT<br>(DONEGAL DRIVE SE)                   | 1     | LS | \$1,000.00  | \$1,000.00             |
| 1-2                                                                        | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (OLD<br>BIG COVE ROAD)                  | 1     | LS | \$15,000.00 | \$15,000.00            |
| 1-3                                                                        | RADAR DETECTION SYSTEM (DONEGAL DRIVE SE)                                              | 1     | LS | \$45,000.00 | \$45,000.00            |
| 1-4                                                                        | RADAR DETECTION SYSTEM (OLD BIG COVE ROAD SE)                                          | 1     | LS | \$45,000.00 | \$45,000.00            |
| 1-5                                                                        | METAL TRAFFIC SIGNAL POLE FOUNDATION                                                   | 4     | EA | \$8,000.00  | \$32,000.00            |

| ATTACHMENT "A3"                                                            |                                                         |       |    |             | 11/26/2018          |
|----------------------------------------------------------------------------|---------------------------------------------------------|-------|----|-------------|---------------------|
| <b>CECIL ASHBURN DRIVE WIDENING-REBID</b><br><b>Project No. 65-14-RD07</b> |                                                         |       |    |             |                     |
| <b>BID TABULATION</b>                                                      |                                                         |       |    |             |                     |
| 1-6                                                                        | METAL TRAFFIC SIGNAL POLE WITH 60' MAST ARM ASSEMBLY    | 4     | EA | \$25,000.00 | \$100,000.00        |
| 1-7                                                                        | METAL TRAFFIC SIGNAL STRAIN POLE PEDESTAL               | 2     | EA | \$5,000.00  | \$10,000.00         |
| 1-8                                                                        | TRAFFIC SIGNAL JUNCTION BOX                             | 8     | EA | \$500.00    | \$4,000.00          |
| 1-9                                                                        | 1", NON-METALLIC, CONDUIT                               | 200   | LF | \$20.00     | \$4,000.00          |
| 1-10                                                                       | 2", NON-METALLIC, CONDUIT                               | 1,030 | LF | \$30.00     | \$30,900.00         |
| 1-11                                                                       | 3", NON-METALLIC, CONDUIT                               | 490   | LF | \$40.00     | \$19,600.00         |
| 1-12                                                                       | LUMINAIRE EXTENSION ASSEMBLY                            | 5     | EA | \$2,500.00  | \$12,500.00         |
| 1-13                                                                       | VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED     | 8     | EA | \$1,200.00  | \$9,600.00          |
| 1-14                                                                       | VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED     | 5     | EA | \$1,400.00  | \$7,000.00          |
| 1-15                                                                       | PEDESTRIAN SIGNAL HEAD, TYPE LED                        | 6     | EA | \$1,500.00  | \$9,000.00          |
| 1-16                                                                       | CONTROLLER ASSEMBLY, TYPE III, 8 PHASE                  | 1     | EA | \$18,000.00 | \$18,000.00         |
| 1-17                                                                       | 8 INCH ELECTRICAL CONDUIT, 3 LINES, TYPE 5 INSTALLATION | 360   | LF | \$250.00    | \$90,000.00         |
| 1-18                                                                       | MOBILIZATION                                            | 1     | LS | \$50,000.00 | \$50,000.00         |
| <b>TOTAL Option No. 1</b>                                                  |                                                         |       |    |             | <b>\$502,600.00</b> |



## ATTACHMENT "A3"

11/26/2018

**CECIL ASHBURN DRIVE WIDENING-REBID**  
**Project No. 65-14-RD07**

**BID TABULATION**

**Option No. 2 HUNTSVILLE UTILITIES 16" WATER MAIN  
EXTENSION**

|      |                                                     |        |    |             |              |
|------|-----------------------------------------------------|--------|----|-------------|--------------|
| 2-1  | MOBILIZATION/DEMOBILIZATION                         | 1      | LS | \$12,000.00 | \$12,000.00  |
| 2-2  | GEOMETRIC CONTROLS                                  | 1      | LS | \$9,500.00  | \$9,500.00   |
| 2-3  | 12" RJ DUCTILE IRON PIPE, CL350 (INSTALLATION ONLY) | 1,020  | FT | \$30.00     | \$30,600.00  |
| 2-4  | PIPE, PVC, 4 (INSTALLATION ONLY)                    | 20     | FT | \$20.00     | \$400.00     |
| 2-5  | PIPE, TYT, DI, 6, CL350 (INSTALLATION ONLY)         | 147    | FT | \$24.50     | \$3,601.50   |
| 2-6  | PIPE, TYT, DI, 10, CL350 (INSTALLATION ONLY)        | 33     | FT | \$26.00     | \$858.00     |
| 2-7  | PIPE, TYT, DI, 12, CL350 (INSTALLATION ONLY)        | 14,183 | FT | \$24.00     | \$340,392.00 |
| 2-8  | PIPE, TYT, DI, 18, CL350 (INSTALLATION ONLY)        | 1,323  | FT | \$33.00     | \$43,659.00  |
| 2-9  | VALVE, GATE, MJ, 6 (INSTALLATION ONLY)              | 5      | EA | \$200.00    | \$1,000.00   |
| 2-10 | VALVE, GATE, MJ, 12 (INSTALLATION ONLY)             | 12     | EA | \$250.00    | \$3,000.00   |
| 2-11 | VALVE, RELIEF, AIR, 1 (INSTALLATION ONLY)           | 1      | EA | \$1,000.00  | \$1,000.00   |
| 2-12 | VALVE, RELIEF, AIR&VAC, 2 (INSTALLATION ONLY)       | 1      | EA | \$1,200.00  | \$1,200.00   |
| 2-13 | 12" CHECK VALVE ASSEMBLY (INSTALLATION ONLY)        | 1      | EA | \$500.00    | \$500.00     |
| 2-14 | VALVE, BUTTERFLY, MJ, 18 (INSTALLATION ONLY)        | 2      | EA | \$800.00    | \$1,600.00   |

## ATTACHMENT "A3"

11/26/2018

## CECIL ASHBURN DRIVE WIDENING-REBID

Project No. 65-14-RD07

## BID TABULATION

|      |                                               |   |    |            |            |
|------|-----------------------------------------------|---|----|------------|------------|
| 2-15 | 10" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA | \$250.00   | \$250.00   |
| 2-16 | 18" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA | \$250.00   | \$250.00   |
| 2-17 | REDUCER, MJ, DI, 18 x 12 (INSTALLATION ONLY)  | 1 | EA | \$200.00   | \$200.00   |
| 2-18 | ELL, 90, MJ, 18 (INSTALLATION ONLY)           | 1 | EA | \$200.00   | \$200.00   |
| 2-19 | TEE, MJ, DI, 18x12 (INSTALLATION ONLY)        | 2 | EA | \$200.00   | \$400.00   |
| 2-20 | TEE, MJ, DI, 18x6 (INSTALLATION ONLY)         | 2 | EA | \$200.00   | \$400.00   |
| 2-21 | PLUG, MJ, DI, 18" (INSTALLATION ONLY)         | 1 | EA | \$150.00   | \$150.00   |
| 2-22 | FIRE HYDRANT ASSEMBLY (INSTALLATION ONLY)     | 3 | EA | \$1,000.00 | \$3,000.00 |
| 2-23 | RELOCATE SERVICE LINES (INSTALLATION ONLY)    | 6 | EA | \$400.00   | \$2,400.00 |

TOTAL Option No. 2

\$456,560.50

## Option No. 3 HUNTSVILLE UTILITIES FIBER OPTIC

|     |                             |   |    |             |             |
|-----|-----------------------------|---|----|-------------|-------------|
| 3-1 | MOBILIZATION/DEMobilIZATION | 1 | LS | \$12,000.00 | \$12,000.00 |
| 3-2 | GEOMETRIC CONTROLS          | 1 | LS | \$7,000.00  | \$7,000.00  |

**ATTACHMENT "A3"**

**11/26/2018**

**CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**BID TABULATION**

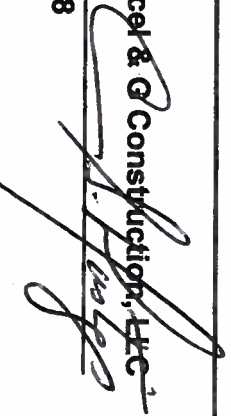
|                           |                                                                                                     |        |    |            |                     |
|---------------------------|-----------------------------------------------------------------------------------------------------|--------|----|------------|---------------------|
| 3-3                       | (2) - 3" HDPE COMMUNICATION CONDUITS (INSTALL ONLY),<br>SHARED TRENCH Complete in Place See Details | 15,840 | FT | \$18.00    | \$285,120.00        |
| 3-4                       | 4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED<br>COMMUNICATION COVER                                  | 30     | EA | \$2,000.00 | \$60,000.00         |
| 3-5                       | MANDREL TESTING AND PULL STRING INSTALLATION                                                        | 31,680 | FT | \$2.00     | \$63,360.00         |
| <b>TOTAL Option No. 3</b> |                                                                                                     |        |    |            | <b>\$427,480.00</b> |

**TOTAL BID (BASE BID + OPTION No. 1 + OPTION 2 + OPTION 3)**

**\$19,333,550.00**

**ALL ITEMS SHALL BE CONSIDERED IN-PLACE. PRICES SHALL  
INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND  
REMOVALS AS REQUIRED FOR CONSTRUCTION OF THE  
REQUIRED WORK.**

**COMPANY Carcel & G Construction, LLC  
SIGNATURE  
DATE 11/26/2018**





**ATTACHMENT "B"**

**PROPOSAL**

**TO: THE CITY OF HUNTSVILLE**

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

**PROPOSAL OF Carcel & G Construction, LLC**

**(NAME)**

**31 County Road 240, Hanceville, AL 35077**  
**(ADDRESS)**

**TO MAKE CERTAIN IMPROVEMENTS ENTITLED:**

**CECIL ASHBURN DRIVE WIDENING-REBID  
PROJECT #65-14-RD07**

**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 on Attachment "C" which must be submitted with bid package; 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. Any bids received that are unsealed will be immediately rejected.

Contractors are authorized to download quantities, Attachment "A", or quantity revisions from COH Engineering website and paste to a CD-RW (preferably in a live/flash drive format) of their choice which must be submitted with the original bid packet. In addition, two hard copies must be signed and submitted with original bid packet. Failure to do so may be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the bid CD in any manner. If a price discrepancy is found on the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copies, then printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail.

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: Mary Ridgeway.

The undersigned bidder understands that the Contract Time for completion of all work is five hundred forty (540) calendar days.

**CECIL ASHBURN DRIVE WIDENING-REBID  
PROJECT #85-14-RD07**

**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.

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 \$50,000.00 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: November 26, 2018.

(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 AL 37737

(IF A CORPORATION)  
SIGNATURE OF BIDDER \_\_\_\_\_

BY Carmen S. Hastings

BUSINESS ADDRESS 31 County Road 240, Hanceville, AL 35077

INCORPORATED UNDER THE LAWS OF THE STATE OF Alabama

NAMES PRESIDENT Carmen S. Hastings

OF SECRETARY Carmen S. Hastings

OFFICERS TREASURER Carmen S. Hastings

**MANDATORY ACKNOWLEDGEMENT OF ADDENDA:** Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. Acknowledgement of receipt of addenda is mandatory using Attachment "C" and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates.

**ATTACHMENT "C"**

**CECIL ASHBURN DRIVE WIDENING-REBID  
PROJECT #85-14-RD07**

**MANDATORY ACKNOWLEDGEMENT OF ADDENDA**

Acknowledgement of receipt of Addenda is Mandatory. Failure to acknowledge receipt/download from website shall be cause for rejection of the bid. By signing below, Bidder acknowledges receipt of Addenda and the date received.

| <b><u>ADDENDUM NO.</u></b> | <b><u>DATE<br/>RECEIVED/DOWNLOADED<br/>FROM WEBSITE (if<br/>applicable)</u></b> |
|----------------------------|---------------------------------------------------------------------------------|
| 1                          | 11-2-2018                                                                       |
| 2                          | 11-8-2018                                                                       |
| 3                          | 11-16-2018                                                                      |
| 4                          | 11-19-2018                                                                      |
| 5                          | 11-20-2018                                                                      |

**COMPANY** Carcel & G Construction, LLC

**SIGNATURE** 

**TITLE** Managing Member

**DATE** 11-26-2018



# ATTACHMENT "D"

## CECIL ASHBURN DRIVE WIDENING-REBID PROJECT #85-14-RD07

### 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 Ridgeway via email at [mary.ridgeway@huntsvilleal.gov](mailto:mary.ridgeway@huntsvilleal.gov) and the Owner's project inspector of any changes to subcontractor list for the duration of the project.

| <u>TASKS TO BE PERFORMED</u>                | <u>SUBCONTRACTOR NAME</u>                  | <u>LICENSE NO.</u> | <u>ADDRESS</u>                                       | <u>ITEM #S OF WORK TO BE PERFORMED</u> |
|---------------------------------------------|--------------------------------------------|--------------------|------------------------------------------------------|----------------------------------------|
| Surveying/Layout                            |                                            |                    |                                                      |                                        |
| Permitting                                  |                                            |                    |                                                      |                                        |
| Clearing & Grubbing                         |                                            |                    |                                                      |                                        |
| Erosion Control                             |                                            |                    |                                                      |                                        |
| Traffic Control                             |                                            |                    |                                                      |                                        |
| Excavation                                  |                                            |                    |                                                      |                                        |
| Concrete                                    | Phillips Slipform Inc                      | 44836              | PO Box 418<br>Sumiton, AL 35148                      | Curbs, Barrier Wall                    |
| Storm Drainage                              |                                            |                    |                                                      |                                        |
| Sanitary Sewer                              | CJF Construction Inc.                      | 41044              | 276 Davis Lane<br>Florence, AL 35634                 | All Sanitary Work                      |
| Shoring/Monitoring                          |                                            |                    |                                                      |                                        |
| Retaining Walls                             |                                            |                    |                                                      |                                        |
| Bridges                                     |                                            |                    |                                                      |                                        |
| Railroads                                   |                                            |                    |                                                      |                                        |
| Traffic (signals, loops)                    | Shoals Electric Co Inc.                    | 9168               | 704 Davidson Ave<br>Muscle Shoals, AL 35661          | All Signal Work                        |
| Street Lights                               |                                            |                    |                                                      |                                        |
| Electrical                                  |                                            |                    |                                                      |                                        |
| Water                                       |                                            |                    |                                                      |                                        |
| Asphalt                                     | Midsouth Paving, Inc.                      | 43461              | 500 Riverhills Business Park<br>Birmingham, AL 35242 | Asphalt / Milling                      |
| Landscaping (Trees, grassing)               |                                            |                    |                                                      |                                        |
| Irrigation                                  |                                            |                    |                                                      |                                        |
| Striping                                    | JC Cheek Contractors Inc                   | 11303              | PO Box 1138<br>Kosciusko, MS 39090                   | All Striping                           |
| Sewer Testing                               |                                            |                    |                                                      |                                        |
| Guardrails                                  | Alabama Guardrail Inc.                     | 9452               | PO Box 126<br>Cleveland, AL 35049                    | All Guardrail Items                    |
| Handrails                                   |                                            |                    |                                                      |                                        |
| Painting                                    |                                            |                    |                                                      |                                        |
| Special (fencing, benches, dewatering etc.) |                                            |                    |                                                      |                                        |
| Mechanical                                  |                                            |                    |                                                      |                                        |
| SCADA                                       |                                            |                    |                                                      |                                        |
| Other Blasting                              | Southern States Drilling<br>& Blasting Inc | S-52043            | PO Box 46<br>Trussville, AL 35173                    | Drilling & Blasting                    |

**ATTACHMENT "E"**

**CECIL ASHBURN DRIVE WIDENING-REBID  
PROJECT #85-14-RD07**

**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. New Walker High School Mass Grading**

City of Jasper  
400 19th Street West, Jasper, AL 35501  
205-221-2100  
Joe Matthews

**2.**

I 59/20 Widening (Tuscaloosa, AL)  
ALDOT / Midsouth Paving Inc.  
500 Riverhill Business Park Suite 590 Birmingham, AL 35242  
205-995-5900  
Bret Thornton

**3. I 65 / CR 222 Interchange (Cullman, AL)**

ALDOT  
23360 Florida Short Route, Guntersville, AL 35976  
256-841-2585  
Steve Davis

**4. I 59/20 Reconstruction**

ALDOT / Brasfield & Gorrie  
3021 7th Ave S, Birmingham, AL 35233  
205-328-4000  
Trey Ogle

**5. US Hwy 43 Widening**

ALDOT  
295 AL-20, Tuscumbia, AL 35674  
256-389-1400  
Adam Sandlin



## ATTACHMENT "F"

Pre-bid meeting to be held on November 1, 2018, at 10:00 am, 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: Cecil Ashburn Drive Widening-REBID, more particularly known as Project No. 65-14-RD07

**Description of Project:** Four Lane Widening of Cecil Ashburn Road from Donegal Drive to Taylor Road

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 Cecil Ashburn Drive Widening-REBID, more particularly known as Project No. 65-14-RD07 requires the contractor to possess a State of Alabama Classification of (HS) Highway and Streets or (MU) Municipal and Utility.

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 13th day of November, 2018, until 10:00 a.m. 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 \$50,000.00. 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. Contract Document Order of Precedence shall be as follows:

1. Addenda
2. General Requirements (Instructions to Bidders and Bid Proposal including Attachments)
3. Supplement to General Requirements
4. Drawings / City of Huntsville Standard Specifications for Construction of Public Improvements Contract Projects 1991
5. Supplemental Specifications (Earthwork, Chain Link Fences, and Gates)
6. Special Conditions
7. Current ALDOT 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: <http://www.huntsvilleal.gov/government/departments/engineering-department/>. Plans and proposals can be downloaded from our website at no cost: [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). 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 CD-RW (preferably in a live/flash drive format) in the Excel format. 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. Bid must be submitted from the file (Quantities) provided and downloaded from the City of Huntsville's website. Failure to do so may be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the CD in any manner. If a price discrepancy is found on the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copy, then printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail. All bids must be SEALED before submittal at the bid opening. Any bids received that are not sealed will be immediately rejected.

#### **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.

**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 "I". 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.

#### **ALABAMA ACT 2016-312**

"In accordance with Alabama Act 2016-312 as adopted and approved on May 5, 2016, on behalf of \_\_\_\_\_ (insert name of business) I do hereby certify and represent that this business is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

Title: \_\_\_\_\_  
 (Signature of authorized individual) "

Advertise Date: 10/26/18

# ATTACHMENT "G" SAMPLE FORM

## REQUEST FOR PAYMENT CITY OF HUNTSVILLE ENGINEERING DIVISION

PROJECT NAME AND NUMBER: \_\_\_\_\_

ESTIMATE NUMBER: \_\_\_\_\_

PERIOD FROM: \_\_\_\_\_

TO \_\_\_\_\_

CONTRACT DURATION

\_\_\_\_\_ DAYS

START DATE: \_\_\_\_\_

END DATE: \_\_\_\_\_

1/0/00

TOTAL CONTRACT TIME (3) \_\_\_\_\_ 0 \_\_\_\_\_ DAYS

TIME C.O. # 1  
TIME C.O. # 2  
TIME C.O. # 3

CONTRACT DAYS REMAINING \_\_\_\_\_ 0 \_\_\_\_\_

TOTAL CONTRACT AMOUNT (1)

AS AWARDED

\$ \_\_\_\_\_ - CURRENT \$ \_\_\_\_\_

C.O. # 1 \$  
C.O. # 2 \$  
C.O. # 3 \$

TOTAL AMOUNT EARNED TO DATE LESS STORED MATERIALS (2):

\$ \_\_\_\_\_

MATERIAL STORED (INVOICE ATTACHED)

\$ \_\_\_\_\_

RETAINAGE (5%) OF 50% OF CONTRACT

\$ \_\_\_\_\_

AMOUNT EARNED AFTER RETAINAGE

Amount is in accordance with ALDOT and CON specifications and is based on the contract amount before change orders.

\$ \_\_\_\_\_

LIQUIDATED DAMAGES PER DAY

200

LIQUIDATED DAMAGES ASSESSED TO DATE:

Damages, if applicable, will automatically be calculated by subtracting the contract end date from the invoice 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

TOTAL CONTRACT TIME (3)

0

DAYS  
DAYS

=

B: PROJECT COMPLETION:

TOTAL EARNED TO DATE (2)

TOTAL CONTRACT AMOUNT

-

=

#DIV/0!

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 strict accordance with the plans, specifications, laws and ordinances applicable thereto, and do further certify that all labor, materials and equipment listed herein have been paid for in full as shown 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 (if this is the final estimate) that the amount received hereunder is considered compensation 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: \_\_\_\_\_

KATHY MARTIN, CITY ENGINEER  
OR LYNN MAJORS, ADMINISTRATIVE OFFICER

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

PROJECT ENGINEER

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

## **ATTACHMENT "H"**

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)



## ATTACHMENT "I"

## 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): Carcel & G Construction, LLC
- ☐ City of Huntsville current taxpayer identification number (if available): \_\_\_\_\_  
(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><u>54-2071031 AL</u>              |
| <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.alabama.gov, 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: Carmen S. HastingsTitle (if applicable): Managing MemberType or legibly write name: Carmen S. HastingsDate: 11-26-2018



Company ID Number: 489290

## 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 Department of Homeland Security (DHS) and Carcel & G. Construction, LLC (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts or to verify the entire workforce if the contractor so chooses.

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). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor with the FAR E-Verify clause") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

### ARTICLE II

#### FUNCTIONS TO BE PERFORMED

##### A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. 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. 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. 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 SSA as governed



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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 provide 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 within 3 Federal Government work days of the initial inquiry.

5. SSA agrees to provide 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 non-citizens 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 DHS**

1. After SSA verifies the accuracy of SSA records for employees through E-Verify, DHS agrees to provide the Employer access to selected data from DHS's database to enable the Employer to conduct, to the extent authorized by this MOU:

- Automated verification checks on employees by electronic means, and
- Photo verification checks (when available) on 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 make available to the Employer at the E-Verify Web site and on the E-Verify Web browser, instructional materials 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, 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 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 employees' 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





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Nationality Act (INA) and Federal criminal laws, and to administer Federal contracting requirements.

7. DHS agrees to provide 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.

8. DHS agrees to provide 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 and all employees who are to be verified through the system.

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 most recent version of the E-Verify User 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 current 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 objects to the photo requirement for religious reasons, the Employer

- should contact E-Verify at 888-464-4218.

- 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 photocopy must be of sufficient quality to allow for verification of the photo





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and written information. The employer will use the photocopy to verify the photo and to assist DHS 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, including the obligation to comply with the antidiscrimination requirements of section 274B of the INA with respect to Form I-9 procedures, 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 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 good faith 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 \$550 and \$1,100 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 an 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 based on information provided through the confirmation system. DHS reserves the right to conduct Form I-9 and E-Verify system 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 for new employees within 3 Employer business days after each employee has been hired (but after the Form I-9 has 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 User Manual, or in the case of Federal contractors with the FAR E-Verify clause, the E-Verify User Manual for Federal Contractors. 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. Employers may initiate verification by notating the Form I-9 in circumstances where the employee has applied for a Social Security Number (SSN) from the SSA and is waiting to receive the SSN, provided that the Employer performs an E-Verify employment verification query using the employee's SSN as soon as the SSN becomes available.

8. The Employer agrees not to use E-Verify procedures for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use not authorized by this MOU. Employers must use E-Verify for all new employees, unless an Employer is a Federal contractor that qualifies for the exceptions described in Article II.D.1.c. Except as provided in Article II.D, the Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. The Employer understands that if the Employer



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uses the E-Verify system for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its access to SSA and DHS information pursuant to this MOU.

9. The Employer agrees to follow appropriate procedures (see Article III. below) regarding tentative nonconfirmations, including notifying employees in private of the finding and providing them written notice of the findings, 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 perceived 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(l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification system to verify work authorization, a tentative nonconfirmation, a case in continuance (indicating the need for additional time for the government to resolve a case), or the finding of a photo non-match, does not establish, and should not be interpreted as evidence, that the employee is not work authorized. In any of the cases listed above, the employee must be provided a full and fair opportunity to contest the finding, and if he or she does so, the employee may not be terminated or suffer any adverse employment consequences based upon the employee's perceived employment eligibility status (including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, refusing to assign the employee to a Federal contract or other assignment, or otherwise subjecting an employee to any assumption that he or she is unauthorized to work) 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 or if a secondary verification is completed and a final nonconfirmation is issued, then the Employer can find the employee is not work authorized and terminate the employee's employment. Employers or employees with questions about a final nonconfirmation may call E-Verify at 1-888-464-4218 or OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

11. The Employer agrees to comply with Title VII of the Civil Rights Act of 1964 and section 274B of the INA, as applicable, 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 except as provided in part D below, or discharging or refusing to hire employees because they appear or sound "foreign" or have received tentative nonconfirmations. The Employer further understands that any violation of the unfair immigration-related employment practices provisions in section 274B of the INA could subject the Employer to civil penalties, back pay awards, and other sanctions, and violations of Title VII could subject the Employer to back pay awards, compensatory and punitive damages. Violations of either section 274B of the INA or Title VII may also lead to the termination of its participation in E-



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Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-8155 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 SSA or DHS pursuant to E-Verify and this MOU only to confirm the employment eligibility of employees as authorized by this MOU. 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, except for such dissemination as may be authorized in advance by SSA or DHS for legitimate purposes.

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 cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, including by permitting DHS and SSA, upon reasonable notice, to review Forms I-9 and other employment records and to interview it and its employees regarding the Employer's use of E-Verify, and to respond in a timely and accurate manner to DHS requests for information relating to their participation in E-Verify.

#### **D. RESPONSIBILITIES OF FEDERAL CONTRACTORS WITH THE FAR E-VERIFY CLAUSE**

1. The Employer understands that if it is a subject to the employment verification terms in Subpart 22.18 of the FAR, it must verify the employment eligibility of any existing employee assigned to the contract and all new hires, as discussed in the Supplemental Guide for Federal Contractors. Once an employee has been verified through E-Verify by the Employer, the Employer may not reverify the employee through E-Verify.

a. Federal contractors with the FAR E-Verify clause agree to become familiar with and comply with the most recent versions of the E-Verify User Manual for Federal Contractors and the E-Verify Supplemental Guide for Federal Contractors.

b. Federal contractors with the FAR E-Verify clause agree to complete a tutorial for Federal contractors with the FAR E-Verify clause.

c. Federal contractors with the FAR E-Verify clause not enrolled at the time of contract award: An Employer that is not enrolled in E-Verify at the time of a contract award must enroll as a Federal contractor with the FAR E-Verify clause in E-Verify within 30 calendar days of contract award and, within 90 days of enrollment, begin to use E-Verify to initiate verification of employment eligibility of new hires of the Employer who are working in the United States.





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whether or not assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within 3 business days after the date of hire. Once enrolled in E-Verify as a Federal contractor with the FAR E-Verify clause, the Employer must initiate verification of employees assigned to the contract within 90 calendar days from the time of enrollment in the system and after the date and selecting which employees will be verified in E-Verify or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Employers that are already enrolled in E-Verify at the time of a contract award but are not enrolled in the system as a Federal contractor with the FAR E-Verify clause: Employers enrolled in E-Verify for 90 days or more at the time of a contract award must use E-Verify to initiate verification of employment eligibility for new hires of the Employer who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire. Employers enrolled in E-Verify as other than a Federal contractor with the FAR E-Verify clause, must update E-Verify to indicate that they are a Federal contractor with the FAR E-Verify clause within 30 days after assignment to the contract. If the Employer is enrolled in E-Verify for 90 calendar days or less at the time of contract award, the Employer must, within 90 days of enrollment, begin to use E-Verify to initiate verification of new hires of the contractor who are working in the United States, whether or not assigned to the contract. Such verification of new hires must be initiated within 3 business days after the date of hire. An Employer enrolled as a Federal contractor with the FAR E-Verify clause in E-Verify must initiate verification of each employee assigned to the contract within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever is later.

e. Institutions of higher education, State, local and tribal governments and sureties: Federal contractors with the FAR E-Verify clause that are institutions of higher education (as defined at 20 U.S.C. 1001(a)), State or local governments, governments of Federally recognized Indian tribes, or sureties performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors with the FAR E-Verify clause may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. The provisions of Article II.D, paragraphs 1.a and 1.b of this MOU providing timeframes for initiating employment verification of employees assigned to a contract apply to such institutions of higher education, State, local and tribal governments, and sureties.

f. Verification of all employees: Upon enrollment, Employers who are Federal contractors with the FAR E-Verify clause may elect to verify employment eligibility of all existing employees working in the United States who were hired after November 6, 1986, instead of verifying only new employees and those existing employees assigned to a covered Federal contract. After enrollment, Employers must elect to do so only in the manner designated by DHS and initiate E-Verify verification of all existing employees within 180 days after the election.

g. Form I-9 procedures for existing employees of Federal contractors with the FAR E-Verify clause: Federal contractors with the FAR E-Verify clause may choose to complete new Forms I-9 for all existing employees other than those that are completely exempt from this process. Federal contractors with the FAR E-Verify clause may also update previously completed Forms I-9 to initiate E-Verify verification of existing employees who are not completely exempt as long as that Form I-9 is complete (including the SSN), complies with





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Article II.C.5, the employee's work authorization has not expired, and the Employer has reviewed the information reflected in the Form I-9 either in person or in communications with the employee to ensure that the employee's stated basis in section 1 of the Form I-9 for work authorization has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen). If the Employer is unable to determine that the Form I-9 complies with Article II.C.5, if the employee's basis for work authorization as attested in section 1 has expired or changed, or if the Form I-9 contains no SSN or is otherwise incomplete, the Employer shall complete a new I-9 consistent with Article II.C.5, or update the previous I-9 to provide the necessary information. If section 1 of the Form I-9 is otherwise valid and up-to-date and the form otherwise complies with Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired subsequent to completion of the Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.C.5, subject to any additional or superseding instructions that may be provided on this subject in the Supplemental Guide for Federal Contractors. Nothing in this section shall be construed to require a second verification using E-Verify of any assigned employee who has previously been verified as a newly hired employee under this MOU, or to authorize verification of any existing employee by any Employer that is not a Federal contractor with the FAR E-Verify clause.

2. The Employer understands that if it is a Federal contractor with the FAR E-Verify clause, its compliance with this MOU is a performance requirement under the terms of the Federal contract or subcontract, and the Employer consents to the release of information relating to compliance with its verification responsibilities under this MOU to contracting officers or other officials authorized to review the Employer's compliance with Federal contracting requirements.

### **ARTICLE III**

## **REFERRAL OF INDIVIDUALS TO SSA AND DHS**

### **A. REFERRAL TO SSA**

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the notice as directed by the E-Verify system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation. The Employer must review the tentative nonconfirmation with the employee in private.

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 system-generated referral letter and instruct the employee to visit an SSA office within 8 Federal Government work days. SSA will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it



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determines that more than 10 days is necessary. The Employer agrees to check the E-Verify system regularly for case updates.

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 DHS**

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must print the tentative nonconfirmation notice as directed by the E-Verify system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation. The Employer must review the tentative nonconfirmation with the employee in private.

2. If the Employer finds a photo non-match for an employee 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. The Employer must review the tentative nonconfirmation with the employee in private.

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 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 DHS through its toll-free hotline (as found on the referral letter) 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. The Employer agrees to check the E-Verify system regularly for case updates.

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 (paid for at employer expense).

7. If the Employer determines that there is a photo non-match when comparing the photocopied List B document described in Article II.C.5 with the image generated in E-Verify, the Employer must forward the employee's documentation to DHS using one of the means described in the preceding paragraph, and allow DHS to resolve the case.



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#### **ARTICLE IV**

##### **SERVICE PROVISIONS**

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 E-Verify, an Employer will need a personal computer with Internet access.

#### **ARTICLE V**

##### **PARTIES**

A. 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 User Manual, the E-Verify User Manual for Federal Contractors or the E-Verify Supplemental Guide for Federal Contractors. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials. An Employer that is a Federal contractor with the FAR E-Verify clause may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such a circumstance, the Federal contractor with the FAR E-Verify clause must provide written notice to DHS. If an Employer that is a Federal contractor with the FAR E-Verify clause fails to provide such notice, that Employer will remain a participant in the E-Verify program, will remain bound by the terms of this MOU that apply to participants that are not Federal contractors with the FAR E-Verify clause, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.

B. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU 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. The Employer understands that if it is a Federal contractor with the FAR E-Verify clause, termination of this MOU by any party for any reason may negatively affect its performance of its contractual responsibilities.

C. 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 necessary. By separate agreement with DHS, SSA has agreed to perform its responsibilities as described in this MOU.



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D. 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.

E. 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.

F. 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, determinations of compliance with Federal contractual requirements, and responses to inquiries under the Freedom of Information Act (FOIA).

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

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





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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 at 888-464-4218.

**Employer Carcel & G. Construction, LLC**

**Carmen Hastings**

Name (Please Type or Print)

Title

**Electronically Signed**

**01/13/2012**

Signature

Date

**Department of Homeland Security – Verification Division**

**USCIS Verification Division**

Name (Please Type or Print)

Title

**Electronically Signed**

**01/13/2012**

Signature

Date

### Information Required for the E-Verify Program

#### Information relating to your Company:

|                                 |                               |
|---------------------------------|-------------------------------|
| Company Name:                   | Carcel & G. Construction, LLC |
| Company Facility Address:       | 31 County Road 240            |
|                                 | Hanceville, AL 35077          |
| Company Alternate Address:      | 31 County Road 240            |
|                                 | Hanceville, AL 35077          |
| County or Parish:               | CULLMAN                       |
| Employer Identification Number: | 542071031                     |



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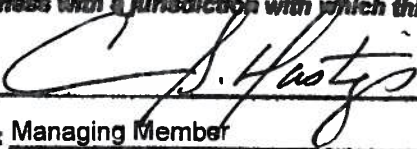
|                                                                                                                                                                                                    |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| North American Industry Classification Systems Code:                                                                                                                                               | 237      |
| Administrator:                                                                                                                                                                                     |          |
| Number of Employees:                                                                                                                                                                               | 20 to 99 |
| Number of Sites Verified for:                                                                                                                                                                      | 1        |
| <p><b>Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:</b></p> <ul style="list-style-type: none"> <li>• ALABAMA 1 site(s)</li> </ul> |          |

**Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:**

|                   |                                |             |                  |
|-------------------|--------------------------------|-------------|------------------|
| Name:             | Carmen S Hastings              | Fax Number: | (256) 736 - 9968 |
| Telephone Number: | (256) 736 - 5556 ext. 102      |             |                  |
| E-mail Address:   | Carmen.Hastings@carcelandg.com |             |                  |
| Name:             | Tonya Q Godbee                 | Fax Number: | (256) 736 - 9968 |
| Telephone Number: | (256) 736 - 5556 ext. 113      |             |                  |
| E-mail Address:   | Tonya.Godbee@carcelandg.com    |             |                  |

ATTACHMENT "J"

"In accordance with Alabama Act 2016-312 as adopted and approved on May 5, 2016, on behalf of  
Carcel & G Construction, LLC (insert name of business) I do hereby certify and represent that this  
business is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing  
business with a jurisdiction with which this state can enjoy open trade.

  
\_\_\_\_\_  
Title: Managing Member  
(Signature of authorized individual) "

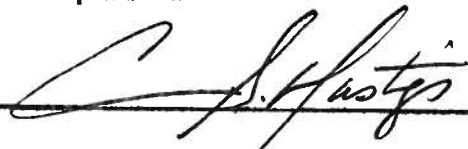
**ATTACHMENT "K"**

**CERTIFICATE OF COMPLIANCE WITH ACT 2016-312**

I, the undersigned, certify to the State of Alabama as follows:

- a. I am authorized to provide representations set out in this Certificate as the official and binding act of the Contractor, and have knowledge of Alabama's Act 2016-312.
- b. In compliance with Act 2016-312, the Contractor is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

Signature: \_\_\_\_\_



Name of Certifying Official (print): Carmen S. Hastings

Title: Managing Member

Date of Certification (mm/dd/yyyy): 11-26-2018



**SUPPLEMENT TO GENERAL REQUIREMENTS  
FOR  
CONSTRUCTION OF PUBLIC IMPROVEMENTS  
CECIL ASHBURN DRIVE WIDENING-REBID  
PROJECT #65-14-RD07  
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 \$50,000.00. Quantities are known as Attachment "A". No bidder may withdraw his bid within ninety (90) days after the actual date of opening. Addenda, the Supplement to General Requirements for Construction of Public Improvements City of Huntsville Specifications, Standard Specifications for Construction of Public Improvements Contract Projects, 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. Contract Document Order of Precedence shall be as follows: 1. Addenda; 2. General Requirements (instructions to Bidders and Bid Proposal including attachments); 3. Supplement to General Requirements; 4. Drawings/City of Huntsville Standard Specifications for Construction of Public Improvements Contract Projects, 1991; 5. Supplemental Specifications (Earthwork, Chain Link Fences, and Gates); 6. Special Conditions; and 7. Current ALDOT Specifications. 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. Any bids received that are unsealed will be immediately rejected.

(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 "D". 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 "D" 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 \$50,000.00 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/Subcontractor(s) 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 by the Contractor/Subcontractor(s).

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

**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. If project requires an ADEM permit, the Contractor is responsible for transferring the ADEM permit from the City of Huntsville to the Contractor upon award of bids.

**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 CD-RW. The hard copy will be printed from the CD-RW. A sample copy of the invoice is attached as Attachment "G". The OWNER will provide the CD-RW to the contractor. Two originals and two copies of the invoices are required before payment will be made. The CD-RW 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 "G" – 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 of 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 Symbolology.

**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 Pavement    | 3         | 16    | 0      |           |      |           |

|    |                                                        |   |     |   |      |    |               |
|----|--------------------------------------------------------|---|-----|---|------|----|---------------|
| 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 "I". 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

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**November 2, 2018**

### **Addendum #1**

Attached are the minutes from the Pre-Bid Meeting held Thursday, November 1, 2018.

**Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. All addenda, as well as other project information, are available for downloading on Engineering's website at [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). Acknowledgement of receipt/download from website of addenda is mandatory using Attachment "C" located in the Specifications and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates. The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.**

**END OF ADDENDUM #1**

**The Star of Alabama**

## PRE-BID MEETING

### MINUTES

PROJECT NAME: Cecil Ashburn Drive Widening-REBID

PROJECT NUMBER: 65-14-RD07

DATE: November 1, 2018

PROJECT ENGINEER: Alan Clements

PROJECT INSPECTOR: Woody Maples/ TBA Consultant

|                  |                                     |
|------------------|-------------------------------------|
| Arthur Vaughn    | MMI Utility Company                 |
| Jamie Prater     | Shoals Electric                     |
| Aaron Gregory    | Gregory Construction                |
| Stanley Hallmark | Southern States Drilling & Blasting |
| Tim Mayhall      | Reed Contracting                    |
| Chris Lovoy      | Reed Contracting                    |
| Greer Walker     | Wiregrass Construction              |
| Mickey Donahue   | Wiregrass Construction              |
| Joshue Reeser    | Wright Brothers Construction        |
| Adam Lamar       | Carcel & G Construction             |
| David Harris     | Reed Contracting                    |
| Matt Manning     | Manning Construction                |
| Glen Partlow     | Huntsville Utilities                |
| Walton Ashwander | Midsouth Paving                     |
| Josh Chandler    | SJ&L General Contractors            |
| Rob White        | Eutaw Construction                  |
| Chip Hussey      | Eutaw Construction                  |
| Howard Anderson  | S&ME                                |
| Brett Wiseman    | S&ME                                |
| John Corbell     | OMI                                 |
| Brandon Kennedy  | SAIN Associates                     |
| Nicholas Nene    | COH Traffic Engineering             |
| Robbie Stewart   | COH Natural Resources               |
| Steve Quick      | COH Engineering                     |
| Michael Thomas   | COH Engineering                     |



Woody Maples  
Angela Gurley  
Mary Ridgeway

COH Engineering  
COH Engineering  
COH Engineering

1. Introduction of all persons present

Design Engineer S&ME – Brett Wiseman & Howard Anderson  
Geotechnical Engineer OMI – John Corbell & Keith Mandel  
Traffic Engineer Sain and Associates – Jeff Stephenson

2. Work Description the widening of four lanes of Cecil Ashburn Road from Donegal Drive to Taylor Road which is approximately 3.5 miles with 2.5 miles being through the mountain and approximately 1 mile on the backside which will be the widening of Sutton Road. It will be a curb and gutter section along with intersection improvements to include new signalized intersections with radar and utility work which will be included as options. There will be an option for the signals, water main and the fiber. This project was part of the Restore our Roads project between ALDOT and the City of Huntsville. There were seven (7) projects that were part of this agreement. Four (4) of them were ALDOT roads and three (3) of them were City roads which includes Cecil Ashburn Drive so anytime ALDOT is referenced in the project documents it pertains to identification and quality of acceptance. The City's specifications and Huntsville Utilities specifications as amended, will be used as well as any additional addenda. Payment will be per the City of Huntsville's specification or as amended through the addendum. This is a City of Huntsville project with no ALDOT participation. There will be no Gross Receipt Taxes, Certified Payroll and Davis Bacon Wage Rates, Asphalt Indexing, or Asphalt Pay Factors Deducts and Bonuses typically associated with ALDOT projects.
3. This is an important project and we have had multiple public hearings and community meetings. The City will proceed with the construction of the roadway with the goal of minimizing the public inconvenience and at the same time allow the contractor the freedom of building the roadway under closed conditions as well as expedite the project. The road closure portion of the project is called Phase I. The road closure limits will be from Avalon Drive to Old Big Cove Road for a 12 month period and to allow a 10-14 month period with an incentive and disincentive clause for early completion of Phase I. Information regarding the incentive and disincentive clause is not in the specifications but will be added through an addendum.

## **Incentive and Disincentive Clause**

**An Incentive/Disincentive Provision shall be included with the award of this Project:**

The Incentive/Disincentive provision is intended to motivate the contractor so that Phase I of work will be completed on or ahead of schedule to expedite the roadway completion and to minimize the inconvenience to the public. Phase I shall be as defined below. This Provision allows the contractor to be compensated a certain amount of money for each full calendar day that Phase I of the project is completed ahead of schedule and; the contractor to be assessed a deduction for each calendar day the contractor overruns the time set for the completion of Phase I of the project.

The Incentive/disincentive payment amount will consist of \$30,000 per calendar day with a maximum amount of \$2,000,000 for the contract.

Phase I shall be defined for this project to include the partial roadway construction to a point that allows for two lanes, one lane in each direction of traffic open for public use 24/7 within the project limits without unauthorized traffic interruptions and also include the following milestones listed below.

- Motorist will be allowed to use 2 lanes for public travel 24/7 to include one eastbound lane and one westbound lane with proper traffic control devices in place. Contractor is responsible for all traffic control in accordance with the MUTCD, latest edition.
- All cleared logging and vegetation that is to be removed as part of the clearing and grubbing operation shall be removed off the project site.
- Temporary Signals shall be installed and operational for Donegal Drive and Old Big Cove Road in accordance with the MUTCD, latest edition, to allow for safe public travel within the project limits.
- Station 49+00 and Ending at Station 58+50 will have to be completed through binder course for the entire width of Cecil Ashburn Drive to include Avalon Drive for a tie in for the completion of Phase 1. This is an existing section of the roadway that was originally constructed as a residential design and as a result does not meet AASHTO for a 40 MPH design and needs to be raised up to grade which is approximately three (3) to four (4) feet.
- Completion of all blasting operations and removal of unclassified rock excavation from the north side of the road is necessary to avoid any further road closures. The rock excavation from the north side needs to be spoiled in the spoil area or placed somewhere on the job site in order to keep excavators, big trucks or rock trucks from mixing with traffic. Additional Spoil Material is to be removed from the project at the Contractors expense.
- Phase I traffic control sequence shall be temporary striped with reflective paint to include raised pavement reflectors to match proposed temporary traffic pattern.
- Both open traffic lanes shall be paved through binder and maintained throughout construction (No base surfaces will be allowed for public travel purposes).

- All Calendar Days and 24-hour periods are permissive for construction activities in accordance with federal, state and local ordinances including but not limited to the Noise Ordinance. (10:00 PM to 7:00 AM).
  - All roadway crossings will need to be complete.
4. The maximum incentive amount of \$2,000,000 will be provided at \$30,000 for every calendar day the conditions are met prior to a 12 month period from the date of Notice-to-Proceed, and similarly a deduction of \$30,000 per calendar day for every calendar day after a 12 month period from the date of Notice-to-Proceed for completion of Phase I as described in the Incentive and Disincentive Clause above. Liquidated damages will not factor in until the actual contract completion date of the entire project.
  5. Permits (Provide copies of all permits as part of the Contract)
    - a. ADEM (NPDES) – City has NPDES Permit but the contractor will be responsible for transferring the permit to the contractor's name and will also be responsible to maintain and closeout the permit – Permit and CBMPP is on the website.
    - b. City of Huntsville Blasting Permit is required – the conditions are listed within the City of Huntsville Zoning Ordinance and can be obtained through Natural Resources. Any questions regarding blasting and the noise ordinance can be answered by Robbie Stewart in the Natural Resources Department.
  6. Utility Project Notification
    - a. Conflicts with existing utilities – The majority of the project is clear of utilities, however there is existing Water, Gas, Electric and Communications from Donegal Drive to Avalon Drive and again from Old Big Cove Road to the east end of project along Sutton Road.
    - b. It is the responsibility of the contractor to locate and coordinate with existing Utilities.
  7. Right-of-Way
    - a. Status of ROW or easement acquisition- All ROW and Easements have been acquired.
  8. Conflicting Projects – Huntsville Utilities will have a Pump Station, which is under construction within the project limits and will require intermittent access.
  9. Schedule of Work
    - a. Critical Path - critical path schedule is required with every pay request. The schedule will need to be updated weekly due to the project scope and the incentive/disincentive clause.
    - b. Weekly progress meetings will be required on site.

- c. Contractor schedule will need to be submitted and approved prior to the first pay request.
- d. Owner reserves the right to withhold payment if the work is more than 25% behind schedule.

10. Project Details (Plans, Specs, Special Provisions, Quantities, Dates)

- a. Review plan sheets
- b. Review Special Provisions and Specifications.
- c. Reference State or City Standard Specifications ALDOT Unique Pay items used for identification and performance standards.
- d. Enforce ADA Standards for ROW construction.
- e. Contractor is responsible for repair and maintenance of any trench cuts open to traffic with hot mix asphalt the same day.
- f. Schedule for review of shop drawings/material submittals. Submittals will include, Mix designs, Asphalt, Concrete, Signalization Items, Retaining wall finish and color and Form Liner Pattern.
- g. State of Alabama License Classification required – (HS) Highways & Streets or (MU) Municipal & Utility.

Introduction and explanation of any revisions to Supplement to General Requirements – specifically detail the following:

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, 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.



- h. A construction trailer is required to be an ALDOT Type II trailer with temporary utilities.
- i. Calendar days to complete project – five hundred forty (540).  
Incentive/Disincentive period is 12 months completion of Phase 1 - \$2,000,000 Incentive maximum for early completion is up to 10 months - \$2,000,000 Disincentive for 14 months.  
Option 1 Signals – 20 Additional calendar days if awarded  
Option 2 Water Main - 60 additional calendar days if awarded  
Option 3 Fiber Duct Bank - 30 additional calendar days if awarded  
For a total of 660 calendar days (Base Bid + Options 1,2,3)  
Council Approval – December 6, 2018
- j. Anticipated Notice-to-Proceed – anticipated January 2, 2019

#### 11. Bid Sheet (Quantities)

Contractor is required to submit pricing (Attachment "A") on a CD-RW (preferably in a live/flash drive format) in the Excel format made available for download from the Engineering website. 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. Bid must be submitted from the file (Quantities) provided and downloaded from the City of Huntsville's website. Failure to do so shall be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the CD in any manner. If a price discrepancy is found on the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copy, then printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail.

- Embankment will not be measured for payment. Excavation will be paid as one (1) movement regardless of how many times it is handled.
- Clearing and Grubbing will include the removal of all vegetation and items that conflict with the proposed improvements – Payment will be Lump Sum and paid on the percentage completed for partial payments with no cap included.
- Unclassified Excavation is for the excavation required for the area to receive fill for the widening of Sutton Road to include stripping and stockpiling of topsoil. This will be measured from the cross sections plans from Old Big Cove Road eastward. Undercut will be field measured and paid as additional quantity of Unclassified Excavation.
- Unclassified Excavation Rock will be excavation from west project limits east to Old Big Cove Road and measured for payment by field cross sections - before excavation (following clearing and grubbing) and after excavation. No measurement will be made for excavation outside of the proposed cross section or below the subgrade without instruction from the Engineer. Corrections will be

made in the field if the material is not exactly what was anticipated. OMI, Inc. has a contingency slope diagram in the soils report that will help in how to handle these situations.

- Borrow Excavation will be furnished and installed by the contractor in accordance with the specifications and will be measured for payment per CY Triaxle Load = 14 CYS. This item is a contingency item for the Sutton Road widening. The intent is to take the rock excavation from the mountain and use it to fill the low area for the Sutton Road widening.
- Geometric Control is for control, layout and field surveying associated with the roadway only. Payment will be Lump Sum and paid on a percentage per completion for partial payments.
- Roadbed Processing is set up as a contingency item and will be measured for payment by station. Item six (6) in the quantities shows a quantity of 1,300 stations but will be revised in addendum to reflect a quantity of 23 stations.
- Roadbed Stabilization Material will be measured for payment by the ton.
- Dense Graded Base pay items will be measured for payment by square yard (SY).
- All asphalt will be measured by the square yard (SY) except for leveling which will be measured by the ton.
- Culvert will be complete in place measured longitudinally along the center of the culvert.
- Retaining Wall will be complete in place measured by area of square feet (SF) of the wall above the footing.
- Decorative Handrail complete in place measured per linear foot (LF).
- Retaining Wall Form Liner will be measured for payment by area square feet (SF) of wall above the footing.
- All Storm Pipe will be measured for payment as complete in place. It will be measured longitudinally along the center of the pipe to include all excavation and backfill. Pay items for both rock (West of Old Big Cove Road) and dirt excavation conditions (Old Big Cove Road and East). Storm pipe under the roadway and within five (5) feet of the curb will require stone backfill and is incidental to the pipe.
- Mobilization - payment will be Lump Sum (LS) and paid on percentage complete for partial payments (See Schedule).

- Slope Paving - will be measured for payment by the square yard (SY) complete in place along and parallel to the surface. Turndowns / thickened edges will be incidental to the total square yard (SY) of accepted work.
- Junction Boxes and all types of Storm Inlets will be measured for payment complete in place per each – no measurement for re-steel, concrete units and castings will be made. There is no additional payment for depth.
- Temporary Traffic Control Devices will be measured for payment to include: The Contractor furnishing, maintaining, adjusting and retaining these items.

### **Supplemental Pay Item Information and Clarification**

**Clearing and Grubbing** - Lump Sum to include removal of all items conflicting with the proposed improvements. Payment for Clearing and Grubbing will be based on % of work completed.

**Mobilization (Base Bid Only)**– Lump Sum (LS) to include all permitting such as the NPDES Permit and Blasting Permit Etc.

Payment Schedule: Mobilization will be paid as follows:

Bid Amount for Mobilization Less than or equal to 15%

First Estimate - 20%

After First Estimate and 10% of work completed - 30%

After Completed 50% OF WORK – Remaining 50% less retainage

Bid Amount for Mobilization Greater than 15%

First Estimate - 5%

After First Estimate and 10% of work completed - 20%

After Completed 50% OF WORK – 25%

Balance of Remainder paid in increments to match the completion of work – less previous payments and minus retainage

The City of Huntsville will be responsible for performing the Material Testing (Roadway Only).

Special consideration should be given to the blasting specification found within the soils report for this project and the City of Huntsville's Blasting Ordinance.

City to provide NPDES Permit, but Contractor will be responsible for transferring, maintaining and closing out the ADEM NPDES Permit for priority site.

The City of Huntsville will provide CBMPP (Posted on Website).

If the contractor elects to use the City provided Spoil Site on the South Side of Cecil Ashburn on the Land Trust Property, it must be cleared, erosion control measures installed and rock fill must be placed in general conformance with the Spoil Site Grading Plan (Posted on Website) and Geotechnical Engineer recommendations. The finished site will be required to be relatively level while allowing proper drainage and be usable for vehicular parking. The top twelve (12) inches of the final surface will be free of boulders and will consist of graded crushed aggregate suitable for parking purposes. The cost for these improvements are incidental to the use of the site. This site is optional and if the contractor chooses to haul excess material off site, it will be the contractor's responsibility to make provisions for lawful disposal.

All cuts to existing pavements will be made by saw-cutting. No open cuts will be allowed to begin until there is ample time to complete the work and have the roadway open in time for through traffic. (Does not pertain to Phase 1)

City of Huntsville Noise Ordinance – City of Huntsville Blasting Ordinance, City of Huntsville Blasting Permit.

There will be no digital as-built requirements for the roadway (Hand drawn redlines only).

Unclassified Excavation (Rock) will be cross sectioned for payment based on fifty (50) feet of centerline stations and major terrain breaks as determined by the engineer. Unauthorized undercut and over-break will not be measured for payment. The limits for measurement and payment for excavation will include the design subgrade and the approved finish slopes, unless undercutting or additional excavation is directed by the engineer. The final approved cross section will be compared to the original field surveyed cross section for the calculation of cross sectional area. The average end area method will be used to calculate the volume of excavation measured for payment. The City of Huntsville will provide cross section survey for all Unclassified Excavation Rock materials.

All concrete slope paving will consist of six (6) inch thick fiber reinforced 3,000 psi concrete and will be measured for payment based on square yards (SY). Payment will be for complete in place construction to include but not limited to all concrete, fiber, four (4) inch crushed stone leveling course, joints of all types forming finishing, thickened edges, turndowns, gores as well as protecting the final product. Leveling course and unclassified excavation is to be used to ensure uniform concrete thickness of six (6) inches is incidental to the slope paving pay item.

The engineer reserves the right to field adjust drainage swells and ditches as needed to best facilitate the project.

Temporary haul road construction, maintenance and restoration to preconstruction contours is considered incidental to unclassified excavation rock pay item.



## 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. 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 CD. The hard copy will be printed from the CD. The OWNER will provide the CD to the contractor. Two originals and two copies of the invoices are required before payment will be made. The CD should be submitted each month, along with the originals and copies, to the Administrative Officer, ATTN: Odessa Sales-Robinson, 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.

- a. Date for payment submittal monthly
  - i. Process for monthly quantities
  - ii. Weekly Progress Meetings required at a minimum.
  - iii. Red-line As-built (Hand Drawn) required to be maintained by the Contractor and reviewed monthly prior to invoices being submitted.
  - iv. Define Substantial Completion – Project in usable condition for intended purpose – All Lanes Open to traffic, all permanent safety and directional devices in place, Punch list for signal complete, temporary striped, grass areas seeded/sodded – If Weather prohibits placement of wearing surface then Contract Time will be Suspended and then resumed during Paving of the Wearing surface.
  - v. Liquidated Damages will be \$3,000 per Calendar Day
  - vi. One-year warranty period begins upon substantial complete.

13. Traffic Control – Contractor is responsible for installation and maintenance of all Traffic Control Devices in accordance with MUTCD, latest edition.

## 14. Subcontractors

Any subcontractors 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 "D" – "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. Special Documentation based up Funding Requirements (i.e. Labor Payroll, etc.) 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.

#### 16. Questions?

- Q: Chris asked how the project will be impacted if the contractor elects to not complete the water option.  
A: Alan stated he will clarify this with Glen Partlow with the Huntsville Utilities.
- Q: Chris asked if borrow bedding material under the pipe is acceptable.  
A: Glen Hartlow from Huntsville Utilities stated it will have to be completed per Huntsville Utilities standard details.
- Q: Chris asked if the project was funded by 50% percent ALDOT funds and 50% percent City of Huntsville funds.  
A: Alan stated this project was 100% City of Huntsville funds.
- Q: Jamie asked if the project was all in the City of Huntsville.  
A: Alan stated that the west side of the project from the approximate location of the top of the mountain is within the City and the east side is a combination of the City and Madison County
- Q: Mark asked about the fiber that is currently being installed and if it would be a conflict.  
A: Alan stated that he would clarify this in the addendum.
- Q: Chris asked if Huntsville Utilities installs the water line what condition will it be left for the contractor.  
A: Glen stated that more than likely if the option is not Huntsville Utilities will not do the work, but will have to be further discussed.
- Q: Jamie asked if once the temporary signals taken down would belong to the City of Huntsville.  
A: Alan stated yes.
- Q: Jamie asked if permanent signals are received prior to the end of the project would the contractor be responsible to maintain them through the duration of the

project.

A: Alan stated that the project will not be accepted until the final punch list is completed.

Q: Jamie asked if the current poles are mast armed.

A: Nicholas with Traffic Engineering stated yes.

Q: Jamie asked if the existing signal poles would be reused for both intersections.

A: Alan stated no. Alan stated that the existing signal poles would be used for the temporary signals combined with messenger cable with the existing signal adjusted to the location of the temporary traffic lanes .

Q: Question asked if the current standards being used for Behr Communications will be used on this projects.

A: Glen stated he would have to clarify that.

Q: Question asked if conduit handles? will be replaced.

A: Glen stated yes.

Q: Jamie asked if there is anything wrong with the lighting poles to be relocated will the City of Huntsville provide the parts to fix it.

A: Alan stated if they cannot be reused the City of Huntsville will provide the parts.

Q: Jamie asked if the City of Huntsville will have a place where the poles can be stored.

A: Alan stated the contractor can put them in the Big Cove area, but will need to be coordinated with the general.

Q: Mark asked if all right-of-ways have been acquired.

A: Alan stated yes.

Q: Josh asked if there is a specification for the rock that needs to be shot.

A: Alan stated yes.

Q: Josh asked what the size it is.

A: John stated it was 24 or 30 inch.

Q: Josh asked if precast for boxes and culverts were acceptable.

A: Kathy stated yes.

Q: Jamie asked if there would be any delays in getting submittals.

A: Alan stated once received it would be returned within a week.

Q: Josh asked what the meaning of the mobilization (road only) item is.

A: Alan stated you would not want to include your Option Mobilization costs in the Base Bid Mobilization item in the event the options are not awarded

Q: Question was asked if there was a pay item for mobilization in the Options.

A: Alan stated yes.

Q: Question was asked if the rock is overshot would the replacement fill be paid.

A: Alan stated if it is over blasted and a fault of the contractor it will not be paid.

Q: Question asked if there is a requirement to excavate 1 foot below the dense graded base and backfill with dirt to the subgrade in cut locations.

A: Alan stated not for this project.

Q: Question asked if the (2) 5 inch lifts was 10,000 per 10 inches for 70,000 (SY).

A: Alan stated it was a 70,000 (SY) per 10 inch layer that consists of (2) 5 inch lifts.

Q: Jamie asked if the specification for the fiber conduit was posted on the website.

A: Alan stated he would get the requirements posted.

Q: Mark asked if the noise ordinance would be enforced within the city limits or for the whole project.

A: Alan stated the noise ordinance only pertains to the City of Huntsville.

Q: Mark asked where the City limits ends.

A: Alan stated it was somewhere on the back side of the mountain, but he Would find out.

Q: Chris asked if there would be a problem with the trees being burned outside of the City limits.

A: Robbie stated that the contractor could not take trees that are in the City limits into the County to burn them.

Q: Question asked if the contractor would have to get the spoil area permitted.

A: Alan stated it was already permitted.

Q: Question asked if it would be the contractor's responsibility to get rid of the excess material after bringing it up to grade.

A: Alan stated yes.

Q: Chris asked if the area could be made larger.

A: Alan stated that area was based on the available property the Land Trusts had without getting on their trails. Alan stated he is not saying it cannot be done, but would have to talk with the Land Trust.

Q: Josh asked if the City has a place for a job trailer.

A: Alan stated no unless it can be put on site. Alan stated it would be up to the contractor to put it on site near the project.



Q: Question asked what the requirement is for the Spoil area once all the rock is in place.

A: Alan stated the requirements is a semi level site that will drain in order to park cars which will be a layer of dense graded base on top of the stone.

Q: Josh asked if there was quantities included for the dense graded base.

A: Alan stated no it was incidental to the site.

Q: Question asked if the contractor was responsible for erosion control.

A: Alan stated that would be clarified.

Q: Question asked if the cross sections would be surveyed after the clearing and grubbing.

A: Alan stated yes.

Q: Question asked if the contractor will be responsible for damages to the existing road.

A: Alan stated it is the contractor's responsibility to maintain the roadway.

Q: Question was asked if the relocation of the eight (8) lights was included in the base bid.

A: Alan stated yes.

Q: Question asked if Huntsville Utilities was going to have a pump station.

A: Glen stated yes. Glen stated it was on the back side of the mountain almost to Old Big Cove Road.

Q: Tim asked if all lanes or just two lanes are to have binder.

A: Alan stated just the two lanes that are to be opened for traffic.

Q: Question asked if there was a 5 ton weight limit.

A: Alan stated not for construction.

Q: Josh asked if the binder needs to be permanent striped.

A: Alan stated yes.

Q: Question asked if it would be the contractor's responsibility to haul off any excess waste.

A: Alan stated yes. Alan stated he would get a quantity on the spoil site.

Q: Josh asked if the specification from the shot rock applies to the waste area.

A: Alan stated no.

Q: Question asked if anything has changed on the blasting since the first set of plans.

A: It was stated that the contractor has to use the same plan that pertains to the City

of Huntsville's blasting specifications. Alan stated the requirement for an independent blast design will be waived that the blasting plan can be provided by the Blasting Contactor through the Prime Contractor.

All questions were answered and all clarifications made by addendum. **All addenda are sent via email to those bidders who attend and have signed in at the pre-bid meeting. Although a response to the email is optional, it is mandatory that the bidders acknowledge the receipt of each addendum, whether received via email or by downloading from the Engineering Department's website, on Attachment "C" included in the Specifications.** Acknowledgement of receipt of addenda is **mandatory** using Attachment "C" and must be submitted with bid package. Failure to do so shall be cause for rejection of the bid.

Last day for questions concerning this project before the bid will be **Tuesday, November 6, 2018, until 5:00 p.m.** via fax (256) 427-5325 or email to: [marv.ridgeway@huntsvilleal.gov](mailto:marv.ridgeway@huntsvilleal.gov).

Response to contractor questions will be **Thursday, November 8, 2018 until 5:00 p.m.**

**Bids open: Tuesday, November 13, 2018 at 10:00 a.m.** in the **1st Floor Conference Room**, 320 Fountain Circle, Huntsville, AL. All bids must be **SEALED** before submittal at the bid opening. Any bids received that are not sealed will be immediately rejected.

The pre-bid notes and all addenda shall become a part of the contract documents.

Meeting Adjourned.



# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**November 8, 2018**

### **Addendum #2**

**Bid Opening has been POSTPONED until Monday, November 26, 2018, at 10:00 a.m. CST in the 1<sup>st</sup> Floor Conference Room, Public Services Building, 320 Fountain Circle, Huntsville, AL 35801.**

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

Replace bid quantities with "replacement", **Attachment "A1"**. Please use the revised attachment to submit bid pricing; **all bids must be submitted using Attachment "A1"**. Contractors are authorized to download revised quantities from website and paste to a CD-RW (preferably in a live/flash drive format) which must be submitted with the original bid packet. In addition, two hard copies must be signed and submitted with original bid packet. Bid must be submitted from the file (Quantities) provided and downloaded from the City of Huntsville's website. Failure to do so may be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the bid CD in any manner. 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 the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copy, then 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.

#### **QUANTITY REVISIONS**

##### **Delete**

**6      ROADBED PROCESSING (~~Sutton Road If Needed~~)      1,300    STA**

**The Star of Alabama**

**Add**

**6 ROADBED PROCESSING (Sutton Road if Needed) 23 STA**

**Delete**

**~~141 STREET LIGHT RELOCATION TO INCLUDE POLE & FIXTURE COMPLETE IN PLACE~~  
~~8 EA~~**

**Add**

**141 INSTALL CITY OF HUNTSVILLE FURNISHED STREET LIGHT FIXTURE AND POLE 8  
EA**

**Add**

**1-18 MOBILIZATION/DEMOBILIZATION 1 LS**

**CLARIFICATIONS**

- Add concrete collar detail to Sheet 1B – Standard Drawing Index (Index No. 401, Special Drawing No. CC-530, Details of Concrete Collar for Connecting Concrete Pipe of Different Shell Thickness or Connecting Concrete to Corrugated Metal Pipe). Note the amount of concrete for the concrete collar will be paid for by the dimensions shown on the detail. No payment will be made for excess concrete above the required size or required resteel (incidental to Concrete)
- Josh asked if there is a specification for the rock that needs to be shot.  
A: Alan stated yes.

Jamie asked if the specification for the fiber conduit was posted on the website.  
A: Alan stated he would get the requirements posted.

3" /SDR-13.5 /Regular /Smooth-Wall/Orange /Orange /No Lube /1,800#  
Poly Tape /Hot Indent /Standard Print/Steel /SR 102x45 Wide /1,200ft reels

**RESPONSE TO CONTRACTOR QUESTIONS:**

- Q: In storm drain trenches in rock cuts, will the material blasted out of the trench be suitable for use as backfill?
- A: As long as it meets the geotechnical requirements but the intention for the material is to be used on site as fill.
- Q: There was a line item for 6 ea water service relocates. I cannot find any reference to them in the utility drawings.
- a. Four (4) are shown on the drawings at 959 Old Big Cove Road and 125, 141, and 155 Sutton Road. Two (2) extra services were included in quantities.



- A) What size are they?
  - a. 1" or less
- B) How long are they?
  - a. Existing range from approximately 75' to 105'.
- C) Do they cross the road?
  - a. Yes
- D) If they cross the road will the roadway have to be patched with asphalt and will it(Patching) be paid for?
  - a. Asphalt patching will be required and will be incidental to the pipe being installed.

Q: Please reference drawing typical section sheets 2A & 2L. The typical sections show In-Place Bituminous Pavement to be removed (approximately 12" thick). How will the removal of this existing bituminous pavement be paid? Pay Items 14 & 15 only refer to planning existing pavement from 1.1" to 2.0" and 2.1" to 3.0" respectively. Please clarify.

A: The 12" of asphalt pavement shown on the typicals can be used as fill as long as it is rubblized in place as incidental cost to clearing and grubbing, otherwise it will be required to be removed as incidental cost to clearing and grubbing along with the existing curb and gutter and sidewalk.

Q: Are roadway pipe end treatments allowed to be precast or are they to be poured in place?  
A: Either is acceptable.

Q: How will the award be made? Base bid? Base bid and option(s)?

A: Lowest Responsible Bidder of the Base Bid or the Base Bid and any combination of the Options as selected by the Owner.

Q: It was stated in the pre-bid that all of the rock would have to be moved prior to the first mile stone being considered as met.

Q: Does this include the rock from the water line & storm drain trenches?

A: No- the only storm line trenches that have to be completed prior to completing Phase 1 will be those in section of roadway between Donegal and Avalon mentioned during the Pre-Bid and the storm lines that are to be installed under the roadway that will be used for the two (2) temporary traffic lanes following the completion of Phase 1.

Q: If all the rock has not been moved to the waste area and is hauled off-site instead of the waste area, will it(milestone #1) still be considered as being met as long as we have one lane of traffic each way?

A: Either spoiled in the waste area provided or hauled off the project is the intention of this requirement.

- Q: Is it the contractor's responsibility to haul off any excess waste and how much volume will the spoil site take?
- A: Yes any excess must be removed from the site at the contractor expense. Quantity on the spoil site as shown on the grading plan reflects approximately 150,000 CY of fill.
- Q: Maximum size rock for fill?
- A: Class A shot rock fill in the geotechnical report is outlined as having a maximum size of 24-in
- Q: Will the requirements for this project be the same as the Huntsville Utilities/Bear Communications requirements?
- A: No. This situation is completely different. This is open cut with manholes.
- Q: Is the contractor responsible for erosion control?
- A: Erosion control items will be considered incidental to the use of the spoil site (if the contractor elects to use the spoil site) just like the base stone layer and finish grading.

**Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. All addenda, as well as other project information, are available for downloading on Engineering's website at [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). Acknowledgement of receipt/download from website of addenda is mandatory using Attachment "C" located in the Specifications and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates. The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.**

**Attachments: Revised Quantities-Attachment A1  
Attachment L - Incentive Payments and Disincentive Deductions  
Conduit Specifications  
Constant Slope Face Concrete Barrier (Flexible Pavement) ALDOT Index No. 346**

**END OF ADDENDUM #2**

| ATTACHMENT "A1"                    |                                                                                                        |         |          |                |            | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|----------------|------------|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                        |         |          |                |            |           |
| Project No. 65-14-RD07             |                                                                                                        |         |          |                |            |           |
| BID TABULATION                     |                                                                                                        |         |          |                |            |           |
| ITEM NO.                           | DESCRIPTION                                                                                            | BID QTY | BID UNIT | BID UNIT PRICE | BID AMOUNT |           |
| 1                                  | CLEARING AND GRUBBING (APPROXIMATELY 44 ACRES) (5 ACRES WOODED)                                        | 1       | LS       |                | \$0.00     |           |
| 2                                  | UNCLASSIFIED EXCAVATION (INCLUDES TOPSOIL STRIPPING ALONG SUTTON AND OLD BIG COVE)                     | 6,381   | CY       |                | \$0.00     |           |
| 3                                  | UNCLASSIFIED EXCAVATION (ROCK)                                                                         | 200,000 | CY       |                | \$0.00     |           |
| 4                                  | BORROW EXCAVATION (AFTER ONSITE ROCK HAS BEEN PLACED AND AS NEEDED FOR SUTTON ROAD) 14CYS/Triaxle Load | 35,000  | CY       |                | \$0.00     |           |
| 5                                  | GEOMETRIC CONTROL (Roadway Only)                                                                       | 1       | LS       |                | \$0.00     |           |
| 6                                  | ROADBED PROCESSING (Sutton Road if Needed)                                                             | 23      | STA      |                | \$0.00     |           |
| 7                                  | ROADBED STABILIZING MATERIAL, ALDOT #410 (MODIFIED) (Sutton Road if Needed)                            | 9,500   | TON      |                | \$0.00     |           |
| 8                                  | 301A-008 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 10" COMPACTED THICKNESS (Two 5" Lifts)    | 70,000  | SY       |                | \$0.00     |           |
| 9                                  | 301A-012 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                    | 13,500  | SY       |                | \$0.00     |           |
| 10                                 | 305B-078 CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE                                 | 2,000   | TON      |                | \$0.00     |           |
| 11                                 | 401A-000 BITUMINOUS TREATMENT "A"                                                                      | 83,500  | SY       |                | \$0.00     |           |



| ATTACHMENT "A1"                    |                                                                                                                          |         |     | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------|-----|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                          |         |     |           |
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                          |         |     |           |
| Project No. 65-14-RD07             |                                                                                                                          |         |     |           |
| 12                                 | 405A-000 TACK COAT                                                                                                       | 16,500  | GAL | \$0.00    |
| 13                                 | 424B-000 OPEN GRADED FRICTION COURSE TACK COAT                                                                           | 14,000  | GAL | \$0.00    |
| 14                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.1" TO 2.0" THICK)                                                             | 19,000  | SY  | \$0.00    |
| 15                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 2.1" TO 3.0" THICK)                                                             | 55,000  | SY  | \$0.00    |
| 16                                 | 420A-015 POLYMER OPEN GRADED FRICTION COURSE (90 LBS. / SY)                                                              | 85,000  | SY  | \$0.00    |
| 17                                 | 424A-340 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (135 LBS./SY) | 150,000 | SY  | \$0.00    |
| 18                                 | 424A-346 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B     | 1,000   | TON | \$0.00    |
| 19                                 | 424B-636 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (280 LBS./SY)      | 140,000 | SY  | \$0.00    |
| 20                                 | 424B-644 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1 INCH MAX. AGGREGATE, ESAL RANGE A/B               | 2,000   | TON | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                                                                                                      |       |    |  | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                      |       |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                                                      |       |    |  |           |
| BID TABULATION                     |                                                                                                                                                                                      |       |    |  |           |
| 21                                 | SINGLE 8' X 4' STEEL REINFORCED CONCRETE CULVERT COMPLETE IN PLACE TO INCLUDE CONCRETE, RESTEEL, WEEP HOLES, FORMING, DEWATERING AND TIE TO EXISTING CULVERT                         | 55    | LF |  | \$0.00    |
| 22                                 | RETAINING WALL (CAST-IN-PLACE), TO INCLUDE EXCAVATION, STONE BACKFILL, CONCRETE, REINFORCEMENT AND WEEP HOLES, THOROUGH COAT FINISH COMPLETE IN PLACE, PER C.O.H. SPECIFICATION #525 | 3,603 | SF |  | \$0.00    |
| 23                                 | DECORATIVE HANDRAIL FOR RETAINING WALL COMPLETE IN PLACE (SEE DETAIL SHEET 148)                                                                                                      | 305   | LF |  | \$0.00    |
| 24                                 | FORM LINER FOR RETAINING WALL FACE (CUSTOM ROCK FORMLINER OR APPROVED EQUAL)                                                                                                         | 3,603 | SF |  | \$0.00    |
| 25                                 | 18" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 3,196 | LF |  | \$0.00    |
| 26                                 | 18" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                               | 8,591 | LF |  | \$0.00    |
| 27                                 | 24" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 665   | LF |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                                                        |     |    |  | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                        |     |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                        |     |    |  |           |
| BID TABULATION                     |                                                                                                                                                        |     |    |  |           |
| 28                                 | 24" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 452 | LF |  | \$0.00    |
| 29                                 | 30" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 46  | LF |  | \$0.00    |
| 30                                 | 30" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 58  | LF |  | \$0.00    |
| 31                                 | 36" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 670 | LF |  | \$0.00    |
| 32                                 | 36" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 528 | LF |  | \$0.00    |
| 33                                 | 42" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 41  | LF |  | \$0.00    |
| 34                                 | 48" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 40  | LF |  | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                                                                         |     |    |  | 11/8/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                         |     |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                         |     |    |  |           |
| BID TABULATION                     |                                                                                                                                                         |     |    |  |           |
| 35                                 | 60" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 246 | LF |  | \$0.00    |
| 36                                 | 72" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 48  | LF |  | \$0.00    |
| 37                                 | 22"X13" ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527         | 55  | LF |  | \$0.00    |
| 38                                 | 36"X22"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 176 | LF |  | \$0.00    |
| 39                                 | 59"X36"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 322 | LF |  | \$0.00    |
| 40                                 | 15" ROADWAY PIPE (CLASS 3 R.C.) (STACK PIPE), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 9   | LF |  | \$0.00    |
| 41                                 | MOBILIZATION Road Only (SEE SCHEDULE)                                                                                                                   | 1   | LS |  | \$0.00    |
| 42                                 | RIGHT OF WAY MARKERS (PROPERTY PINS)                                                                                                                    | 51  | EA |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                                   |        |     | 11/8/2018 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                   |        |     |           |
| Project No. 65-14-RD07             |                                                                                                                                   |        |     |           |
| BID TABULATION                     |                                                                                                                                   |        |     |           |
| 43                                 | FURNISHING TYPE 2 FIELD OFFICE, To Include (Water, Electric, Sewage, Cleaning) for project duration and site prep and restoration | 1      | EA  | \$0.00    |
| 44                                 | 8" UNDERDRAIN PIPE (AS DIRECTED BY THE ENGINEER)                                                                                  | 10,000 | LF  | \$0.00    |
| 45                                 | ONSITE ROCK PLACED AS LOOSE RIPRAP, CLASS 2                                                                                       | 1,500  | TON | \$0.00    |
| 46                                 | FILTER BLANKET, GEOTEXTILE (NON-WOVEN)                                                                                            | 2,600  | SY  | \$0.00    |
| 47                                 | 6" FIBER REINFORCED CONCRETE SLOPE PAVING TO INCLUDE 4" STONE LEVELING LAYER, FORMING, FINISHING AND PROTECTING)                  | 30,000 | SY  | \$0.00    |
| 48                                 | CONCRETE SIDEWALK, 4" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 4,800  | SY  | \$0.00    |
| 49                                 | CONCRETE DRIVEWAY, 6" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 150    | SY  | \$0.00    |
| 50                                 | 18" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 6      | EA  | \$0.00    |
| 51                                 | 30" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 2      | EA  | \$0.00    |
| 52                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 1      | EA  | \$0.00    |
| 53                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 2      | EA  | \$0.00    |
| 54                                 | 42" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$0.00    |
| 55                                 | 48" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                                                                         |     |    |  | 11/8/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                         |     |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                         |     |    |  |           |
| BID TABULATION                     |                                                                                                                                                         |     |    |  |           |
| 56                                 | 60" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 6   | EA |  | \$0.00    |
| 57                                 | 72" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 1   | EA |  | \$0.00    |
| 58                                 | 18" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)                                                                                                   | 6   | EA |  | \$0.00    |
| 59                                 | 22"X13" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                                             | 4   | EA |  | \$0.00    |
| 60                                 | 36"X22" ROADWAY PIPE END TREATMENT, CLASS 1 (QUADRUPLE LINE)                                                                                            | 1   | LS |  | \$0.00    |
| 61                                 | 4' DIAMETER SANITARY SEWER MANHOLE, STANDARD PRECAST, 4' TO 6' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS              | 1   | EA |  | \$0.00    |
| 62                                 | 4' DIAMETER SANITARY SEWER DROP MANHOLE, STANDARD PRECAST, 10' TO 12' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS       | 1   | LS |  | \$0.00    |
| 63                                 | CONNECTION TO EXISTING SANITARY SEWER MANHOLE, COMPLETE IN-PLACE, (INCLUDES CORING EXISTING MANHOLE) PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS | 2   | EA |  | \$0.00    |
| 64                                 | 8" DIP CLASS 350 GRAVITY SANITARY SEWER PIPE, 8' TO 10' DEEP, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS                      | 100 | LF |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                                                                    |    |    |  | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                    |    |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                                    |    |    |  |           |
| BID TABULATION                     |                                                                                                                                                                    |    |    |  |           |
| 65                                 | 18" DIAMETER .125" THICK CARBON STEEL SANITARY SEWER CASING SLEEVE WITH S.S. SPACERS                                                                               | 50 | LF |  | \$0.00    |
| 66                                 | SANITARY SEWER TESTING (TVI AND VACUUM)                                                                                                                            | 1  | LS |  | \$0.00    |
| 67                                 | JUNCTION BOX, SMALL (15" TO 30" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 6  | EA |  | \$0.00    |
| 68                                 | JUNCTION BOX, LARGE (36" TO 72" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 12 | EA |  | \$0.00    |
| 69                                 | JUNCTION BOX, SPECIAL, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                  | 2  | EA |  | \$0.00    |
| 70                                 | JUNCTION BOX CONVERSION, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                | 3  | EA |  | \$0.00    |
| 71                                 | INLETS, TYPE E, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 63 | EA |  | \$0.00    |
| 72                                 | INLETS, TYPE E1, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 7  | EA |  | \$0.00    |
| 73                                 | INLETS, TYPE C, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 13 | EA |  | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                                                                                     |       |    |  | 11/8/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                     |       |    |  |           |
| Project No. 65-14-RD07             |                                                                                                                                                                     |       |    |  |           |
| BID TABULATION                     |                                                                                                                                                                     |       |    |  |           |
| 74                                 | INLETS, TYPE CD, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA |  | \$0.00    |
| 75                                 | INLETS, TYPE IJ, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA |  | \$0.00    |
| 76                                 | "S" TYPE INLET, SINGLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 29    | EA |  | \$0.00    |
| 77                                 | "S" TYPE INLET, DOUBLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 4     | EA |  | \$0.00    |
| 78                                 | S' TYPE INLET, DOUBLE WING, REPLACE TOP, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 2     | EA |  | \$0.00    |
| 79                                 | OPEN THROAT INLET, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                                        | 6     | EA |  | \$0.00    |
| 80                                 | STILLING BASINS, TYPE 6, COMPLETE IN PLACE                                                                                                                          | 1     | LS |  | \$0.00    |
| 81                                 | CONCRETE GUTTER (MODIFIED)                                                                                                                                          | 140   | LF |  | \$0.00    |
| 82                                 | 24" COMBINATION CURB & GUTTER, TYPE C (MODIFIED)                                                                                                                    | 6,730 | LF |  | \$0.00    |
| 83                                 | CONCRETE MEDIAN OR SAFETY BARRIER, TYPE CSF 42                                                                                                                      | 3,204 | LF |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                              |        |      |  | 11/8/2018 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------|------|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                              |        |      |  |           |
| Project No. 65-14-RD07             |                                                                                                                              |        |      |  |           |
| BID TABULATION                     |                                                                                                                              |        |      |  |           |
| 84                                 | CONCRETE MEDIAN OR SAFETY BARRIER END SECTION (TYPE TES) COMPLETE IN PLACE TO INCLUDE FOOTINGS FOUNDATIONS AND APPURTENANCES | 2      | EA   |  | \$0.00    |
| 85                                 | STEEL BEAM GUARDRAIL, CLASS A, TYPE 1                                                                                        | 15,000 | LF   |  | \$0.00    |
| 86                                 | GUARDRAIL END ANCHOR, TYPE 10 SERIES                                                                                         | 3      | EA   |  | \$0.00    |
| 87                                 | GUARDRAIL END ANCHOR, TYPE 8 SERIES                                                                                          | 13     | EA   |  | \$0.00    |
| 88                                 | GUARDRAIL END ANCHOR, TYPE 20 SERIES                                                                                         | 11     | EA   |  | \$0.00    |
| 89                                 | TOPSOIL Contractor Provided (measured in loose triaxle loads 14 CY)                                                          | 5,000  | CY   |  | \$0.00    |
| 90                                 | SEEDING (ALDOT YEAR ROUND MIX)                                                                                               | 8      | ACRE |  | \$0.00    |
| 91                                 | MOWING                                                                                                                       | 40     | ACRE |  | \$0.00    |
| 92                                 | SOLID SODDING (ALL Types)                                                                                                    | 15,000 | SY   |  | \$0.00    |
| 93                                 | MULCHING                                                                                                                     | 16     | ACRE |  | \$0.00    |
| 94                                 | HYDRO-SEEDING & MULCHING (MIX 1E)                                                                                            | 5,000  | SY   |  | \$0.00    |
| 95                                 | HAY BALES                                                                                                                    | 100    | EA   |  | \$0.00    |
| 96                                 | SAND BAGS                                                                                                                    | 1,000  | EA   |  | \$0.00    |
| 97                                 | EROSION CONTROL CHECK DAMS, TYPE II, INSTALL, MAINTAIN AND REMOVE                                                            | 13     | EA   |  | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                       |        |      |  | 11/8/2018 |
|------------------------------------|-------------------------------------------------------------------------------------------------------|--------|------|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                       |        |      |  |           |
| Project No. 65-14-RD07             |                                                                                                       |        |      |  |           |
| BID TABULATION                     |                                                                                                       |        |      |  |           |
| 98                                 | TEMPORARY EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT S150 OR APPROVED EQUAL | 1,000  | SY   |  | \$0.00    |
| 99                                 | PERMANENT EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT C350 OR APPROVED EQUAL | 2,000  | SY   |  | \$0.00    |
| 100                                | TEMPORARY RIPRAP CLASS 2                                                                              | 100    | TON  |  | \$0.00    |
| 101                                | SILT FENCE, TYPE A                                                                                    | 17,500 | LF   |  | \$0.00    |
| 102                                | SILT FENCE REMOVAL                                                                                    | 17,500 | LF   |  | \$0.00    |
| 103                                | INLET PROTECTION, STAGE 3 OR 4                                                                        | 147    | EA   |  | \$0.00    |
| 104                                | 20 INCH WATTLE                                                                                        | 2,353  | LF   |  | \$0.00    |
| 105                                | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                 | 6      | MILE |  | \$0.00    |
| 106                                | BROKEN WHITE, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                               | 7      | MILE |  | \$0.00    |
| 107                                | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                | 7      | MILE |  | \$0.00    |
| 108                                | BROKEN YELLOW, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                              | 1      | MILE |  | \$0.00    |
| 109                                | DOTTED CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                                      | 1,200  | LF   |  | \$0.00    |
| 110                                | BROKEN TEMPORARY TRAFFIC STRIPE                                                                       | 5      | MILE |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                                            |        |      | 11/8/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------|------|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                            |        |      |           |
| Project No. 65-14-RD07             |                                                                                                                                            |        |      |           |
| BID TABULATION                     |                                                                                                                                            |        |      |           |
| 111                                | SOLID TEMPORARY TRAFFIC STRIPE                                                                                                             | 25     | MILE | \$0.00    |
| 112                                | SOLID TRAFFIC STRIPE REMOVED                                                                                                               | 41,700 | LF   | \$0.00    |
| 113                                | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A                                                                                                  | 3,000  | SF   | \$0.00    |
| 114                                | TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A                                                                                                   | 210    | SF   | \$0.00    |
| 115                                | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS AND LEGENDS                                                                                   | 3,000  | SF   | \$0.00    |
| 116                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C                                                                                                      | 500    | EA   | \$0.00    |
| 117                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-A                                                                                                      | 350    | EA   | \$0.00    |
| 118                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-B                                                                                                      | 350    | EA   | \$0.00    |
| 119                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D                                                                                                      | 140    | EA   | \$0.00    |
| 120                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E                                                                                                      | 100    | EA   | \$0.00    |
| 121                                | 705A-023 PAVEMENT MARKERS, CLASS C, TYPE 2-D                                                                                               | 1,000  | EA   | \$0.00    |
| 122                                | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.080" THICK OR STEEL FLAT SIGN PANELS 14 GAUGE (HIP SHEETING) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS | 200    | SF   | \$0.00    |
| 123                                | ROADWAY SIGN POST (#3 / FT "U" CHANNEL GALVANIZED STEEL) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS                                          | 450    | LF   | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                                                               |        |      |  | 11/8/2018 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|------|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                               |        |      |  |           |
| Project No. 65-14-RD07             |                                                                                                                               |        |      |  |           |
| BID TABULATION                     |                                                                                                                               |        |      |  |           |
| 124                                | VEHICULAR IMPACT ATTENUATOR ASSEMBLY TL-3 - COMPLETE IN PLACE TO INCLUDE FOUNDATIONS AND FOOTINGS AND ALL INCIDENTALS         | 2      | EA   |  | \$0.00    |
| 125                                | PORTABLE CONCRETE SAFETY BARRIERS, TYPE 6 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                          | 10,000 | LF   |  | \$0.00    |
| 126                                | PORTABLE IMPACT ATTENUATOR (IF NEEDED CONTRACTOR RETAINED)                                                                    | 4      | EACH |  | \$0.00    |
| 127                                | CONSTRUCTION SIGNS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,000  | SF   |  | \$0.00    |
| 128                                | CHANNELIZING DRUMS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,500  | EA   |  | \$0.00    |
| 129                                | BARRICADES, TYPE III                                                                                                          | 50     | EA   |  | \$0.00    |
| 130                                | WARNING LIGHTS, TYPE B (DETACHABLE)                                                                                           | 50     | EA   |  | \$0.00    |
| 131                                | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                    | 6      | EA   |  | \$0.00    |
| 132                                | PORTABLE CHANGEABLE MESSAGE SIGN, ALDOT TYPE 2 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                     | 10     | EA   |  | \$0.00    |
| 133                                | SHOTCRETE, 6 INCHES THICK WITH WELDED WIRE REINFORCING AND ANCHORS (CONTRACTOR TO PROVIDE DESIGN STAMPED BY ALABAMA ENGINEER) | 12,000 | SF   |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                                                                                                                                                                                                                                                                                                                                                                |       |      | 11/8/2018 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |           |
| Project No. 65-14-RD07             |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |           |
| BID TABULATION                     |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |           |
| 134                                | MINOR STRUCTURE CONCRETE, COMPLETE IN-PLACE (AS DIRECTED BY THE ENGINEER FOR STEEL REINFORCED CONCRETE PIPE COLLARS) RESTEEL INCIDENTAL TO CONCRETE                                                                                                                                                                                                                                            | 200   | CY   | \$0.00    |
| 135                                | SCORING BITUMINOUS PAVEMENT BY CUTTING                                                                                                                                                                                                                                                                                                                                                         | 12    | MILE | \$0.00    |
| 136                                | TEMPORARY TRAFFIC SIGNALS AT DONEGAL AND OLD BIG COVE INTERSECTIONS TO INCLUDE: INSTALLATION, MAINTENANCE, ADJUSTMENT AND REMOVAL - COMPLETE IN PLACE. LUMP SUM PAYMENT FOR PROVIDING TEMPORARY SIGNALIZATION FOR 2 LANES OF TRAFFIC (1 EASTBOUND LANE AND 1 WESTBOUND LANE) BEGINNING AT THE COMPLETION OF PHASE 1 AND ENDING AFTER THE PERMANENT SIGNALS ARE ACCEPTED BY TRAFFIC ENGINEERING | 1     | LS   | \$0.00    |
| 137                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Donegal)                                                                                                                                                                                                                                                                                                                           | 1     | LS   | \$0.00    |
| 138                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Old Big Cove)                                                                                                                                                                                                                                                                                                                      | 1     | LS   | \$0.00    |
| 139                                | CONDUIT, PVC, SCHEDULE 40, 2 INCH STREET LIGHTS (ALL ROADWAY CROSSINGS REQUIRE STONE BACKFILL INCIDENTAL TO CONDUIT)                                                                                                                                                                                                                                                                           | 1,500 | LF   | \$0.00    |
| 140                                | 4" HDPE ELECTRICAL CONDUIT, 1 LINE, DIRECTIONAL BORE                                                                                                                                                                                                                                                                                                                                           | 100   | LF   | \$0.00    |



| ATTACHMENT "A1"                    |                                                                                        |       |    |  | 11/8/2018 |
|------------------------------------|----------------------------------------------------------------------------------------|-------|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                        |       |    |  |           |
| Project No. 65-14-RD07             |                                                                                        |       |    |  |           |
| BID TABULATION                     |                                                                                        |       |    |  |           |
| 141                                | INSTALL CITY OF HUNTSVILLE FURNISHED STREET LIGHT<br>FIXTURE AND POLE                  | 8     | EA |  | \$0.00    |
| 142                                | STREET LIGHT PEDESTALS (QUAZITE TIER 15 OR APPROVED<br>EQUAL)                          | 8     | EA |  | \$0.00    |
| 143                                | LIGHT POLE BASES, REINFORCED CONCRETE (HUNTSVILLE<br>UTILITIES STANDARD 3' DIA. X 10') | 8     | EA |  | \$0.00    |
| 144                                | #2 TRIPLEX 600V CONDUCTOR STREET LIGHT                                                 | 1,000 | LF |  | \$0.00    |
| TOTAL BASE BID                     |                                                                                        |       |    |  | \$0.00    |
| Option No. 1 TRAFFIC SIGNALS       |                                                                                        |       |    |  |           |
| 1-1                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT<br>(DONEGAL DRIVE SE)                   | 1     | LS |  | \$0.00    |
| 1-2                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (OLD<br>BIG COVE ROAD)                  | 1     | LS |  | \$0.00    |
| 1-3                                | RADAR DETECTION SYSTEM (DONEGAL DRIVE SE)                                              | 1     | LS |  | \$0.00    |
| 1-4                                | RADAR DETECTION SYSTEM (OLD BIG COVE ROAD SE)                                          | 1     | LS |  | \$0.00    |
| 1-5                                | METAL TRAFFIC SIGNAL POLE FOUNDATION                                                   | 4     | EA |  | \$0.00    |

| ATTACHMENT "A1"                    |                                                         |       |    | 11/8/2018 |
|------------------------------------|---------------------------------------------------------|-------|----|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                         |       |    |           |
| Project No. 65-14-RD07             |                                                         |       |    |           |
| BID TABULATION                     |                                                         |       |    |           |
| 1-6                                | METAL TRAFFIC SIGNAL POLE WITH 60' MAST ARM ASSEMBLY    | 4     | EA | \$0.00    |
| 1-7                                | METAL TRAFFIC SIGNAL STRAIN POLE PEDESTAL               | 2     | EA | \$0.00    |
| 1-8                                | TRAFFIC SIGNAL JUNCTION BOX                             | 8     | EA | \$0.00    |
| 1-9                                | 1", NON-METALLIC, CONDUIT                               | 200   | LF | \$0.00    |
| 1-10                               | 2", NON-METALLIC, CONDUIT                               | 1,030 | LF | \$0.00    |
| 1-11                               | 3", NON-METALLIC, CONDUIT                               | 490   | LF | \$0.00    |
| 1-12                               | LUMINAIRE EXTENSION ASSEMBLY                            | 5     | EA | \$0.00    |
| 1-13                               | VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED     | 8     | EA | \$0.00    |
| 1-14                               | VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED     | 5     | EA | \$0.00    |
| 1-15                               | PEDESTRIAN SIGNAL HEAD, TYPE LED                        | 6     | EA | \$0.00    |
| 1-16                               | CONTROLLER ASSEMBLY, TYPE III, 8 PHASE                  | 1     | EA | \$0.00    |
| 1-17                               | 8 INCH ELECTRICAL CONDUIT, 3 LINES, TYPE 5 INSTALLATION | 360   | LF | \$0.00    |
| 1-18                               | MOBILIZATION                                            | 1     | LS | \$0.00    |
| TOTAL Option No. 1                 |                                                         |       |    | \$0.00    |

| ATTACHMENT "A1"                                            |                                                     |        |    | 11/8/2018 |
|------------------------------------------------------------|-----------------------------------------------------|--------|----|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID                         |                                                     |        |    |           |
| Project No. 65-14-RD07                                     |                                                     |        |    |           |
| BID TABULATION                                             |                                                     |        |    |           |
| Option No. 2 HUNTSVILLE UTILITIES 16" WATER MAIN EXTENSION |                                                     |        |    |           |
| 2-1                                                        | MOBILIZATION/DEMObILIZATION                         | 1      | LS | \$0.00    |
| 2-2                                                        | GEOMETRIC CONTROLS                                  | 1      | LS | \$0.00    |
| 2-3                                                        | 12" RJ DUCTILE IRON PIPE, CL350 (INSTALLATION ONLY) | 1,020  | FT | \$0.00    |
| 2-4                                                        | PIPE, PVC, 4 (INSTALLATION ONLY)                    | 20     | FT | \$0.00    |
| 2-5                                                        | PIPE, TYT, DI, 6, CL350 (INSTALLATION ONLY)         | 147    | FT | \$0.00    |
| 2-6                                                        | PIPE, TYT, DI, 10, CL350 (INSTALLATION ONLY)        | 33     | FT | \$0.00    |
| 2-7                                                        | PIPE, TYT, DI, 12, CL350 (INSTALLATION ONLY)        | 14,183 | FT | \$0.00    |
| 2-8                                                        | PIPE, TYT, DI, 18, CL350 (INSTALLATION ONLY)        | 1,323  | FT | \$0.00    |
| 2-9                                                        | VALVE, GATE, MJ, 6 (INSTALLATION ONLY)              | 5      | EA | \$0.00    |
| 2-10                                                       | VALVE, GATE, MJ, 12 (INSTALLATION ONLY)             | 12     | EA | \$0.00    |
| 2-11                                                       | VALVE, RELIEF, AIR, 1 (INSTALLATION ONLY)           | 1      | EA | \$0.00    |
| 2-12                                                       | VALVE, RELIEF, AIR&VAC, 2 (INSTALLATION ONLY)       | 1      | EA | \$0.00    |
| 2-13                                                       | 12" CHECK VALVE ASSEMBLY (INSTALLATION ONLY)        | 1      | EA | \$0.00    |
| 2-14                                                       | VALVE, BUTTERFLY, MJ, 18 (INSTALLATION ONLY)        | 2      | EA | \$0.00    |



| ATTACHMENT "A1"                               |                                               |   |    |  | 11/8/2018 |
|-----------------------------------------------|-----------------------------------------------|---|----|--|-----------|
| CECIL ASHBURN DRIVE WIDENING-REBID            |                                               |   |    |  |           |
| Project No. 65-14-RD07                        |                                               |   |    |  |           |
| BID TABULATION                                |                                               |   |    |  |           |
| 2-15                                          | 10" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00    |
| 2-16                                          | 18" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00    |
| 2-17                                          | REDUCER, MJ, DI, 18 x 12 (INSTALLATION ONLY)  | 1 | EA |  | \$0.00    |
| 2-18                                          | ELL, 90, MJ, 18 (INSTALLATION ONLY)           | 1 | EA |  | \$0.00    |
| 2-19                                          | TEE, MJ, DI, 18x12 (INSTALLATION ONLY)        | 2 | EA |  | \$0.00    |
| 2-20                                          | TEE, MJ, DI, 18x6 (INSTALLATION ONLY)         | 2 | EA |  | \$0.00    |
| 2-21                                          | PLUG, MJ, DI, 18" (INSTALLATION ONLY)         | 1 | EA |  | \$0.00    |
| 2-22                                          | FIRE HYDRANT ASSEMBLY (INSTALLATION ONLY)     | 3 | EA |  | \$0.00    |
| 2-23                                          | RELOCATE SERVICE LINES (INSTALLATION ONLY)    | 6 | EA |  | \$0.00    |
| TOTAL Option No. 2                            |                                               |   |    |  | \$0.00    |
| Option No. 3 HUNTSVILLE UTILITIES FIBER OPTIC |                                               |   |    |  |           |
| 3-1                                           | MOBILIZATION/DEMOBILIZATION                   | 1 | LS |  | \$0.00    |
| 3-2                                           | GEOMETRIC CONTROLS                            | 1 | LS |  | \$0.00    |



| ATTACHMENT "A1"                                                                                                                                                        |                                                                                                     |        |    | 11/8/2018 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------|----|-----------|
| <b>CECIL ASHBURN DRIVE WIDENING-REBID</b><br>Project No. 65-14-RD07                                                                                                    |                                                                                                     |        |    |           |
| <b>BID TABULATION</b>                                                                                                                                                  |                                                                                                     |        |    |           |
| 3-3                                                                                                                                                                    | (2) - 3" HDPE COMMUNICATION CONDUITS (INSTALL ONLY),<br>SHARED TRENCH Complete in Place See Details | 15,840 | FT | \$0.00    |
| 3-4                                                                                                                                                                    | 4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED<br>COMMUNICATION COVER                                  | 30     | FT | \$0.00    |
| 3-5                                                                                                                                                                    | MANDREL TESTING AND PULL STRING INSTALLATION                                                        | 31,680 | FT | \$0.00    |
| TOTAL Option No. 3                                                                                                                                                     |                                                                                                     |        |    | \$0.00    |
| TOTAL BID (BASE BID + OPTION No. 1 + OPTION 2 + OPTION 3)                                                                                                              |                                                                                                     |        |    |           |
| ALL ITEMS SHALL BE CONSIDERED IN-PLACE. PRICES SHALL<br>INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND<br>REMOVALS AS REQUIRED FOR CONSTRUCTION OF THE<br>REQUIRED WORK. |                                                                                                     |        |    |           |
| COMPANY _____<br>SIGNATURE _____<br>DATE _____                                                                                                                         |                                                                                                     |        |    |           |

## ATTACHMENT L

### Incentive Payments and Disincentive Deductions (I/D).

**(a) Time.**

Time is of the essence in completing the contract work. It is in the interest of the public and the City to have the work completed as quickly as possible. Any delay in completing this work will inconvenience the traveling public and will interfere with and delay business and commerce. Furthermore, during each day that the work is under construction, the users of the highway will incur costs as a result of delays caused by construction.

**(b) Phases of Work, Time Periods, Incentive Payments, and Disincentive Deductions.**

Phases of Work are shown on the plans in a Sequence of Construction. Incentive Payments and Disincentive Deductions (I/D) will be made based on the requirements given in the Sequence of Construction.

| INCENTIVE PAYMENTS AND DISINCENTIVE DEDUCTIONS |                            |
|------------------------------------------------|----------------------------|
| Phase I                                        | \$30,000 per Calendar Day* |

\*Note: The maximum total incentive paid shall not exceed \$2,000,000. The maximum total disincentive deduction shall not exceed \$2,000,000.

**(c) I/D for Project**

Incentive payments and disincentive deductions will be made based on the time that the Contractor completes all work for Phase I, as described within contract pre-bid minutes.

An incentive payment of \$30,000 will be made for each full calendar day or portion of a calendar day that all work in Projects Phase I is completed before 365 consecutive calendar days from the Notice To Proceed. A disincentive deduction of \$30,000 will be made from the payment due the Contractor for each full calendar day, or portion of a calendar day, that all work is not completed after 365 consecutive calendar days from the Notice To Proceed.

**(d) Purpose of Disincentive Deductions.**

The Contractor and the City agree that the injury caused by a breach of this contract is difficult to accurately estimate, and that the dollar amounts of disincentive deductions per calendar day are intended to mitigate damages rather than serve as a penalty. The Contractor agrees that the dollar amounts of disincentive deduction per calendar day are reasonable pre-breach estimates of the probable loss to the public for the Contractor's failure to complete the work within the allotted time.



## SMOOTHWALL SPECS

| PIPE SIZE                      | 1/2"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 4"     | 5"     | 6"     | 8"     | 10"    | 12"     |
|--------------------------------|-------|-------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|---------|
| <b>WALL TYPE</b>               |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Nom OD (in)                    | 0.840 | 1.050 | 1.315 | 1.660  | 1.900  | 2.375 | 2.875  | 3.500 | 4.500  | 5.563  | 6.625  | 8.625  | 10.750 | 12.750  |
| OD Tolerance +/-               | 0.004 | 0.005 | 0.007 | 0.008  | 0.010  | 0.012 | 0.014  | 0.018 | 0.023  | 0.028  | 0.033  | 0.043  | 0.054  | 0.064   |
| Bend Radius (in) - Supported   | 8     | 10    | 13    | 17     | 19     | 24    | 29     | 39    | 50     | 61     | 73     | 155    | 194    | 230     |
| Bend Radius (in) - Unsupported | 16    | 20    | 26    | 34     | 38     | 48    | 58     | 78    | 100    | 122    | 146    | 233    | 290    | 344     |
| <b>SDR-9</b>                   |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Min. Wall (in)                 | 0.093 | 0.117 | 0.146 | 0.184  | 0.211  | 0.264 | 0.319  | 0.389 | 0.500  | 0.618  | 0.736  | 0.958  | 1.194  | 1.417   |
| Wall Tolerance +               | 0.020 | 0.020 | 0.020 | 0.022  | 0.025  | 0.032 | 0.038  | 0.047 | 0.060  | 0.074  | 0.088  | 0.115  | 0.143  | 0.170   |
| Avg ID (in)                    | 0.634 | 0.796 | 1.003 | 1.270  | 1.453  | 1.815 | 2.199  | 2.675 | 3.440  | 4.253  | 5.065  | 6.593  | 8.219  | 9.746   |
| Weight (#/ft)                  | 0.098 | 0.152 | 0.234 | 0.370  | 0.485  | 0.759 | 1.110  | 1.648 | 2.723  | 4.161  | 5.901  | 10.001 | 15.534 | 21.866  |
| Safe Working Load              | 525   | 821   | 1,288 | 2,052  | 2,688  | 4,200 | 6,155  | 9,122 | 15,080 | 23,045 | 32,684 | 55,397 | 86,057 | 121,056 |
| <b>SDR-11</b>                  |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Min. Wall (in)                 | 0.076 | 0.095 | 0.120 | 0.151  | 0.173  | 0.216 | 0.261  | 0.318 | 0.409  | 0.506  | 0.602  | 0.784  | 0.977  | 1.159   |
| Wall Tolerance +               | 0.020 | 0.020 | 0.020 | 0.020  | 0.021  | 0.026 | 0.031  | 0.038 | 0.049  | 0.061  | 0.072  | 0.094  | 0.117  | 0.139   |
| Avg ID (in)                    | 0.668 | 0.840 | 1.055 | 1.338  | 1.533  | 1.917 | 2.322  | 2.826 | 3.633  | 4.490  | 5.349  | 6.963  | 8.679  | 10.293  |
| Weight (#/ft)                  | 0.084 | 0.128 | 0.199 | 0.312  | 0.408  | 0.636 | 0.930  | 1.380 | 2.282  | 3.490  | 4.944  | 8.383  | 13.019 | 18.319  |
| Safe Working Load              | 440   | 687   | 1,078 | 1,717  | 2,249  | 3,515 | 5,151  | 7,633 | 12,618 | 19,284 | 27,349 | 46,355 | 72,010 | 101,297 |
| <b>SDR-13.5</b>                |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Min. Wall (in)                 | 0.062 | 0.078 | 0.097 | 0.123  | 0.141  | 0.176 | 0.213  | 0.259 | 0.333  | 0.412  | 0.491  | 0.639  | 0.796  | 0.944   |
| Wall Tolerance +               | 0.020 | 0.020 | 0.020 | 0.020  | 0.020  | 0.021 | 0.026  | 0.031 | 0.040  | 0.049  | 0.059  | 0.077  | 0.096  | 0.113   |
| Avg ID (in)                    | 0.696 | 0.874 | 1.101 | 1.394  | 1.598  | 2.002 | 2.423  | 2.951 | 3.794  | 4.690  | 5.584  | 7.270  | 9.062  | 10.749  |
| Weight (#/ft)                  | 0.072 | 0.110 | 0.167 | 0.263  | 0.342  | 0.528 | 0.775  | 1.146 | 1.895  | 2.896  | 4.112  | 6.969  | 10.821 | 15.214  |
| Safe Working Load              | 365   | 570   | 894   | 1,425  | 1,857  | 2,917 | 4,274  | 6,335 | 10,472 | 16,004 | 22,697 | 38,470 | 59,762 | 84,067  |
| <b>SDR-15.5</b>                |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Min. Wall (in)                 | 0.062 | 0.068 | 0.084 | 0.107  | 0.123  | 0.153 | 0.185  | 0.226 | 0.290  | 0.359  | 0.427  |        |        |         |
| Wall Tolerance +               | 0.018 | 0.020 | 0.020 | 0.020  | 0.020  | 0.020 | 0.022  | 0.027 | 0.035  | 0.043  | 0.051  |        |        |         |
| Avg ID (in)                    | 0.698 | 0.894 | 1.127 | 1.426  | 1.634  | 2.049 | 2.483  | 3.021 | 3.885  | 4.802  | 5.720  |        |        |         |
| Weight (#/ft)                  | 0.071 | 0.098 | 0.149 | 0.234  | 0.304  | 0.467 | 0.680  | 1.011 | 1.669  | 2.552  | 3.615  |        |        |         |
| Safe Working Load              |       |       | 792   | 1,234  | 1,607  | 2,466 | 3,592  | 5,342 | 8,814  | 13,483 | 19,123 |        |        |         |
| <b>SDR-17</b>                  |       |       |       |        |        |       |        |       |        |        |        |        |        |         |
| Min. Wall (in)                 |       | 0.062 | 0.077 | 0.098  | 0.112  | 0.140 | 0.169  | 0.206 | 0.265  | 0.327  | 0.390  |        |        |         |
| Wall Tolerance +               |       | 0.020 | 0.020 | 0.020  | 0.020  | 0.020 | 0.020  | 0.025 | 0.032  | 0.039  | 0.047  |        |        |         |
| Avg ID (in)                    |       | 0.906 | 1.141 | 1.444  | 1.656  | 2.075 | 2.517  | 3.063 | 3.938  | 4.870  | 5.798  |        |        |         |
| Weight (#/ft)                  |       | 0.091 | 0.138 | 0.217  | 0.281  | 0.432 | 0.625  | 0.928 | 1.534  | 2.339  | 3.324  |        |        |         |
| Safe Working Load              |       | 460   | 722   | 1,150  | 1,507  | 2,355 | 3,450  | 5,114 | 8,453  | 12,918 | 18,321 |        |        |         |



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DL-SMOOTHW 5-2017

## SMOOTHWALL SPECS

| PIPE SIZE                      | 1/2"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 4"     | 5"     | 6"     | 8"     | 10"    | 12"    |
|--------------------------------|-------|-------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| <b>WALL TYPE</b>               |       |       |       |        |        |       |        |       |        |        |        |        |        |        |
| Nom OD (in)                    | 0.840 | 1.050 | 1.315 | 1.660  | 1.900  | 2.375 | 2.875  | 3.500 | 4.500  | 5.563  | 6.625  | 8.625  | 10.750 | 12.750 |
| OD Tolerance +/-               | 0.004 | 0.005 | 0.007 | 0.008  | 0.010  | 0.012 | 0.014  | 0.018 | 0.023  | 0.028  | 0.033  | 0.043  | 0.054  | 0.064  |
| Bend Radius (in) - Supported   | 8     | 10    | 13    | 17     | 19     | 24    | 29     | 39    | 50     | 61     | 73     | 155    | 194    | 230    |
| Bend Radius (in) - Unsupported | 16    | 20    | 26    | 34     | 38     | 48    | 58     | 78    | 100    | 122    | 146    | 233    | 290    | 344    |
| <b>SCH-40</b>                  |       |       |       |        |        |       |        |       |        |        |        |        |        |        |
| Min. Wall (in)                 | 0.109 | 0.113 | 0.133 | 0.140  | 0.145  | 0.154 | 0.203  | 0.216 | 0.237  | 0.258  | 0.280  | 0.322  | 0.355  | 0.406  |
| Wall Tolerance +               | 0.020 | 0.020 | 0.020 | 0.020  | 0.020  | 0.020 | 0.024  | 0.026 | 0.028  | 0.031  | 0.034  | 0.039  | 0.044  | 0.049  |
| Avg ID (in)                    | 0.602 | 0.804 | 1.029 | 1.360  | 1.590  | 2.047 | 2.445  | 3.042 | 3.998  | 5.016  | 6.031  | 7.942  | 9.976  | 11.889 |
| Weight (#/ft)                  | 0.111 | 0.148 | 0.217 | 0.293  | 0.350  | 0.469 | 0.740  | 0.969 | 1.380  | 1.872  | 2.432  | 3.661  | 5.215  | 6.846  |
| Safe Working Load              | 601   | 798   | 1,340 | 1,604  | 1,919  | 2,579 | 4,090  | 5,348 | 7,618  | 10,320 | 13,395 | 20,158 | 28,580 |        |
| <b>SCH-80</b>                  |       |       |       |        |        |       |        |       |        |        |        |        |        |        |
| Min. Wall (in)                 | 0.147 | 0.154 | 0.179 | 0.191  | 0.200  | 0.218 | 0.276  | 0.300 | 0.337  | 0.375  | 0.432  |        |        |        |
| Wall Tolerance +               | 0.020 | 0.020 | 0.021 | 0.023  | 0.024  | 0.026 | 0.033  | 0.036 | 0.040  | 0.045  | 0.052  |        |        |        |
| Avg ID (in)                    | 0.526 | 0.722 | 0.936 | 1.255  | 1.476  | 1.913 | 2.290  | 2.854 | 3.786  | 4.768  | 5.709  |        |        |        |
| Weight (#/ft)                  | 0.139 | 0.188 | 0.276 | 0.382  | 0.463  | 0.641 | 0.978  | 1.310 | 1.914  | 2.657  | 3.656  |        |        |        |
| Safe Working Load              | 768   | 1,040 | 1,533 | 2,116  | 2,564  | 3,545 | 5,409  | 7,238 | 10,578 | 14,669 | 20,172 |        |        |        |

## NOTES:

1. Bend Radius  
 1/2" through 2 1/2" Supported Bend Radius 10 times the OD 20 times the OD  
 3" through 6" Supported Bend Radius 11 times the OD 22 times the OD  
 8" through 16" Supported Bend Radius 18 times the OD 27 times the OD  
 During cable placement, large sweeping bends are recommended over tighter bends. Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
2. "Safe Working Load" is calculated using a 20% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and minimum wall thickness.
3. Product Specifications
4. All Smoothwall conduit dimensions meets or exceeds one or more of the following specifications:  
 ASTM F-2160, ASTM D-3035, ASTM D-2239, ASTM D-3485, NEMA TC-7, UL 651, UL 1990, Bellcore GR-356  
 Internal or external ribs are in addition to the average wall and for determining OD and ID dimensions. The average rib height to be added is 0.020"
5. Add 0.016 #/ft for ribbed products 1 1/2" and less. For 2" and larger, add 0.025 #/ft



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## SMOOTHWALL SPECS

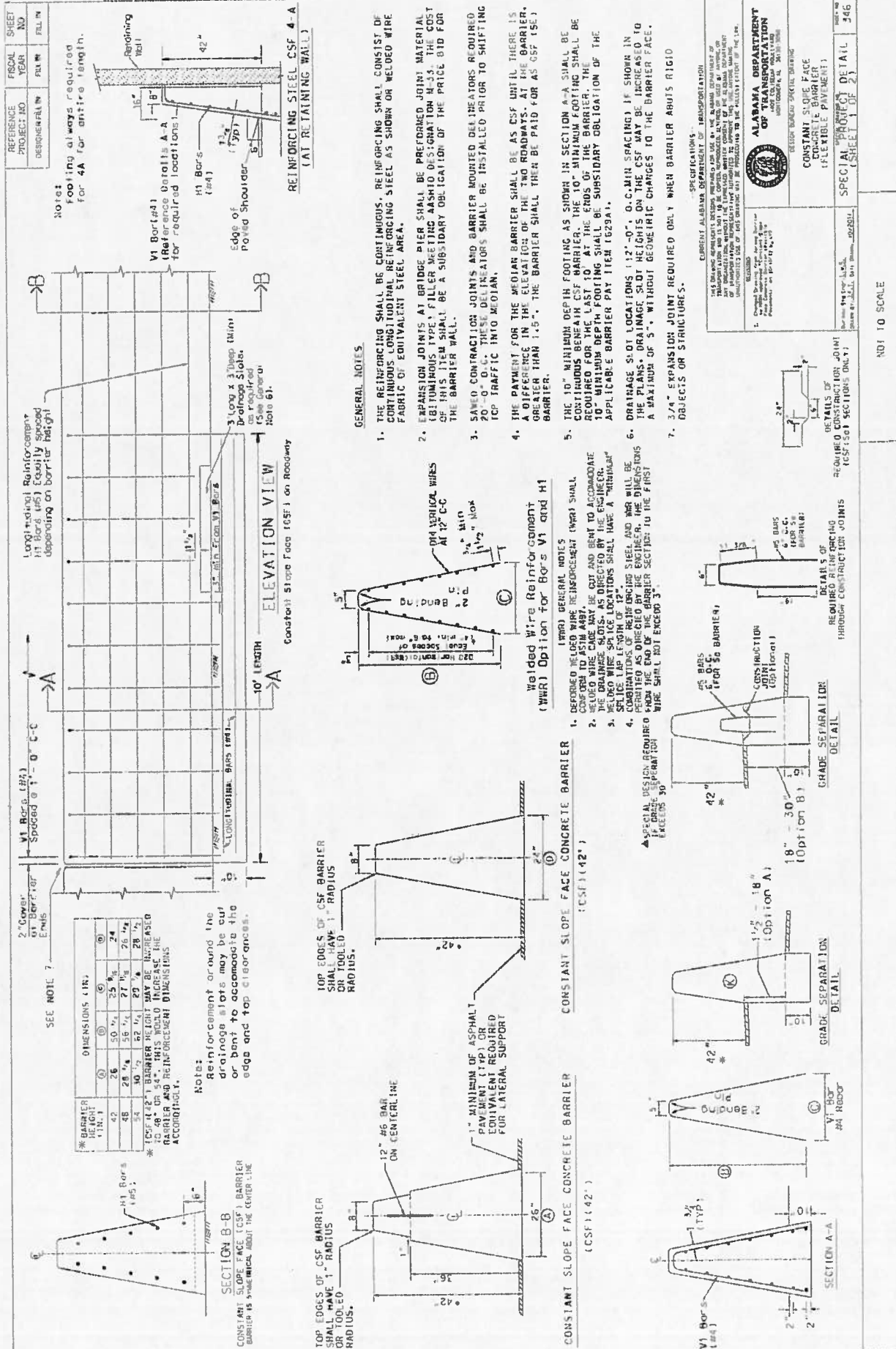
| WALL TYPE                      | PIPE SIZE         |       |       |        |        |       |        |       |       |       |
|--------------------------------|-------------------|-------|-------|--------|--------|-------|--------|-------|-------|-------|
|                                | 1/2"              | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 4"    | 6"    |
| Nom ID (in)                    | 0.622             | 0.824 | 1.049 | 1.380  | 1.610  | 2.067 | 2.469  | 3.068 | 4.005 | 6.065 |
| ID Tolerance +                 | 0.010             | 0.010 | 0.010 | 0.010  | 0.015  | 0.015 | 0.015  | 0.015 | 0.015 | 0.020 |
| ID Tolerance -                 | 0.010             | 0.015 | 0.020 | 0.020  | 0.020  | 0.020 | 0.025  | 0.030 | 0.035 | 0.035 |
| Bend Radius (in) - Supported   | 8                 | 10    | 13    | 17     | 19     | 24    | 29     | 39    | 50    | 73    |
| Bend Radius (in) - Unsupported | 16                | 20    | 26    | 34     | 38     | 48    | 58     | 78    | 100   | 146   |
| SIDR-9                         | Min. Wall (in)    | 0.069 | 0.092 | 0.117  | 0.153  | 0.230 |        |       |       |       |
|                                | Wall Tolerance +  | 0.020 | 0.020 | 0.020  | 0.020  | 0.028 |        |       |       |       |
|                                | Avg OD (in)       | 0.780 | 1.026 | 1.298  | 1.701  | 2.553 |        |       |       |       |
|                                | Weight (#/ft)     | 0.072 | 0.122 | 0.192  | 0.324  | 0.729 |        |       |       |       |
|                                | Safe Working Load | 445   | 760   | 1471   | 1652   | 4535  |        |       |       |       |
| SIDR-11.5                      | Min. Wall (in)    | 0.060 | 0.072 | 0.091  | 0.120  | 0.180 | 0.215  | 0.267 | 0.350 | 0.527 |
|                                | Wall Tolerance +  | 0.020 | 0.020 | 0.020  | 0.020  | 0.022 | 0.025  | 0.032 | 0.042 | 0.063 |
|                                | Avg OD (in)       | 0.762 | 0.986 | 1.246  | 1.635  | 2.447 | 2.919  | 3.627 | 4.768 | 7.175 |
|                                | Weight (#/ft)     | 0.063 | 0.096 | 0.150  | 0.253  | 0.341 | 0.792  | 1.225 | 2.111 | 4.782 |
|                                | Safe Working Load | 390   | 597   | 891    | 1549   | 3468  | 4934   | 7627  | 13119 | 29750 |



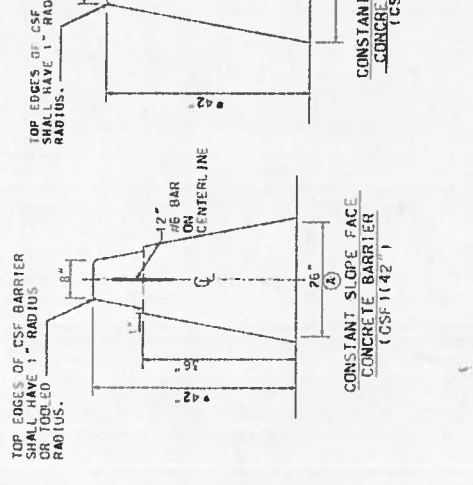
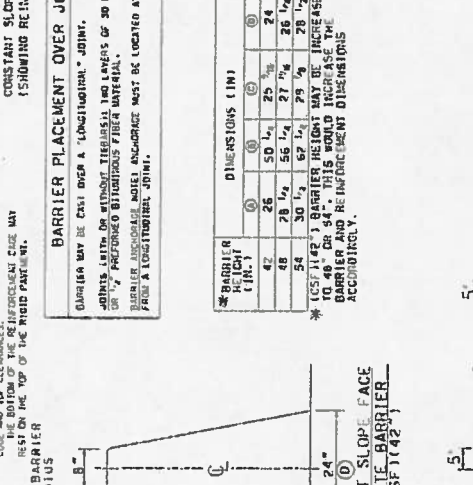
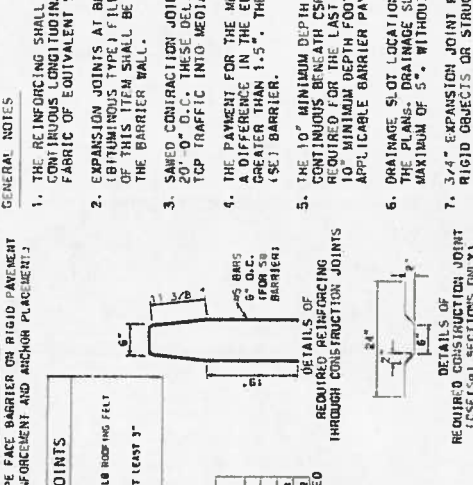
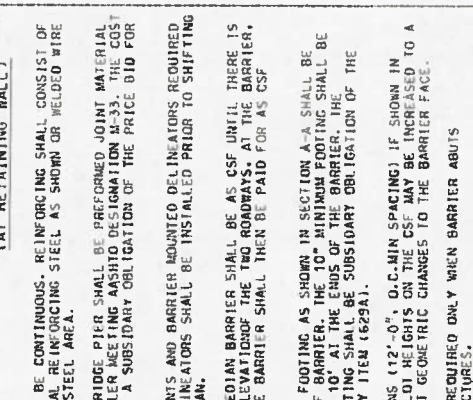
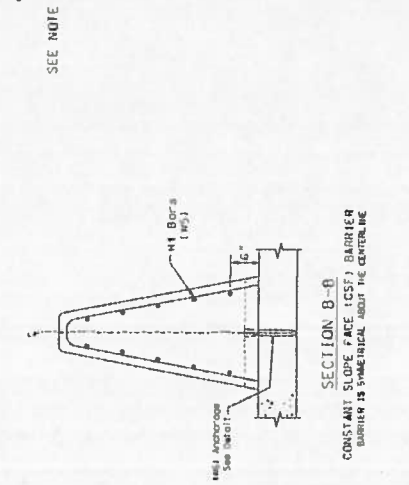
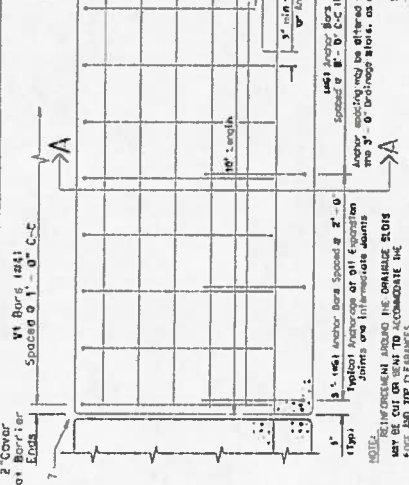
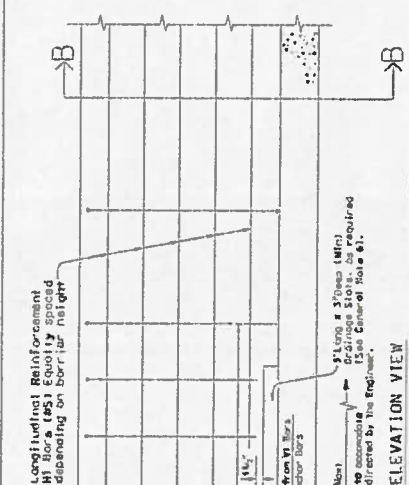
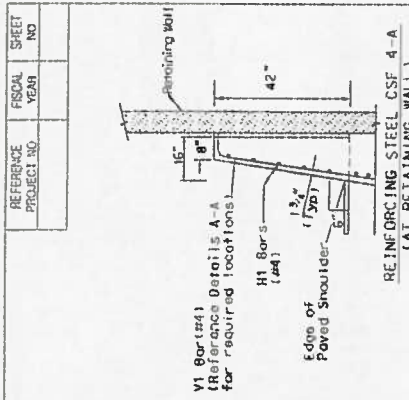
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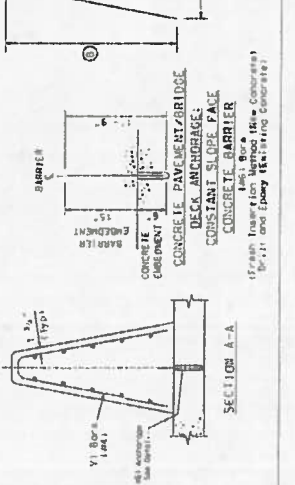
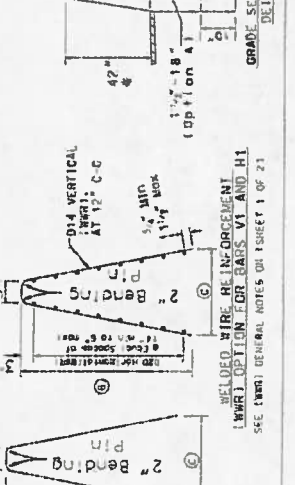
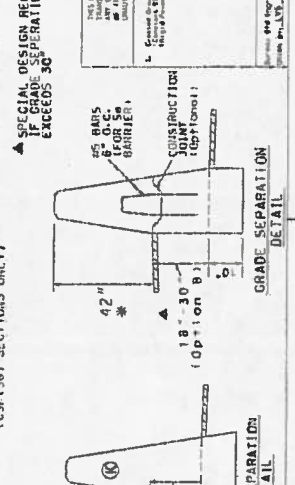
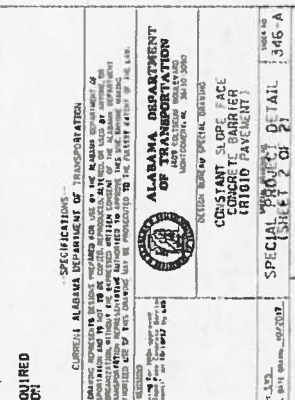






| *BARRIER<br>HEIGHT<br>(IN.) | DIMENSIONS (IN.) |          |          |          |     |     |
|-----------------------------|------------------|----------|----------|----------|-----|-----|
|                             | (1)              | (2)      | (3)      | (4)      | (5) | (6) |
| 42                          | 26               | 50 $1/2$ | 25 $1/2$ | 24       |     |     |
| 48                          | 28 $1/2$         | 56 $1/2$ | 27 $1/2$ | 26 $1/2$ |     |     |
| 54                          | 30 $1/2$         | 62 $1/2$ | 29 $1/2$ | 28 $1/2$ |     |     |

\* (54" x 62") BARRIER HEIGHT MAY BE INCREASED TO 48" OR 54". THIS WOULD INCREASE THE BARRIER AND REINFORCEMENT DIMENSIONS ACCORDINGLY.



NOT TO SCALE



# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**November 16, 2018**

### **Addendum #3**

#### **CLARIFICATION**

- Maximum Mobilization/Demobilization cost cannot exceed 5% for Huntsville Utilities Options 2 and 3.

#### **ADDITIONAL CONTRACTOR QUESTIONS:**

- Q: Bid Item 133 – Shotcrete, 6 Inches Thick with Welded Wire Rein. & Anchors. Where on the plans is this soil nail wall supposed to go? Do you have a standard spec on this as well?
- A: Sheet 121 of 124 Soils Report - Letter dated March 28, 2018, posted on the Engineering Department's website.
- Q: After reviewing the plans and addenda that have been provided to date, it appears there is one cross section page that is missing from the plan set provided online. Sheet number 222 appears to be missing. Can this plan sheet be provided?
- A: Sheet number 222 is attached to this addendum and is available for download from the Engineering Department's website.
- Q: I cannot find a detail for the 4' diameter man hole on the Fiber alternate. It appears we are to furnish those and I will need a detail if possible.
- A: Please see Sheet 117 of the plan set.
- Q: Do they want to use the same as Sanitary Sewer? 117 is for Sewer.
- A: Top does not need to say sewer.
- Q: Options 2 & 3 on the bid tabulation document indicate (installation only) for specific pay items. Is the contractor only responsible for costs associated with installation and the City of Huntsville will provide the materials?
- A: If item states installation only then material will be provided.

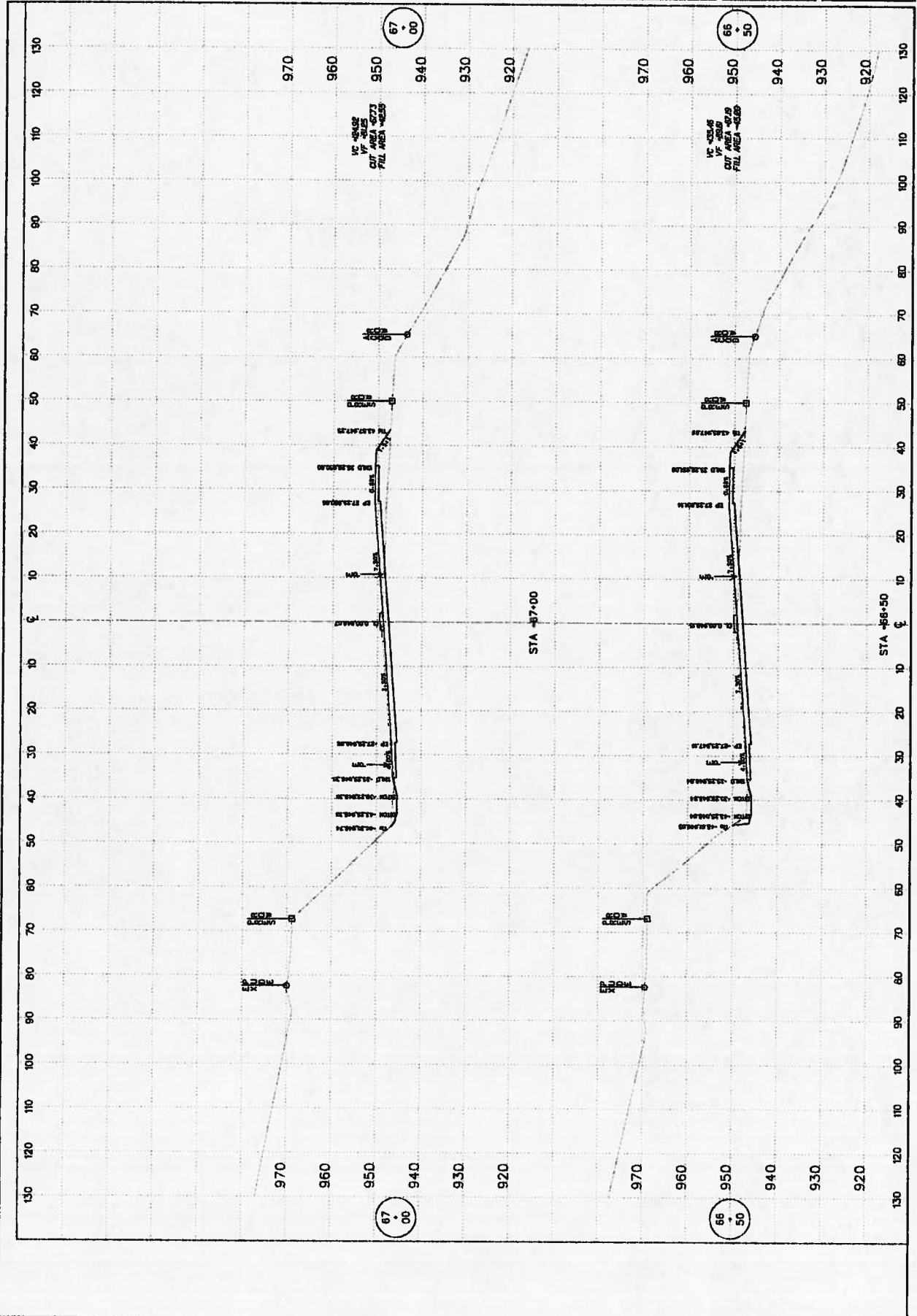
**The Star of Alabama**



**Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. All addenda, as well as other project information, are available for downloading on Engineering's website at [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). Acknowledgement of receipt/download from website of addenda is mandatory using Attachment "C" located in the Specifications and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates. The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.**

**Attachments: Drawings - Sheet 222**

**END OF ADDENDUM #3**





# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**November 19, 2018**

### **Addendum #4**

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

Replace bid quantities with "replacement", Attachment "A2". Please use the revised attachment to submit bid pricing; **all bids must be submitted using Attachment "A2"**. Contractors are authorized to download revised quantities from website and paste to a CD-RW (preferably in a live/flash drive format) which must be submitted with the original bid packet. In addition, two hard copies must be signed and submitted with original bid packet. Bid must be submitted from the file (Quantities) provided and downloaded from the City of Huntsville's website. Failure to do so may be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the bid CD in any manner. 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 the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copy, then 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.

#### **QUANTITY REVISIONS**

Quantities were revised to unlock cell E289.

#### **CLARIFICATIONS**

- Fiber dosage rate for reinforced slope paved concrete - 5lbs/CY minimum in accordance with manufactures recommendations
- Center raised concrete island dimensions – The island overall width is 4' and is measured from face to face. The face slopes and dimensions are to match those found on ALDOT Detail Index No 627 for Type "N" construction. The island can be formed and poured or

**The Star of Alabama**



poured monolithically. The Type "N" 6" wide face and 14" depth (Both Sides of island) will not be measured separately for payment but will be included in the overall measurement of the slope paving for the full 4' width of the island.

- Curved vane casting as shown on ALDOT INDEX No. 629 will be required for all "E" type Inlets.

**Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. All addenda, as well as other project information, are available for downloading on Engineering's website at [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). Acknowledgement of receipt/download from website of addenda is mandatory using Attachment "C" located in the Specifications and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates. The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.**

**Attachments: Revised Quantities-Attachment A2**

**END OF ADDENDUM #4**



| ATTACHMENT "A2"                    |                                                                                                        |         |          |                | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|----------------|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                        |         |          |                |            |
| Project No. 65-14-RD07             |                                                                                                        |         |          |                |            |
| BID TABULATION                     |                                                                                                        |         |          |                |            |
| ITEM NO.                           | DESCRIPTION                                                                                            | BID QTY | BID UNIT | BID UNIT PRICE | BID AMOUNT |
| 1                                  | CLEARING AND GRUBBING (APPROXIMATELY 44 ACRES) (5 ACRES WOODED)                                        | 1       | LS       |                | \$0.00     |
| 2                                  | UNCLASSIFIED EXCAVATION (INCLUDES TOPSOIL STRIPPING ALONG SUTTON AND OLD BIG COVE)                     | 6,381   | CY       |                | \$0.00     |
| 3                                  | UNCLASSIFIED EXCAVATION (ROCK)                                                                         | 200,000 | CY       |                | \$0.00     |
| 4                                  | BORROW EXCAVATION (AFTER ONSITE ROCK HAS BEEN PLACED AND AS NEEDED FOR SUTTON ROAD) 14CYS/Triaxle Load | 35,000  | CY       |                | \$0.00     |
| 5                                  | GEOMETRIC CONTROL (Roadway Only)                                                                       | 1       | LS       |                | \$0.00     |
| 6                                  | ROADBED PROCESSING (Sutton Road if Needed)                                                             | 23      | STA      |                | \$0.00     |
| 7                                  | ROADBED STABILIZING MATERIAL, ALDOT #410 (MODIFIED) (Sutton Road if Needed)                            | 9,500   | TON      |                | \$0.00     |
| 8                                  | 301A-008 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 10" COMPACTED THICKNESS (Two 5" Lifts)    | 70,000  | SY       |                | \$0.00     |
| 9                                  | 301A-012 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                    | 13,500  | SY       |                | \$0.00     |
| 10                                 | 305B-078 CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE                                 | 2,000   | TON      |                | \$0.00     |
| 11                                 | 401A-000 BITUMINOUS TREATMENT "A"                                                                      | 83,500  | SY       |                | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                          |  |         |     | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--|---------|-----|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                          |  |         |     |            |
| Project No. 65-14-RD07             |                                                                                                                          |  |         |     |            |
| BID TABULATION                     |                                                                                                                          |  |         |     |            |
| 12                                 | 405A-000 TACK COAT                                                                                                       |  | 16,500  | GAL | \$0.00     |
| 13                                 | 424B-000 OPEN GRADED FRICTION COURSE TACK COAT                                                                           |  | 14,000  | GAL | \$0.00     |
| 14                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.1" TO 2.0" THICK)                                                             |  | 19,000  | SY  | \$0.00     |
| 15                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 2.1" TO 3.0" THICK)                                                             |  | 55,000  | SY  | \$0.00     |
| 16                                 | 420A-015 POLYMER OPEN GRADED FRICTION COURSE (90 LBS. / SY)                                                              |  | 85,000  | SY  | \$0.00     |
| 17                                 | 424A-340 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (135 LBS./SY) |  | 150,000 | SY  | \$0.00     |
| 18                                 | 424A-346 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B     |  | 1,000   | TON | \$0.00     |
| 19                                 | 424B-636 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (280 LBS./SY)      |  | 140,000 | SY  | \$0.00     |
| 20                                 | 424B-644 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1 INCH MAX. AGGREGATE, ESAL RANGE A/B               |  | 2,000   | TON | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                                                                      |       |    |  | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                      |       |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                                      |       |    |  |            |
| BID TABULATION                     |                                                                                                                                                                                      |       |    |  |            |
| 21                                 | SINGLE 8' X 4' STEEL REINFORCED CONCRETE CULVERT COMPLETE IN PLACE TO INCLUDE CONCRETE, RESTEEL, WEEP HOLES, FORMING, DEWATERING AND TIE TO EXISTING CULVERT                         | 55    | LF |  | \$0.00     |
| 22                                 | RETAINING WALL (CAST-IN-PLACE), TO INCLUDE EXCAVATION, STONE BACKFILL, CONCRETE, REINFORCEMENT AND WEEP HOLES, THOROUGH COAT FINISH COMPLETE IN PLACE, PER C.O.H. SPECIFICATION #525 | 3,603 | SF |  | \$0.00     |
| 23                                 | DECORATIVE HANDRAIL FOR RETAINING WALL COMPLETE IN PLACE ( SEE DETAIL SHEET 148)                                                                                                     | 305   | LF |  | \$0.00     |
| 24                                 | FORM LINER FOR RETAINING WALL FACE (CUSTOM ROCK FORMLINER OR APPROVED EQUAL)                                                                                                         | 3,603 | SF |  | \$0.00     |
| 25                                 | 18" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 3,196 | LF |  | \$0.00     |
| 26                                 | 18" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                               | 8,591 | LF |  | \$0.00     |
| 27                                 | 24" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 665   | LF |  | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                                                        |     |    |  | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                        |     |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                        |     |    |  |            |
| BID TABULATION                     |                                                                                                                                                        |     |    |  |            |
| 28                                 | 24" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 452 | LF |  | \$0.00     |
| 29                                 | 30" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 46  | LF |  | \$0.00     |
| 30                                 | 30" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 58  | LF |  | \$0.00     |
| 31                                 | 36" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 670 | LF |  | \$0.00     |
| 32                                 | 36" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 528 | LF |  | \$0.00     |
| 33                                 | 42" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 41  | LF |  | \$0.00     |
| 34                                 | 48" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 40  | LF |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                                         |     |    |  | 11/19/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                         |     |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                         |     |    |  |            |
| BID TABULATION                     |                                                                                                                                                         |     |    |  |            |
| 35                                 | 60" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 246 | LF |  | \$0.00     |
| 36                                 | 72" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 48  | LF |  | \$0.00     |
| 37                                 | 22"X13" ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527         | 55  | LF |  | \$0.00     |
| 38                                 | 36"X22"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 176 | LF |  | \$0.00     |
| 39                                 | 59"X36"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 322 | LF |  | \$0.00     |
| 40                                 | 15" ROADWAY PIPE (CLASS 3 R.C.) (STACK PIPE), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 9   | LF |  | \$0.00     |
| 41                                 | MOBILIZATION Road Only (SEE SCHEDULE)                                                                                                                   | 1   | LS |  | \$0.00     |
| 42                                 | RIGHT OF WAY MARKERS (PROPERTY PINS)                                                                                                                    | 51  | EA |  | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                                   |        |     |  | 11/19/2018 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|-----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                   |        |     |  |            |
| Project No. 65-14-RD07             |                                                                                                                                   |        |     |  |            |
| BID TABULATION                     |                                                                                                                                   |        |     |  |            |
| 43                                 | FURNISHING TYPE 2 FIELD OFFICE, To Include (Water, Electric, Sewage, Cleaning) for project duration and site prep and restoration | 1      | EA  |  | \$0.00     |
| 44                                 | 8" UNDERDRAIN PIPE (AS DIRECTED BY THE ENGINEER)                                                                                  | 10,000 | LF  |  | \$0.00     |
| 45                                 | ONSITE ROCK PLACED AS LOOSE RIPRAP, CLASS 2                                                                                       | 1,500  | TON |  | \$0.00     |
| 46                                 | FILTER BLANKET, GEOTEXTILE (NON-WOVEN)                                                                                            | 2,600  | SY  |  | \$0.00     |
| 47                                 | 6" FIBER REINFORCED CONCRETE SLOPE PAVING TO INCLUDE 4" STONE LEVELING LAYER, FORMING, FINISHING AND PROTECTING)                  | 30,000 | SY  |  | \$0.00     |
| 48                                 | CONCRETE SIDEWALK, 4" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 4,800  | SY  |  | \$0.00     |
| 49                                 | CONCRETE DRIVEWAY, 6" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 150    | SY  |  | \$0.00     |
| 50                                 | 18" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 6      | EA  |  | \$0.00     |
| 51                                 | 30" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 2      | EA  |  | \$0.00     |
| 52                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 1      | EA  |  | \$0.00     |
| 53                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 2      | EA  |  | \$0.00     |
| 54                                 | 42" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  |  | \$0.00     |
| 55                                 | 48" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                                         |     |    |  |  | 11/19/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                         |     |    |  |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                         |     |    |  |  |            |
| BID TABULATION                     |                                                                                                                                                         |     |    |  |  |            |
| 56                                 | 60" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 6   | EA |  |  | \$0.00     |
| 57                                 | 72" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                                        | 1   | EA |  |  | \$0.00     |
| 58                                 | 18" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)                                                                                                   | 6   | EA |  |  | \$0.00     |
| 59                                 | 22"X13" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                                             | 4   | EA |  |  | \$0.00     |
| 60                                 | 36"X22" ROADWAY PIPE END TREATMENT, CLASS 1 (QUADRUPLE LINE)                                                                                            | 1   | LS |  |  | \$0.00     |
| 61                                 | 4' DIAMETER SANITARY SEWER MANHOLE, STANDARD PRECAST, 4' TO 6' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS              | 1   | EA |  |  | \$0.00     |
| 62                                 | 4' DIAMETER SANITARY SEWER DROP MANHOLE, STANDARD PRECAST, 10' TO 12' DEPTH, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS       | 1   | LS |  |  | \$0.00     |
| 63                                 | CONNECTION TO EXISTING SANITARY SEWER MANHOLE, COMPLETE IN-PLACE, (INCLUDES CORING EXISTING MANHOLE) PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS | 2   | EA |  |  | \$0.00     |
| 64                                 | 8" DIP CLASS 350 GRAVITY SANITARY SEWER PIPE, 8' TO 10' DEEP, COMPLETE IN-PLACE PER C.O.H. SANITARY SEWER SPECIFICATIONS & DETAILS                      | 100 | LF |  |  | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                                                                    |    |    |  | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                    |    |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                    |    |    |  |            |
| BID TABULATION                     |                                                                                                                                                                    |    |    |  |            |
| 65                                 | 18" DIAMETER .125" THICK CARBON STEEL SANITARY SEWER CASING SLEEVE WITH S.S. SPACERS                                                                               | 50 | LF |  | \$0.00     |
| 66                                 | SANITARY SEWER TESTING (TVI AND VACUUM)                                                                                                                            | 1  | LS |  | \$0.00     |
| 67                                 | JUNCTION BOX, SMALL (15" TO 30" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 6  | EA |  | \$0.00     |
| 68                                 | JUNCTION BOX, LARGE (36" TO 72" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 12 | EA |  | \$0.00     |
| 69                                 | JUNCTION BOX, SPECIAL, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                  | 2  | EA |  | \$0.00     |
| 70                                 | JUNCTION BOX CONVERSION, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                | 3  | EA |  | \$0.00     |
| 71                                 | INLETS, TYPE E, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 63 | EA |  | \$0.00     |
| 72                                 | INLETS, TYPE E1, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 7  | EA |  | \$0.00     |
| 73                                 | INLETS, TYPE C, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 13 | EA |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                                                     |       |    | 11/19/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                     |       |    |            |
| Project No. 65-14-RD07             |                                                                                                                                                                     |       |    |            |
| BID TABULATION                     |                                                                                                                                                                     |       |    |            |
| 74                                 | INLETS, TYPE CD, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA | \$0.00     |
| 75                                 | INLETS, TYPE IJ, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA | \$0.00     |
| 76                                 | "S" TYPE INLET, SINGLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 29    | EA | \$0.00     |
| 77                                 | "S" TYPE INLET, DOUBLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 4     | EA | \$0.00     |
| 78                                 | S' TYPE INLET, DOUBLE WING, REPLACE TOP, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 2     | EA | \$0.00     |
| 79                                 | OPEN THROAT INLET, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                                        | 6     | EA | \$0.00     |
| 80                                 | STILLING BASINS, TYPE 6, COMPLETE IN PLACE                                                                                                                          | 1     | LS | \$0.00     |
| 81                                 | CONCRETE GUTTER (MODIFIED)                                                                                                                                          | 140   | LF | \$0.00     |
| 82                                 | 24" COMBINATION CURB & GUTTER, TYPE C (MODIFIED)                                                                                                                    | 6,730 | LF | \$0.00     |
| 83                                 | CONCRETE MEDIAN OR SAFETY BARRIER, TYPE CSF 42                                                                                                                      | 3,204 | LF | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                              |        |      |  | 11/19/2018 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                              |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                              |        |      |  |            |
| BID TABULATION                     |                                                                                                                              |        |      |  |            |
| 84                                 | CONCRETE MEDIAN OR SAFETY BARRIER END SECTION (TYPE TES) COMPLETE IN PLACE TO INCLUDE FOOTINGS FOUNDATIONS AND APPURTENANCES | 2      | EA   |  | \$0.00     |
| 85                                 | STEEL BEAM GUARDRAIL, CLASS A, TYPE 1                                                                                        | 15,000 | LF   |  | \$0.00     |
| 86                                 | GUARDRAIL END ANCHOR, TYPE 10 SERIES                                                                                         | 3      | EA   |  | \$0.00     |
| 87                                 | GUARDRAIL END ANCHOR, TYPE 8 SERIES                                                                                          | 13     | EA   |  | \$0.00     |
| 88                                 | GUARDRAIL END ANCHOR, TYPE 20 SERIES                                                                                         | 11     | EA   |  | \$0.00     |
| 89                                 | TOPSOIL Contractor Provided (measured in loose triaxle loads 14 CY)                                                          | 5,000  | CY   |  | \$0.00     |
| 90                                 | SEEDING (ALDOT YEAR ROUND MIX)                                                                                               | 8      | ACRE |  | \$0.00     |
| 91                                 | MOWING                                                                                                                       | 40     | ACRE |  | \$0.00     |
| 92                                 | SOLID SODDING (ALL Types)                                                                                                    | 15,000 | SY   |  | \$0.00     |
| 93                                 | MULCHING                                                                                                                     | 16     | ACRE |  | \$0.00     |
| 94                                 | HYDRO-SEEDING & MULCHING (MIX 1E)                                                                                            | 5,000  | SY   |  | \$0.00     |
| 95                                 | HAY BALES                                                                                                                    | 100    | EA   |  | \$0.00     |
| 96                                 | SAND BAGS                                                                                                                    | 1,000  | EA   |  | \$0.00     |
| 97                                 | EROSION CONTROL CHECK DAMS, TYPE II, INSTALL, MAINTAIN AND REMOVE                                                            | 13     | EA   |  | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                       |        |      |  | 11/19/2018 |
|------------------------------------|-------------------------------------------------------------------------------------------------------|--------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                       |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                       |        |      |  |            |
| BID TABULATION                     |                                                                                                       |        |      |  |            |
| 98                                 | TEMPORARY EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT S150 OR APPROVED EQUAL | 1,000  | SY   |  | \$0.00     |
| 99                                 | PERMANENT EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT C350 OR APPROVED EQUAL | 2,000  | SY   |  | \$0.00     |
| 100                                | TEMPORARY RIPRAP CLASS 2                                                                              | 100    | TON  |  | \$0.00     |
| 101                                | SILT FENCE, TYPE A                                                                                    | 17,500 | LF   |  | \$0.00     |
| 102                                | SILT FENCE REMOVAL                                                                                    | 17,500 | LF   |  | \$0.00     |
| 103                                | INLET PROTECTION, STAGE 3 OR 4                                                                        | 147    | EA   |  | \$0.00     |
| 104                                | 20 INCH WATTLE                                                                                        | 2,353  | LF   |  | \$0.00     |
| 105                                | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                 | 6      | MILE |  | \$0.00     |
| 106                                | BROKEN WHITE, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                               | 7      | MILE |  | \$0.00     |
| 107                                | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                | 7      | MILE |  | \$0.00     |
| 108                                | BROKEN YELLOW, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                              | 1      | MILE |  | \$0.00     |
| 109                                | DOTTED CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                                      | 1,200  | LF   |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                            |        |      | 11/19/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                            |        |      |            |
| Project No. 65-14-RD07             |                                                                                                                                            |        |      |            |
| BID TABULATION                     |                                                                                                                                            |        |      |            |
| 110                                | BROKEN TEMPORARY TRAFFIC STRIPE                                                                                                            | 5      | MILE | \$0.00     |
| 111                                | SOLID TEMPORARY TRAFFIC STRIPE                                                                                                             | 25     | MILE | \$0.00     |
| 112                                | SOLID TRAFFIC STRIPE REMOVED                                                                                                               | 41,700 | LF   | \$0.00     |
| 113                                | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A                                                                                                  | 3,000  | SF   | \$0.00     |
| 114                                | TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A                                                                                                   | 210    | SF   | \$0.00     |
| 115                                | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS AND LEGENDS                                                                                   | 3,000  | SF   | \$0.00     |
| 116                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C                                                                                                      | 500    | EA   | \$0.00     |
| 117                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-A                                                                                                      | 350    | EA   | \$0.00     |
| 118                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-B                                                                                                      | 350    | EA   | \$0.00     |
| 119                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D                                                                                                      | 140    | EA   | \$0.00     |
| 120                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E                                                                                                      | 100    | EA   | \$0.00     |
| 121                                | 705A-023 PAVEMENT MARKERS, CLASS C, TYPE 2-D                                                                                               | 1,000  | EA   | \$0.00     |
| 122                                | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.080" THICK OR STEEL FLAT SIGN PANELS 14 GAUGE (HIP SHEETING) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS | 200    | SF   | \$0.00     |
| 123                                | ROADWAY SIGN POST (#3 / FT "U" CHANNEL GALVANIZED STEEL) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS                                          | 450    | LF   | \$0.00     |

| ATTACHMENT "A2"                    |                                                                                                                               |        |      |  | 11/19/2018 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                               |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                               |        |      |  |            |
| BID TABULATION                     |                                                                                                                               |        |      |  |            |
| 124                                | VEHICULAR IMPACT ATTENUATOR ASSEMBLY TL-3 - COMPLETE IN PLACE TO INCLUDE FOUNDATIONS AND FOOTINGS AND ALL INCIDENTALS         | 2      | EA   |  | \$0.00     |
| 125                                | PORTABLE CONCRETE SAFETY BARRIERS, TYPE 6 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                          | 10,000 | LF   |  | \$0.00     |
| 126                                | PORTABLE IMPACT ATTENUATOR (IF NEEDED CONTRACTOR RETAINED)                                                                    | 4      | EACH |  | \$0.00     |
| 127                                | CONSTRUCTION SIGNS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,000  | SF   |  | \$0.00     |
| 128                                | CHANNELIZING DRUMS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,500  | EA   |  | \$0.00     |
| 129                                | BARRICADES, TYPE III                                                                                                          | 50     | EA   |  | \$0.00     |
| 130                                | WARNING LIGHTS, TYPE B (DETACHABLE)                                                                                           | 50     | EA   |  | \$0.00     |
| 131                                | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                    | 6      | EA   |  | \$0.00     |
| 132                                | PORTABLE CHANGEABLE MESSAGE SIGN, ALDOT TYPE 2 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                     | 10     | EA   |  | \$0.00     |
| 133                                | SHOTCRETE, 6 INCHES THICK WITH WELDED WIRE REINFORCING AND ANCHORS (CONTRACTOR TO PROVIDE DESIGN STAMPED BY ALABAMA ENGINEER) | 12,000 | SF   |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  | 11/19/2018 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| BID TABULATION                     |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| 134                                | MINOR STRUCTURE CONCRETE, COMPLETE IN-PLACE (AS DIRECTED BY THE ENGINEER FOR STEEL REINFORCED CONCRETE PIPE COLLARS) RESTEEL INCIDENTAL TO CONCRETE                                                                                                                                                                                                                                            | 200   | CY   |  | \$0.00     |
| 135                                | SCORING BITUMINOUS PAVEMENT BY CUTTING                                                                                                                                                                                                                                                                                                                                                         | 12    | MILE |  | \$0.00     |
| 136                                | TEMPORARY TRAFFIC SIGNALS AT DONEGAL AND OLD BIG COVE INTERSECTIONS TO INCLUDE: INSTALLATION, MAINTENANCE, ADJUSTMENT AND REMOVAL - COMPLETE IN PLACE. LUMP SUM PAYMENT FOR PROVIDING TEMPORARY SIGNALIZATION FOR 2 LANES OF TRAFFIC (1 EASTBOUND LANE AND 1 WESTBOUND LANE) BEGINNING AT THE COMPLETION OF PHASE 1 AND ENDING AFTER THE PERMANENT SIGNALS ARE ACCEPTED BY TRAFFIC ENGINEERING | 1     | LS   |  | \$0.00     |
| 137                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Donegal)                                                                                                                                                                                                                                                                                                                           | 1     | LS   |  | \$0.00     |
| 138                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Old Big Cove)                                                                                                                                                                                                                                                                                                                      | 1     | LS   |  | \$0.00     |
| 139                                | CONDUIT, PVC, SCHEDULE 40, 2 INCH STREET LIGHTS (ALL ROADWAY CROSSINGS REQUIRE STONE BACKFILL INCIDENTAL TO CONDUIT)                                                                                                                                                                                                                                                                           | 1,500 | LF   |  | \$0.00     |
| 140                                | 4" HDPE ELECTRICAL CONDUIT, 1 LINE, DIRECTIONAL BORE                                                                                                                                                                                                                                                                                                                                           | 100   | LF   |  | \$0.00     |



| ATTACHMENT "A2"                    |                                                                                        |       |    |  | 11/19/2018 |
|------------------------------------|----------------------------------------------------------------------------------------|-------|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                        |       |    |  |            |
| Project No. 65-14-RD07             |                                                                                        |       |    |  |            |
| BID TABULATION                     |                                                                                        |       |    |  |            |
| 141                                | INSTALL CITY OF HUNTSVILLE FURNISHED STREET LIGHT<br>FIXTURE AND POLE                  | 8     | EA |  | \$0.00     |
| 142                                | STREET LIGHT PEDESTALS (QUAZITE TIER 15 OR APPROVED<br>EQUAL)                          | 8     | EA |  | \$0.00     |
| 143                                | LIGHT POLE BASES, REINFORCED CONCRETE (HUNTSVILLE<br>UTILITIES STANDARD 3' DIA. X 10') | 8     | EA |  | \$0.00     |
| 144                                | #2 TRIPLEX 600V CONDUCTOR STREET LIGHT                                                 | 1,000 | LF |  | \$0.00     |
| TOTAL BASE BID                     |                                                                                        |       |    |  | \$0.00     |
| Option No. 1 TRAFFIC SIGNALS       |                                                                                        |       |    |  |            |
| 1-1                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT<br>(DONEGAL DRIVE SE)                   | 1     | LS |  | \$0.00     |
| 1-2                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (OLD<br>BIG COVE ROAD)                  | 1     | LS |  | \$0.00     |
| 1-3                                | RADAR DETECTION SYSTEM (DONEGAL DRIVE SE)                                              | 1     | LS |  | \$0.00     |
| 1-4                                | RADAR DETECTION SYSTEM (OLD BIG COVE ROAD SE)                                          | 1     | LS |  | \$0.00     |
| 1-5                                | METAL TRAFFIC SIGNAL POLE FOUNDATION                                                   | 4     | EA |  | \$0.00     |

| ATTACHMENT "A2"                    |                                                         |       |    |  | 11/19/2018 |
|------------------------------------|---------------------------------------------------------|-------|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                         |       |    |  |            |
| Project No. 65-14-RD07             |                                                         |       |    |  |            |
| BID TABULATION                     |                                                         |       |    |  |            |
| 1-6                                | METAL TRAFFIC SIGNAL POLE WITH 60' MAST ARM ASSEMBLY    | 4     | EA |  | \$0.00     |
| 1-7                                | METAL TRAFFIC SIGNAL STRAIN POLE PEDESTAL               | 2     | EA |  | \$0.00     |
| 1-8                                | TRAFFIC SIGNAL JUNCTION BOX                             | 8     | EA |  | \$0.00     |
| 1-9                                | 1", NON-METALLIC, CONDUIT                               | 200   | LF |  | \$0.00     |
| 1-10                               | 2", NON-METALLIC, CONDUIT                               | 1,030 | LF |  | \$0.00     |
| 1-11                               | 3", NON-METALLIC, CONDUIT                               | 490   | LF |  | \$0.00     |
| 1-12                               | LUMINAIRE EXTENSION ASSEMBLY                            | 5     | EA |  | \$0.00     |
| 1-13                               | VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED     | 8     | EA |  | \$0.00     |
| 1-14                               | VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED     | 5     | EA |  | \$0.00     |
| 1-15                               | PEDESTRIAN SIGNAL HEAD, TYPE LED                        | 6     | EA |  | \$0.00     |
| 1-16                               | CONTROLLER ASSEMBLY, TYPE III, 8 PHASE                  | 1     | EA |  | \$0.00     |
| 1-17                               | 8 INCH ELECTRICAL CONDUIT, 3 LINES, TYPE 5 INSTALLATION | 360   | LF |  | \$0.00     |
| 1-18                               | MOBILIZATION                                            | 1     | LS |  | \$0.00     |
| TOTAL Option No. 1                 |                                                         |       |    |  | \$0.00     |



| ATTACHMENT "A2"                                            |                                                     |        |    | 11/19/2018 |
|------------------------------------------------------------|-----------------------------------------------------|--------|----|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID                         |                                                     |        |    |            |
| Project No. 65-14-RD07                                     |                                                     |        |    |            |
| BID TABULATION                                             |                                                     |        |    |            |
| Option No. 2 HUNTSVILLE UTILITIES 16" WATER MAIN EXTENSION |                                                     |        |    |            |
| 2-1                                                        | MOBILIZATION/DEMOLITION                             | 1      | LS | \$0.00     |
| 2-2                                                        | GEOMETRIC CONTROLS                                  | 1      | LS | \$0.00     |
| 2-3                                                        | 12" RJ DUCTILE IRON PIPE, CL350 (INSTALLATION ONLY) | 1,020  | FT | \$0.00     |
| 2-4                                                        | PIPE, PVC, 4 (INSTALLATION ONLY)                    | 20     | FT | \$0.00     |
| 2-5                                                        | PIPE, TYT, DI, 6, CL350 (INSTALLATION ONLY)         | 147    | FT | \$0.00     |
| 2-6                                                        | PIPE, TYT, DI, 10, CL350 (INSTALLATION ONLY)        | 33     | FT | \$0.00     |
| 2-7                                                        | PIPE, TYT, DI, 12, CL350 (INSTALLATION ONLY)        | 14,183 | FT | \$0.00     |
| 2-8                                                        | PIPE, TYT, DI, 18, CL350 (INSTALLATION ONLY)        | 1,323  | FT | \$0.00     |
| 2-9                                                        | VALVE, GATE, MJ, 6 (INSTALLATION ONLY)              | 5      | EA | \$0.00     |
| 2-10                                                       | VALVE, GATE, MJ, 12 (INSTALLATION ONLY)             | 12     | EA | \$0.00     |
| 2-11                                                       | VALVE, RELIEF, AIR, 1 (INSTALLATION ONLY)           | 1      | EA | \$0.00     |
| 2-12                                                       | VALVE, RELIEF, AIR&VAC, 2 (INSTALLATION ONLY)       | 1      | EA | \$0.00     |
| 2-13                                                       | 12" CHECK VALVE ASSEMBLY (INSTALLATION ONLY)        | 1      | EA | \$0.00     |
| 2-14                                                       | VALVE, BUTTERFLY, MJ, 18 (INSTALLATION ONLY)        | 2      | EA | \$0.00     |



| ATTACHMENT "A2"                               |                                               |   |    |  | 11/19/2018 |
|-----------------------------------------------|-----------------------------------------------|---|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID            |                                               |   |    |  |            |
| Project No. 65-14-RD07                        |                                               |   |    |  |            |
| BID TABULATION                                |                                               |   |    |  |            |
| 2-15                                          | 10" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00     |
| 2-16                                          | 18" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00     |
| 2-17                                          | REDUCER, MJ, DI, 18 x 12 (INSTALLATION ONLY)  | 1 | EA |  | \$0.00     |
| 2-18                                          | ELL, 90, MJ, 18 (INSTALLATION ONLY)           | 1 | EA |  | \$0.00     |
| 2-19                                          | TEE, MJ, DI, 18x12 (INSTALLATION ONLY)        | 2 | EA |  | \$0.00     |
| 2-20                                          | TEE, MJ, DI, 18x6 (INSTALLATION ONLY)         | 2 | EA |  | \$0.00     |
| 2-21                                          | PLUG, MJ, DI, 18" (INSTALLATION ONLY)         | 1 | EA |  | \$0.00     |
| 2-22                                          | FIRE HYDRANT ASSEMBLY (INSTALLATION ONLY)     | 3 | EA |  | \$0.00     |
| 2-23                                          | RELOCATE SERVICE LINES (INSTALLATION ONLY)    | 6 | EA |  | \$0.00     |
| TOTAL Option No. 2                            |                                               |   |    |  | \$0.00     |
| Option No. 3 HUNTSVILLE UTILITIES FIBER OPTIC |                                               |   |    |  |            |
| 3-1                                           | MOBILIZATION/DEMOBILIZATION                   | 1 | LS |  | \$0.00     |
| 3-2                                           | GEOMETRIC CONTROLS                            | 1 | LS |  | \$0.00     |

| ATTACHMENT "A2"                                                                                                                                                                                             |                                                                                                     |        |    | 11/19/2018 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------|----|------------|
| <b>CECIL ASHBURN DRIVE WIDENING-REBID</b><br><b>Project No. 65-14-RD07</b>                                                                                                                                  |                                                                                                     |        |    |            |
| <b>BID TABULATION</b>                                                                                                                                                                                       |                                                                                                     |        |    |            |
| 3-3                                                                                                                                                                                                         | (2) - 3" HDPE COMMUNICATION CONDUITS (INSTALL ONLY),<br>SHARED TRENCH Complete in Place See Details | 15,840 | FT | \$0.00     |
| 3-4                                                                                                                                                                                                         | 4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED<br>COMMUNICATION COVER                                  | 30     | FT | \$0.00     |
| 3-5                                                                                                                                                                                                         | MANDREL TESTING AND PULL STRING INSTALLATION                                                        | 31,680 | FT | \$0.00     |
| TOTAL Option No. 3                                                                                                                                                                                          |                                                                                                     |        |    | \$0.00     |
| TOTAL BID (BASE BID + OPTION No. 1 + OPTION 2 + OPTION 3)                                                                                                                                                   |                                                                                                     |        |    | \$0.00     |
| <b>ALL ITEMS SHALL BE CONSIDERED IN-PLACE. PRICES SHALL<br/>         INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND<br/>         REMOVALS AS REQUIRED FOR CONSTRUCTION OF THE<br/>         REQUIRED WORK.</b> |                                                                                                     |        |    |            |
| <b>COMPANY</b> _____<br><b>SIGNATURE</b> _____<br><b>DATE</b> _____                                                                                                                                         |                                                                                                     |        |    |            |



# HUNTSVILLE

Kathy Martin, P.E.  
Director  
City Engineer

Urban Development Department  
Engineering Division

## **CECIL ASHBURN DRIVE WIDENING-REBID**

**Project No. 65-14-RD07**

**November 20, 2018**

### **Addendum #5**

**Attachment "A2" is amended as follows:**

Replace bid quantities with "replacement", **Attachment "A3"**. Please use the revised attachment to submit bid pricing; **all bids must be submitted using Attachment "A3"**. Contractors are authorized to download revised quantities from website and paste to a CD-RW (preferably in a live/flash drive format) which must be submitted with the original bid packet. In addition, two hard copies must be signed and submitted with original bid packet. Bid must be submitted from the file (Quantities) provided and downloaded from the City of Huntsville's website. Failure to do so may be cause for rejection of bid. The City reserves the right to reject any altered bid resulting from altering the bid CD in any manner. 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 the CD-RW, or the correct version of bid quantities is not submitted on the CD-RW which corresponds to the printed hard copy, then 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.

### **QUANTITY REVISIONS**

#### **Delete**

3-4 ~~4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED COMMUNICATION COVER~~  
30 FT

#### **Add**

3-4 4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED COMMUNICATION COVER  
30 EA

The Star of Alabama



**Addenda will only be emailed to those bidders who attend and have signed in at the pre-bid meeting. All addenda, as well as other project information, are available for downloading on Engineering's website at [www.huntsvilleal.gov/engineeringbids](http://www.huntsvilleal.gov/engineeringbids). Acknowledgement of receipt/download from website of addenda is mandatory using Attachment "C" located in the Specifications and attachment must be submitted with bid package. Failure to do so shall be cause for rejection of the bid. It is the responsibility of all bidders to refer to the website for any updates. The attached pre-bid meeting minutes, all addenda and attachments for the above-referenced project will become part of the contract documents.**

**Attachments: Revised Quantities-Attachment A3**

**END OF ADDENDUM #5**

| ATTACHMENT "A3"                    |                                                                                                        |         |          |                | 11/20/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|----------------|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                        |         |          |                |            |
| Project No. 65-14-RD07             |                                                                                                        |         |          |                |            |
| BID TABULATION                     |                                                                                                        |         |          |                |            |
| ITEM NO.                           | DESCRIPTION                                                                                            | BID QTY | BID UNIT | BID UNIT PRICE | BID AMOUNT |
| 1                                  | CLEARING AND GRUBBING (APPROXIMATELY 44 ACRES) (5 ACRES WOODED)                                        | 1       | LS       |                | \$0.00     |
| 2                                  | UNCLASSIFIED EXCAVATION (INCLUDES TOPSOIL STRIPPING ALONG SUTTON AND OLD BIG COVE)                     | 6,381   | CY       |                | \$0.00     |
| 3                                  | UNCLASSIFIED EXCAVATION (ROCK)                                                                         | 200,000 | CY       |                | \$0.00     |
| 4                                  | BORROW EXCAVATION (AFTER ONSITE ROCK HAS BEEN PLACED AND AS NEEDED FOR SUTTON ROAD) 14CYS/Triaxle Load | 35,000  | CY       |                | \$0.00     |
| 5                                  | GEOMETRIC CONTROL (Roadway Only)                                                                       | 1       | LS       |                | \$0.00     |
| 6                                  | ROADBED PROCESSING (Sutton Road if Needed)                                                             | 23      | STA      |                | \$0.00     |
| 7                                  | ROADBED STABILIZING MATERIAL, ALDOT #410 (MODIFIED) (Sutton Road if Needed)                            | 9,500   | TON      |                | \$0.00     |
| 8                                  | 301A-008 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 10" COMPACTED THICKNESS (Two 5" Lifts)    | 70,000  | SY       |                | \$0.00     |
| 9                                  | 301A-012 CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                    | 13,500  | SY       |                | \$0.00     |
| 10                                 | 305B-078 CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE                                 | 2,000   | TON      |                | \$0.00     |
| 11                                 | 401A-000 BITUMINOUS TREATMENT "A"                                                                      | 83,500  | SY       |                | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                          |         |     |        | 11/20/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------|-----|--------|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                          |         |     |        |            |
| Project No. 65-14-RD07             |                                                                                                                          |         |     |        |            |
| BID TABULATION                     |                                                                                                                          |         |     |        |            |
| 12                                 | 405A-000 TACK COAT                                                                                                       | 16,500  | GAL | \$0.00 |            |
| 13                                 | 424B-000 OPEN GRADED FRICTION COURSE TACK COAT                                                                           | 14,000  | GAL | \$0.00 |            |
| 14                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.1" TO 2.0" THICK)                                                             | 19,000  | SY  | \$0.00 |            |
| 15                                 | PLANING EXISTING PAVEMENT (APPROXIMATELY 2.1" TO 3.0" THICK)                                                             | 55,000  | SY  | \$0.00 |            |
| 16                                 | 420A-015 POLYMER OPEN GRADED FRICTION COURSE (90 LBS. / SY)                                                              | 85,000  | SY  | \$0.00 |            |
| 17                                 | 424A-340 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (135 LBS./SY) | 150,000 | SY  | \$0.00 |            |
| 18                                 | 424A-346 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B     | 1,000   | TON | \$0.00 |            |
| 19                                 | 424B-636 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1 INCH MAX. AGGREGATE SIZE, ESAL RANGE A/B (280 LBS./SY)      | 140,000 | SY  | \$0.00 |            |
| 20                                 | 424B-644 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1 INCH MAX. AGGREGATE, ESAL RANGE A/B               | 2,000   | TON | \$0.00 |            |



| ATTACHMENT "A3"                    |                                                                                                                                                                                      |       |    |  | 11/20/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                      |       |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                                      |       |    |  |            |
| BID TABULATION                     |                                                                                                                                                                                      |       |    |  |            |
| 21                                 | SINGLE 8' X 4' STEEL REINFORCED CONCRETE CULVERT COMPLETE IN PLACE TO INCLUDE CONCRETE, RESTEEL, WEEP HOLES, FORMING, DEWATERING AND TIE TO EXISTING CULVERT                         | 55    | LF |  | \$0.00     |
| 22                                 | RETAINING WALL (CAST-IN-PLACE), TO INCLUDE EXCAVATION, STONE BACKFILL, CONCRETE, REINFORCEMENT AND WEEP HOLES, THOROUGH COAT FINISH COMPLETE IN PLACE, PER C.O.H. SPECIFICATION #525 | 3,603 | SF |  | \$0.00     |
| 23                                 | DECORATIVE HANDRAIL FOR RETAINING WALL COMPLETE IN PLACE (SEE DETAIL SHEET 148)                                                                                                      | 305   | LF |  | \$0.00     |
| 24                                 | FORM LINER FOR RETAINING WALL FACE (CUSTOM ROCK FORMLINER OR APPROVED EQUAL)                                                                                                         | 3,603 | SF |  | \$0.00     |
| 25                                 | 18" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 3,196 | LF |  | \$0.00     |
| 26                                 | 18" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                               | 8,591 | LF |  | \$0.00     |
| 27                                 | 24" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527                                           | 665   | LF |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                                                        |     |    |  | 11/20/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                        |     |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                        |     |    |  |            |
| BID TABULATION                     |                                                                                                                                                        |     |    |  |            |
| 28                                 | 24" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 452 | LF |  | \$0.00     |
| 29                                 | 30" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 46  | LF |  | \$0.00     |
| 30                                 | 30" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 58  | LF |  | \$0.00     |
| 31                                 | 36" ROADWAY PIPE (CLASS 3 R.C.), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527             | 670 | LF |  | \$0.00     |
| 32                                 | 36" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 528 | LF |  | \$0.00     |
| 33                                 | 42" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 41  | LF |  | \$0.00     |
| 34                                 | 48" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 40  | LF |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                                                         |     |    |  | 11/20/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                         |     |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                         |     |    |  |            |
| BID TABULATION                     |                                                                                                                                                         |     |    |  |            |
| 35                                 | 60" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 246 | LF |  | \$0.00     |
| 36                                 | 72" ROADWAY PIPE (CLASS 3 R.C.) IN ROCK CUT, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527  | 48  | LF |  | \$0.00     |
| 37                                 | 22"X13" ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527         | 55  | LF |  | \$0.00     |
| 38                                 | 36"X22"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 176 | LF |  | \$0.00     |
| 39                                 | 59"X36"ROADWAY PIPE (CLASS 3 R.C.) , COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527          | 322 | LF |  | \$0.00     |
| 40                                 | 15" ROADWAY PIPE (CLASS 3 R.C.) (STACK PIPE), COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #527 | 9   | LF |  | \$0.00     |
| 41                                 | MOBILIZATION Road Only (SEE SCHEDULE)                                                                                                                   | 1   | LS |  | \$0.00     |
| 42                                 | RIGHT OF WAY MARKERS (PROPERTY PINS)                                                                                                                    | 51  | EA |  | \$0.00     |



| ATTACHMENT "A3"                    |                                                                                                                                   |        |     | 11/20/2018 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|-----|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                   |        |     |            |
| Project No. 65-14-RD07             |                                                                                                                                   |        |     |            |
| BID TABULATION                     |                                                                                                                                   |        |     |            |
| 43                                 | FURNISHING TYPE 2 FIELD OFFICE, To Include (Water, Electric, Sewage, Cleaning) for project duration and site prep and restoration | 1      | EA  | \$0.00     |
| 44                                 | 8" UNDERDRAIN PIPE (AS DIRECTED BY THE ENGINEER)                                                                                  | 10,000 | LF  | \$0.00     |
| 45                                 | ONSITE ROCK PLACED AS LOOSE RIPRAP, CLASS 2                                                                                       | 1,500  | TON | \$0.00     |
| 46                                 | FILTER BLANKET, GEOTEXTILE (NON-WOVEN)                                                                                            | 2,600  | SY  | \$0.00     |
| 47                                 | 6" FIBER REINFORCED CONCRETE SLOPE PAVING TO INCLUDE 4" STONE LEVELING LAYER, FORMING, FINISHING AND PROTECTING)                  | 30,000 | SY  | \$0.00     |
| 48                                 | CONCRETE SIDEWALK, 4" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 4,800  | SY  | \$0.00     |
| 49                                 | CONCRETE DRIVEWAY, 6" THICK (INCLUDES LEVELING COURSE, FORMING, ALL JOINTS AND FINISHING)                                         | 150    | SY  | \$0.00     |
| 50                                 | 18" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 6      | EA  | \$0.00     |
| 51                                 | 30" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 2      | EA  | \$0.00     |
| 52                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 1                                                                                           | 1      | EA  | \$0.00     |
| 53                                 | 36" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 2      | EA  | \$0.00     |
| 54                                 | 42" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$0.00     |
| 55                                 | 48" ROADWAY PIPE END TREATMENT, CLASS 2, W/GRATE                                                                                  | 1      | EA  | \$0.00     |



| ATTACHMENT "A3"                    |                                                                                                                                                                    |    |    |  | 11/20/2018 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                    |    |    |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                    |    |    |  |            |
| BID TABULATION                     |                                                                                                                                                                    |    |    |  |            |
| 65                                 | 18" DIAMETER .125" THICK CARBON STEEL SANITARY SEWER CASING SLEEVE WITH S.S. SPACERS                                                                               | 50 | LF |  | \$0.00     |
| 66                                 | SANITARY SEWER TESTING (TVI AND VACUUM)                                                                                                                            | 1  | LS |  | \$0.00     |
| 67                                 | JUNCTION BOX, SMALL (15" TO 30" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 6  | EA |  | \$0.00     |
| 68                                 | JUNCTION BOX, LARGE (36" TO 72" PIPES), TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 12 | EA |  | \$0.00     |
| 69                                 | JUNCTION BOX, SPECIAL, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                  | 2  | EA |  | \$0.00     |
| 70                                 | JUNCTION BOX CONVERSION, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                | 3  | EA |  | \$0.00     |
| 71                                 | INLETS, TYPE E, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 63 | EA |  | \$0.00     |
| 72                                 | INLETS, TYPE E1, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                         | 7  | EA |  | \$0.00     |
| 73                                 | INLETS, TYPE C, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 13 | EA |  | \$0.00     |



| ATTACHMENT "A3"                    |                                                                                                                                                                     |       |    |  |  | 11/20/2018 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|--|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                     |       |    |  |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                     |       |    |  |  |            |
| BID TABULATION                     |                                                                                                                                                                     |       |    |  |  |            |
| 74                                 | INLETS, TYPE CD, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA |  |  | \$0.00     |
| 75                                 | INLETS, TYPE IJ, COMPLETE IN-PLACE TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL                                                                          | 1     | EA |  |  | \$0.00     |
| 76                                 | "S" TYPE INLET, SINGLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 29    | EA |  |  | \$0.00     |
| 77                                 | "S" TYPE INLET, DOUBLE WING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                              | 4     | EA |  |  | \$0.00     |
| 78                                 | S' TYPE INLET, DOUBLE WING, REPLACE TOP, TRAFFIC BEARING, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621 | 2     | EA |  |  | \$0.00     |
| 79                                 | OPEN THROAT INLET, COMPLETE IN PLACE, TO INCLUDE EXCAVATION, STONE BEDDING AND STONE BACKFILL, PER C.O.H. SPECIFICATION #621                                        | 6     | EA |  |  | \$0.00     |
| 80                                 | STILLING BASINS, TYPE 6, COMPLETE IN PLACE                                                                                                                          | 1     | LS |  |  | \$0.00     |
| 81                                 | CONCRETE GUTTER (MODIFIED)                                                                                                                                          | 140   | LF |  |  | \$0.00     |
| 82                                 | 24" COMBINATION CURB & GUTTER, TYPE C (MODIFIED)                                                                                                                    | 6,730 | LF |  |  | \$0.00     |
| 83                                 | CONCRETE MEDIAN OR SAFETY BARRIER, TYPE CSF 42                                                                                                                      | 3,204 | LF |  |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                              |        |      |  | 11/20/2018 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                              |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                              |        |      |  |            |
| BID TABULATION                     |                                                                                                                              |        |      |  |            |
| 84                                 | CONCRETE MEDIAN OR SAFETY BARRIER END SECTION (TYPE TES) COMPLETE IN PLACE TO INCLUDE FOOTINGS FOUNDATIONS AND APPURTENANCES | 2      | EA   |  | \$0.00     |
| 85                                 | STEEL BEAM GUARDRAIL, CLASS A, TYPE 1                                                                                        | 15,000 | LF   |  | \$0.00     |
| 86                                 | GUARDRAIL END ANCHOR, TYPE 10 SERIES                                                                                         | 3      | EA   |  | \$0.00     |
| 87                                 | GUARDRAIL END ANCHOR, TYPE 8 SERIES                                                                                          | 13     | EA   |  | \$0.00     |
| 88                                 | GUARDRAIL END ANCHOR, TYPE 20 SERIES                                                                                         | 11     | EA   |  | \$0.00     |
| 89                                 | TOPSOIL Contractor Provided (measured in loose triaxle loads 14 CY)                                                          | 5,000  | CY   |  | \$0.00     |
| 90                                 | SEEDING (ALDOT YEAR ROUND MIX)                                                                                               | 8      | ACRE |  | \$0.00     |
| 91                                 | MOWING                                                                                                                       | 40     | ACRE |  | \$0.00     |
| 92                                 | SOLID SODDING (ALL Types)                                                                                                    | 15,000 | SY   |  | \$0.00     |
| 93                                 | MULCHING                                                                                                                     | 16     | ACRE |  | \$0.00     |
| 94                                 | HYDRO-SEEDING & MULCHING (MIX 1E)                                                                                            | 5,000  | SY   |  | \$0.00     |
| 95                                 | HAY BALES                                                                                                                    | 100    | EA   |  | \$0.00     |
| 96                                 | SAND BAGS                                                                                                                    | 1,000  | EA   |  | \$0.00     |
| 97                                 | EROSION CONTROL CHECK DAMS, TYPE II, INSTALL, MAINTAIN AND REMOVE                                                            | 13     | EA   |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                       |        |      |  | 11/20/2018 |
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| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                       |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                       |        |      |  |            |
| BID TABULATION                     |                                                                                                       |        |      |  |            |
| 98                                 | TEMPORARY EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT S150 OR APPROVED EQUAL | 1,000  | SY   |  | \$0.00     |
| 99                                 | PERMANENT EROSION CONTROL LINING, NORTH AMERICAN GREEN EROSION CONTROL PRODUCT C350 OR APPROVED EQUAL | 2,000  | SY   |  | \$0.00     |
| 100                                | TEMPORARY RIPRAP CLASS 2                                                                              | 100    | TON  |  | \$0.00     |
| 101                                | SILT FENCE, TYPE A                                                                                    | 17,500 | LF   |  | \$0.00     |
| 102                                | SILT FENCE REMOVAL                                                                                    | 17,500 | LF   |  | \$0.00     |
| 103                                | INLET PROTECTION, STAGE 3 OR 4                                                                        | 147    | EA   |  | \$0.00     |
| 104                                | 20 INCH WATTLE                                                                                        | 2,353  | LF   |  | \$0.00     |
| 105                                | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                 | 6      | MILE |  | \$0.00     |
| 106                                | BROKEN WHITE, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                               | 7      | MILE |  | \$0.00     |
| 107                                | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (4" WIDE)                                                | 7      | MILE |  | \$0.00     |
| 108                                | BROKEN YELLOW, CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                              | 1      | MILE |  | \$0.00     |
| 109                                | DOTTED CLASS 2, TYPE A, TRAFFIC STRIPE (4" WIDE)                                                      | 1,200  | LF   |  | \$0.00     |



| ATTACHMENT "A3"                    |                                                                                                                                            |        |      |  | 11/20/2018 |
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| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                            |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                                            |        |      |  |            |
| BID TABULATION                     |                                                                                                                                            |        |      |  |            |
| 110                                | BROKEN TEMPORARY TRAFFIC STRIPE                                                                                                            | 5      | MILE |  | \$0.00     |
| 111                                | SOLID TEMPORARY TRAFFIC STRIPE                                                                                                             | 25     | MILE |  | \$0.00     |
| 112                                | SOLID TRAFFIC STRIPE REMOVED                                                                                                               | 41,700 | LF   |  | \$0.00     |
| 113                                | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A                                                                                                  | 3,000  | SF   |  | \$0.00     |
| 114                                | TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A                                                                                                   | 210    | SF   |  | \$0.00     |
| 115                                | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS AND LEGENDS                                                                                   | 3,000  | SF   |  | \$0.00     |
| 116                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C                                                                                                      | 500    | EA   |  | \$0.00     |
| 117                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-A                                                                                                      | 350    | EA   |  | \$0.00     |
| 118                                | PAVEMENT MARKERS, CLASS A-H, TYPE 1-B                                                                                                      | 350    | EA   |  | \$0.00     |
| 119                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D                                                                                                      | 140    | EA   |  | \$0.00     |
| 120                                | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E                                                                                                      | 100    | EA   |  | \$0.00     |
| 121                                | 705A-023 PAVEMENT MARKERS, CLASS C, TYPE 2-D                                                                                               | 1,000  | EA   |  | \$0.00     |
| 122                                | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.080" THICK OR STEEL FLAT SIGN PANELS 14 GAUGE (HIP SHEETING) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS | 200    | SF   |  | \$0.00     |
| 123                                | ROADWAY SIGN POST (#3 / FT "U" CHANNEL GALVANIZED STEEL) HUNTSVILLE TRAFFIC ENGINEERING STANDARDS                                          | 450    | LF   |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                               |        |      |  | 11/20/2018 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|------|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                               |        |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                               |        |      |  |            |
| BID TABULATION                     |                                                                                                                               |        |      |  |            |
| 124                                | VEHICULAR IMPACT ATTENUATOR ASSEMBLY TL-3 - COMPLETE IN PLACE TO INCLUDE FOUNDATIONS AND FOOTINGS AND ALL INCIDENTALS         | 2      | EA   |  | \$0.00     |
| 125                                | PORTABLE CONCRETE SAFETY BARRIERS, TYPE 6 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                          | 10,000 | LF   |  | \$0.00     |
| 126                                | PORTABLE IMPACT ATTENUATOR (IF NEEDED CONTRACTOR RETAINED)                                                                    | 4      | EACH |  | \$0.00     |
| 127                                | CONSTRUCTION SIGNS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,000  | SF   |  | \$0.00     |
| 128                                | CHANNELIZING DRUMS (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                                                 | 1,500  | EA   |  | \$0.00     |
| 129                                | BARRICADES, TYPE III                                                                                                          | 50     | EA   |  | \$0.00     |
| 130                                | WARNING LIGHTS, TYPE B (DETACHABLE)                                                                                           | 50     | EA   |  | \$0.00     |
| 131                                | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                    | 6      | EA   |  | \$0.00     |
| 132                                | PORTABLE CHANGEABLE MESSAGE SIGN, ALDOT TYPE 2 (MAINTAINED THROUGHOUT CONSTRUCTION - CONTRACTOR RETAINED)                     | 10     | EA   |  | \$0.00     |
| 133                                | SHOTCRETE, 6 INCHES THICK WITH WELDED WIRE REINFORCING AND ANCHORS (CONTRACTOR TO PROVIDE DESIGN STAMPED BY ALABAMA ENGINEER) | 12,000 | SF   |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  | 11/20/2018 |
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| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| Project No. 65-14-RD07             |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| BID TABULATION                     |                                                                                                                                                                                                                                                                                                                                                                                                |       |      |  |            |
| 134                                | MINOR STRUCTURE CONCRETE, COMPLETE IN-PLACE (AS DIRECTED BY THE ENGINEER FOR STEEL REINFORCED CONCRETE PIPE COLLARS) RESTEEL INCIDENTAL TO CONCRETE                                                                                                                                                                                                                                            | 200   | CY   |  | \$0.00     |
| 135                                | SCORING BITUMINOUS PAVEMENT BY CUTTING                                                                                                                                                                                                                                                                                                                                                         | 12    | MILE |  | \$0.00     |
| 136                                | TEMPORARY TRAFFIC SIGNALS AT DONEGAL AND OLD BIG COVE INTERSECTIONS TO INCLUDE: INSTALLATION, MAINTENANCE, ADJUSTMENT AND REMOVAL - COMPLETE IN PLACE. LUMP SUM PAYMENT FOR PROVIDING TEMPORARY SIGNALIZATION FOR 2 LANES OF TRAFFIC (1 EASTBOUND LANE AND 1 WESTBOUND LANE) BEGINNING AT THE COMPLETION OF PHASE 1 AND ENDING AFTER THE PERMANENT SIGNALS ARE ACCEPTED BY TRAFFIC ENGINEERING | 1     | LS   |  | \$0.00     |
| 137                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Donegal)                                                                                                                                                                                                                                                                                                                           | 1     | LS   |  | \$0.00     |
| 138                                | REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS (Cecil Ashburn and Old Big Cove)                                                                                                                                                                                                                                                                                                                      | 1     | LS   |  | \$0.00     |
| 139                                | CONDUIT, PVC, SCHEDULE 40, 2 INCH STREET LIGHTS (ALL ROADWAY CROSSINGS REQUIRE STONE BACKFILL INCIDENTAL TO CONDUIT)                                                                                                                                                                                                                                                                           | 1,500 | LF   |  | \$0.00     |
| 140                                | 4" HDPE ELECTRICAL CONDUIT, 1 LINE, DIRECTIONAL BORE                                                                                                                                                                                                                                                                                                                                           | 100   | LF   |  | \$0.00     |



| ATTACHMENT "A3"                    |                                                                                        |       |    |  | 11/20/2018 |
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| CECIL ASHBURN DRIVE WIDENING-REBID |                                                                                        |       |    |  |            |
| Project No. 65-14-RD07             |                                                                                        |       |    |  |            |
| BID TABULATION                     |                                                                                        |       |    |  |            |
| 141                                | INSTALL CITY OF HUNTSVILLE FURNISHED STREET LIGHT<br>FIXTURE AND POLE                  | 8     | EA |  | \$0.00     |
| 142                                | STREET LIGHT PEDESTALS (QUAZITE TIER 15 OR APPROVED<br>EQUAL)                          | 8     | EA |  | \$0.00     |
| 143                                | LIGHT POLE BASES, REINFORCED CONCRETE (HUNTSVILLE<br>UTILITIES STANDARD 3' DIA. X 10') | 8     | EA |  | \$0.00     |
| 144                                | #2 TRIPLEX 600V CONDUCTOR STREET LIGHT                                                 | 1,000 | LF |  | \$0.00     |
| TOTAL BASE BID                     |                                                                                        |       |    |  | \$0.00     |
| Option No. 1 TRAFFIC SIGNALS       |                                                                                        |       |    |  |            |
| 1-1                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT<br>(DONEGAL DRIVE SE)                   | 1     | LS |  | \$0.00     |
| 1-2                                | FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (OLD<br>BIG COVE ROAD)                  | 1     | LS |  | \$0.00     |
| 1-3                                | RADAR DETECTION SYSTEM (DONEGAL DRIVE SE)                                              | 1     | LS |  | \$0.00     |
| 1-4                                | RADAR DETECTION SYSTEM (OLD BIG COVE ROAD SE)                                          | 1     | LS |  | \$0.00     |
| 1-5                                | METAL TRAFFIC SIGNAL POLE FOUNDATION                                                   | 4     | EA |  | \$0.00     |

| ATTACHMENT "A3"                    |                                                         |       |    |  | 11/20/2018 |
|------------------------------------|---------------------------------------------------------|-------|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID |                                                         |       |    |  |            |
| Project No. 65-14-RD07             |                                                         |       |    |  |            |
| BID TABULATION                     |                                                         |       |    |  |            |
| 1-6                                | METAL TRAFFIC SIGNAL POLE WITH 60' MAST ARM ASSEMBLY    | 4     | EA |  | \$0.00     |
| 1-7                                | METAL TRAFFIC SIGNAL STRAIN POLE PEDESTAL               | 2     | EA |  | \$0.00     |
| 1-8                                | TRAFFIC SIGNAL JUNCTION BOX                             | 8     | EA |  | \$0.00     |
| 1-9                                | 1", NON-METALLIC, CONDUIT                               | 200   | LF |  | \$0.00     |
| 1-10                               | 2", NON-METALLIC, CONDUIT                               | 1,030 | LF |  | \$0.00     |
| 1-11                               | 3", NON-METALLIC, CONDUIT                               | 490   | LF |  | \$0.00     |
| 1-12                               | LUMINAIRE EXTENSION ASSEMBLY                            | 5     | EA |  | \$0.00     |
| 1-13                               | VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED     | 8     | EA |  | \$0.00     |
| 1-14                               | VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED     | 5     | EA |  | \$0.00     |
| 1-15                               | PEDESTRIAN SIGNAL HEAD, TYPE LED                        | 6     | EA |  | \$0.00     |
| 1-16                               | CONTROLLER ASSEMBLY, TYPE III, 8 PHASE                  | 1     | EA |  | \$0.00     |
| 1-17                               | 8 INCH ELECTRICAL CONDUIT, 3 LINES, TYPE 5 INSTALLATION | 360   | LF |  | \$0.00     |
| 1-18                               | MOBILIZATION                                            | 1     | LS |  | \$0.00     |
| TOTAL Option No. 1                 |                                                         |       |    |  | \$0.00     |

| ATTACHMENT "A3"                                            |                                                     |        |    | 11/20/2018 |
|------------------------------------------------------------|-----------------------------------------------------|--------|----|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID                         |                                                     |        |    |            |
| Project No. 65-14-RD07                                     |                                                     |        |    |            |
| BID TABULATION                                             |                                                     |        |    |            |
| Option No. 2 HUNTSVILLE UTILITIES 16" WATER MAIN EXTENSION |                                                     |        |    |            |
| 2-1                                                        | MOBILIZATION/DEMOLITION                             | 1      | LS | \$0.00     |
| 2-2                                                        | GEOMETRIC CONTROLS                                  | 1      | LS | \$0.00     |
| 2-3                                                        | 12" RJ DUCTILE IRON PIPE, CL350 (INSTALLATION ONLY) | 1,020  | FT | \$0.00     |
| 2-4                                                        | PIPE, PVC, 4 (INSTALLATION ONLY)                    | 20     | FT | \$0.00     |
| 2-5                                                        | PIPE, TYT, DI, 6, CL350 (INSTALLATION ONLY)         | 147    | FT | \$0.00     |
| 2-6                                                        | PIPE, TYT, DI, 10, CL350 (INSTALLATION ONLY)        | 33     | FT | \$0.00     |
| 2-7                                                        | PIPE, TYT, DI, 12, CL350 (INSTALLATION ONLY)        | 14,183 | FT | \$0.00     |
| 2-8                                                        | PIPE, TYT, DI, 18, CL350 (INSTALLATION ONLY)        | 1,323  | FT | \$0.00     |
| 2-9                                                        | VALVE, GATE, MJ, 6 (INSTALLATION ONLY)              | 5      | EA | \$0.00     |
| 2-10                                                       | VALVE, GATE, MJ, 12 (INSTALLATION ONLY)             | 12     | EA | \$0.00     |
| 2-11                                                       | VALVE, RELIEF, AIR, 1 (INSTALLATION ONLY)           | 1      | EA | \$0.00     |
| 2-12                                                       | VALVE, RELIEF, AIR&VAC, 2 (INSTALLATION ONLY)       | 1      | EA | \$0.00     |
| 2-13                                                       | 12" CHECK VALVE ASSEMBLY (INSTALLATION ONLY)        | 1      | EA | \$0.00     |
| 2-14                                                       | VALVE, BUTTERFLY, MJ, 18 (INSTALLATION ONLY)        | 2      | EA | \$0.00     |



| ATTACHMENT "A3"                               |                                               |   |    |  | 11/20/2018 |
|-----------------------------------------------|-----------------------------------------------|---|----|--|------------|
| CECIL ASHBURN DRIVE WIDENING-REBID            |                                               |   |    |  |            |
| Project No. 65-14-RD07                        |                                               |   |    |  |            |
| BID TABULATION                                |                                               |   |    |  |            |
| 2-15                                          | 10" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00     |
| 2-16                                          | 18" LINE TAPPING ASSEMBLY (INSTALLATION ONLY) | 1 | EA |  | \$0.00     |
| 2-17                                          | REDUCER, MJ, DI, 18 x 12 (INSTALLATION ONLY)  | 1 | EA |  | \$0.00     |
| 2-18                                          | ELL, 90, MJ, DI, 18 (INSTALLATION ONLY)       | 1 | EA |  | \$0.00     |
| 2-19                                          | TEE, MJ, DI, 18x12 (INSTALLATION ONLY)        | 2 | EA |  | \$0.00     |
| 2-20                                          | TEE, MJ, DI, 18x6 (INSTALLATION ONLY)         | 2 | EA |  | \$0.00     |
| 2-21                                          | PLUG, MJ, DI, 18" (INSTALLATION ONLY)         | 1 | EA |  | \$0.00     |
| 2-22                                          | FIRE HYDRANT ASSEMBLY (INSTALLATION ONLY)     | 3 | EA |  | \$0.00     |
| 2-23                                          | RELOCATE SERVICE LINES (INSTALLATION ONLY)    | 6 | EA |  | \$0.00     |
| TOTAL Option No. 2                            |                                               |   |    |  | \$0.00     |
| Option No. 3 HUNTSVILLE UTILITIES FIBER OPTIC |                                               |   |    |  |            |
| 3-1                                           | MOBILIZATION/DEMOLITION                       | 1 | LS |  | \$0.00     |
| 3-2                                           | GEOMETRIC CONTROLS                            | 1 | LS |  | \$0.00     |

| ATTACHMENT "A3"                                                                                                                                                                                             |                                                                                                     |        |    | 11/20/2018 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------|----|------------|
| <b>CECIL ASHBURN DRIVE WIDENING-REBID</b><br><b>Project No. 65-14-RD07</b>                                                                                                                                  |                                                                                                     |        |    |            |
| <b>BID TABULATION</b>                                                                                                                                                                                       |                                                                                                     |        |    |            |
| 3-3                                                                                                                                                                                                         | (2) - 3" HDPE COMMUNICATION CONDUITS (INSTALL ONLY),<br>SHARED TRENCH Complete in Place See Details | 15,840 | FT | \$0.00     |
| 3-4                                                                                                                                                                                                         | 4' DIA. PRE-CAST MANHOLE WITH TRAFFIC RATED<br>COMMUNICATION COVER                                  | 30     | EA | \$0.00     |
| 3-5                                                                                                                                                                                                         | MANDREL TESTING AND PULL STRING INSTALLATION                                                        | 31,680 | FT | \$0.00     |
| TOTAL Option No. 3                                                                                                                                                                                          |                                                                                                     |        |    | \$0.00     |
| TOTAL BID (BASE BID + OPTION No. 1 + OPTION 2 + OPTION 3)                                                                                                                                                   |                                                                                                     |        |    | \$0.00     |
| <b>ALL ITEMS SHALL BE CONSIDERED IN-PLACE. PRICES SHALL<br/>         INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND<br/>         REMOVALS AS REQUIRED FOR CONSTRUCTION OF THE<br/>         REQUIRED WORK.</b> |                                                                                                     |        |    |            |
| <b>COMPANY</b> _____<br><b>SIGNATURE</b> _____<br><b>DATE</b> _____                                                                                                                                         |                                                                                                     |        |    |            |

## **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 Carcel & G Construction, L.L.C., in the amount of EIGHTEEN MILLION FOUR HUNDRED THREE THOUSAND FOUR HUNDRED SEVENTY AND NO /100 DOLLARS (\$18,403,470.00), for Cecil Ashburn Drive Widening-REBID, Base Bid and Option #2, Project No. 65-14-RD07, which is being submitted to the City Council of the City of Huntsville for approval on this the 6th day of December, 2018, 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."

### **Representation Pursuant to Code of Alabama) § 41-16-5 (b)**

By signing this contract, Carcel & G Construction, L.L.C., represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

\_\_\_\_\_  
Carcel & G Construction, L.L.C.  
(Company)

\_\_\_\_\_  
BY:  
(Authorized Representative)