



Huntsville, Alabama

305 Fountain Circle
Huntsville, AL 35801

Cover Memo

Meeting Type: City Council Regular Meeting **Meeting Date:** 5/14/2026

File ID: TMP-6833

Department: Water Pollution Control

Subject:

Type of Action: Approval/Action

Resolution authorizing the Mayor to enter into a Contract between the City of Huntsville and the apparent low bidder, REV Construction, Inc., for Chase Trunkline Rehabilitation, Project No. 71-26-SP07.

Resolution No.

Finance Information:

Account Number: 3080-71-00000-527006-00000000

City Cost Amount: \$2,210,300.00

Total Cost: \$2,210,300.00

Special Circumstances:

Grant Funded: N/A

Grant Title - CFDA or granting Agency: N/A

Resolution #: N/A

Location: (list below)

Address: N/A

District: District 1 District 2 District 3 District 4 District 5

Additional Comments:

Contract with REV Construction for the replacement of existing 24-inch to 27-inch VCP sanitary sewer main with proposed 24-inch HDPE pipe or 24" DIP.

RESOLUTION NO. 26-

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 apparent low bidder, REV Construction, Inc., in the amount of TWO MILLION TWO HUNDRED TEN THOUSAND THREE HUNDRED AND NO/100 DOLLARS (\$2,210,300.00) for Chase Trunkline Rehabilitation, Project No. 71-26-SP07, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said Contract is substantially in words and figures similar to that document attached hereto and identified as "Contract between the City of Huntsville and REV Construction, Inc., for Chase Trunkline Rehabilitation, Project No. 71-26-SP07," consisting of a total of one (1) page plus eighty-nine (89) additional pages consisting of Attachments A1-M, 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 May 14, 2026, 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 14th day of May, 2026.

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

APPROVED this the 14th day of May, 2026.

Mayor of the City of Huntsville,
Alabama

**CONTRACT BETWEEN CITY OF HUNTSVILLE, ALABAMA
AND
REV CONSTRUCTION, INC.
FOR
CHASE TRUNKLINE REHABILITATION
PROJECT NO. 71-26-SP07**

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

THIS CONTRACT, made and entered into this 14th day of May, 2026, between the CITY OF HUNTSVILLE, ALABAMA, a Municipal Corporation, sometimes referred to herein as City, and REV CONSTRUCTION, INC., sometimes referred to herein as Contractor.

**-WITNESSETH-**

WHEREAS, the City desires to install, construct or make certain improvements known as Chase Trunkline Rehabilitation, Project No. 71-26-SP07, 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 "A1".

BY:

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

\_\_\_\_\_  
REV Construction, Inc.

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

\_\_\_\_\_  
Shaundrika Edwards  
City Clerk

\_\_\_\_\_  
City Council President

DATE: May 14, 2026

**CHASE TRUNKLINE REHABILITATION**  
**PROJECT NUMBER 71-26-SP07**

**CITY OF HUNTSVILLE, ALABAMA**

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4/28/2026

ATTACHMENT "A1"

City of Huntsville  
 Chase Trunkline Rehabilitation  
 Project No. 71-26-SP07

BASE BID

| Item # | Description                                                                                                             | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|-------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
|        | All prices include the removal and disposal, including hauling of soil and materials and possible 24-hour notification. |         |          |            |            |
| 1      | CONTRACT MOBILIZATION                                                                                                   | 1       | LS       |            | \$0.00     |
| 2      | PIPE BURSTING - INSTALL 24" HDPE PIPE REPLACING EXISTING 24"-27" PIPE (MATERIAL AND INSTALLATION)                       | 6,700   | LF       |            | \$0.00     |
| 3      | 48" INSIDE DIAMETER MANHOLE REHAB, 10'-12' DEPTH                                                                        | 12      | EA       |            | \$0.00     |
| 4      | 48" INSIDE DIAMETER MANHOLE REHAB, 12'-15' DEPTH                                                                        | 7       | EA       |            | \$0.00     |
| 5      | NEW PIPE CONNECTION TO EXISTING MANHOLE, INCLUDING LATERAL                                                              | 34      | EA       |            | \$0.00     |
| 6      | FORM AND POUR CONCRETE MANHOLE INVERT                                                                                   | 34      | EA       |            | \$0.00     |

**TOTAL BASE BID PRICE** (For evaluation purposes only.): Basis of payment will be determined by multiplying the measured in-place quantities determined in the field by the contract bid unit prices.

**\$0.00**

4/28/2026

ATTACHMENT "A1"

City of Huntsville  
 Chase Trunkline Rehabilitation  
 Project No. 71-26-SP07

BASE BID

| Alternate No. 1 (Open Cut)   |                                                                                                     |       |    |              |                       |
|------------------------------|-----------------------------------------------------------------------------------------------------|-------|----|--------------|-----------------------|
| 1-1                          | CONTRACT MOBILIZATION                                                                               | 1     | LS | \$110,000.00 | \$110,000.00          |
| 1-2                          | 24" DUCTILE IRON PIPE, 8'-10' DEPTH                                                                 | 100   | LF | \$282.00     | \$28,200.00           |
| 1-3                          | 24" DUCTILE IRON PIPE, 10'-12' DEPTH                                                                | 5,000 | LF | \$288.00     | \$1,440,000.00        |
| 1-4                          | 24" DUCTILE IRON PIPE, 12'-15' DEPTH                                                                | 1,600 | LF | \$295.00     | \$472,000.00          |
| 1-5                          | REPLACE 48" INSIDE DIAMETER MANHOLE, 10'-12' DEPTH (TO INCLUDE CONNECTING PIPE AND POURING INVERTS) | 12    | EA | \$7,800.00   | \$93,600.00           |
| 1-6                          | REPLACE 48" INSIDE DIAMETER MANHOLE, 12'-15' DEPTH (TO INCLUDE CONNECTING PIPE AND POURING INVERTS) | 7     | EA | \$9,500.00   | \$66,500.00           |
| <b>TOTAL Alternate No. 1</b> |                                                                                                     |       |    |              | <b>\$2,210,300.00</b> |

4/28/2026

ATTACHMENT "A1"

City of Huntsville  
Chase Trunkline Rehabilitation  
Project No. 71-26-SP07

BASE BID

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  
SIGNATURE  
DATE

RED Construction  
*[Signature]*  
4/29/2024

NOTES:

1. All items in Alternate No. 1 shall be alternates for all items in the Base Bid. The Owner reserves the right to decide if the proposed work shall be done according to the base or alternate bid items.
2. The unit prices listed shall include all labor and materials necessary to complete the item in place as depicted in the Drawings and Specifications.
3. Any work called for in the plans for which there is no explicit bid item shall be considered subsidiary to the various bid items included.
4. Total Alternate No. 1 shall be the summation of items 1-1, 1-2, 1-3, 1-4, 1-5, & 1-6.
5. To be considered responsive, the bidder must fill out the entirety of the bid schedule for EITHER the Base Bid OR the Alternate No. 1.

## ATTACHMENT "B"

PROPOSAL

TO: THE CITY OF HUNTSVILLE

City Hall  
305 Fountain Circle  
Huntsville, Alabama

PROPOSAL OF REV Construction Inc  
(NAME)  
5801 Grover Burchfield Dr. Tuscaloosa, Al 35401  
(ADDRESS)

TO MAKE CERTAIN IMPROVEMENTS ENTITLED:

**CHASE TRUNKLINE REHABILITATION  
PROJECT # 71-26-SP07**

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 thumb/flash drive 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 thumb/flash drive in any manner. If a price discrepancy is found on the thumb/flash drive, or the correct version of bid quantities is not submitted on the thumb/flash drive 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 forty-five (45) calendar days.



ATTACHMENT "C"

CHASE TRUNKLINE REHABILITATION  
PROJECT # 71-26-SP07

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.

| <u>ADDENDUM NO.</u> | <u>DATE RECEIVED/DOWNLOADED FROM WEBSITE (if applicable)</u> |
|---------------------|--------------------------------------------------------------|
| 1                   | 4/16/24                                                      |
| 2                   | 4/21/24                                                      |
| 3                   | 4/22/24                                                      |
|                     |                                                              |
|                     |                                                              |

COMPANY REV Construction Inc

SIGNATURE [Signature]

TITLE Vice President

DATE 4/29/2024

**ATTACHMENT "D"**

**CHASE TRUNKLINE REHABILITATION  
PROJECT # 71-26-SP07**

**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                                    |                           |                    |                |                                         |
| Storm Drainage                              |                           |                    |                |                                         |
| Sanitary Sewer                              |                           |                    |                |                                         |
| Shoring/Monitoring                          |                           |                    |                |                                         |
| Retaining Walls                             |                           |                    |                |                                         |
| Bridges                                     |                           |                    |                |                                         |
| Railroads                                   |                           |                    |                |                                         |
| Traffic (signals, loops)                    |                           |                    |                |                                         |
| Street Lights                               |                           |                    |                |                                         |
| Electrical                                  |                           |                    |                |                                         |
| Water                                       |                           |                    |                |                                         |
| Asphalt                                     |                           |                    |                |                                         |
| Landscaping (Trees, grassing)               |                           |                    |                |                                         |
| Irrigation                                  |                           |                    |                |                                         |
| Striping                                    |                           |                    |                |                                         |
| Sewer Testing                               |                           |                    |                |                                         |
| Guardrails                                  |                           |                    |                |                                         |
| Handrails                                   |                           |                    |                |                                         |
| Painting                                    |                           |                    |                |                                         |
| Special (fencing, benches, dewatering etc.) |                           |                    |                |                                         |
| Mechanical                                  |                           |                    |                |                                         |
| SCADA                                       |                           |                    |                |                                         |
| Other                                       |                           |                    |                |                                         |

NONE

ATTACHMENT "E"

CHASE TRUNKLINE REHABILITATION  
PROJECT # 71-26-SP07

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. Please see attached.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
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**CONSTRUCTION PROJECT REFERENCE**

PROJECT NAME: Cox Creek Interceptor Sewer  
 OWNER: The City of Florence, Alabama  
 OWNER'S ADDRESS: 110 W College St, Florence AL, 35630  
 OWNER CONTACT:  
 OWNER TELEPHONE No:  
 ARCHITECT: Engineers of the South  
 ARCHITECT'S ADDRESS: 2143 Arlington Blvd, Florence AL, 35630  
 ARCHITECT CONTACT: Will Glenn  
 ARCHITECT TELEPHONE #: 256-766-9430  
 REV PROJECT MANAGER: Roland Pugh  
 CONTRACT BID AMOUNT: \$3,392,860.00  
 FINAL CONTRACT AMOUNT: N/A  
 FUNDING SOURCE: SRF  
 CONTRACT START DATE: 3/30/2022  
 CONTRACT END DATE: 10/24/2022 (Behind due to Material Delays)  
 CONTRACT TIME INCLUDING CHANGE ORDERS: 210 Calendar Days  
 PERCENT COMPLETE: 100%  
 CONTRACT TIME: 210 Calendar Days  
 PERCENTAGE OF WORK TO BE PERFORMED BY OWN FORCES: 86%  
 DESCRIPTION OF WORK PERFORMED:

Project includes 5,300' 30" Hobas Gravity Sewer, 1,100' of 36" Hobas Gravity Sewer up to 20' deep all laid along side and under Cox Creek, requiring significant creek bank restoration. Also includes 110' of 48" Jack and Bore for a road crossing, and 110' of 48" Jack and Bore for a Railroad Crossing. This is a remove and replace job so it will require an extensive bypass system and significant groundwater pumping system.

**There are no claims, disputes, or litigations by or against the contractor for this project.**

**CONSTRUCTION PROJECT REFERENCE**

PROJECT NAME: Multiple Sewer Pump Stations (19 Pumps Stations, 6 Separate Projects)  
 OWNER: Jefferson County Environmental Services  
 ARCHITECT: Hazen and Sawyer  
 ARCHITECT'S ADDRESS: Two Chase Corporate Drive, Suite 170, Birmingham, AL, 35244  
 ARCHITECT CONTACT: Tad Powell  
 ENGINEER TELEPHONE #: 205-547-5960  
 REV PROJECT MANAGER: Roland Pugh  
 CONTRACT BID AMOUNT: see below  
 PERCENT COMPLETE: in Progress  
 DESCRIPTION OF WORK PERFORMED:

Five separate Pump stations projects for Jefferson County, AL. A total of (17) Sewer Pump stations.

\$4,388,841 – (5) Sewer Pump Stations – Ashville, Dennison, Walker, Brighton, Oakwood (completion May 2025)

\$5,000,000 – (4) Sewer Pumpstations – Bessemer Hospital, Vail, Tin Mill, Wenonah (Completion June 2025)

\$3,097,500 – (3) Sewer Pump Stations - Jefferson Memorial, Summit, Moss (Completion August 2025)

\$7,736,455 – Buc'ee's Sewer Pump station – poured in place Pump Station, 3,610 LF of 24" DIP Gravity, 5,030 LF of 12" HDPE Force Main (Completion August 2025)

\$5,425,750 – (3) Sewer Pump Stations – Adamsville, Cheswood, Med Center East - Construction 2026

\$5,212,700 – (3) Sewer Pump Stations – Bham Racecourse, Gadsden, KMArt, Wylam – Construction 2026

Other Pump station projects can be provided should the Engineer/Owner request.

**CONSTRUCTION PROJECT REFERENCE**

PROJECT NAME: 2020 AMP01 Powder Plant Road- I-459 Pump Station Elimination  
OWNER: Jefferson County Environmental Services Department  
OWNER TELEPHONE No: 205-325-5496  
ENGINEER: Hazen & Sawyer  
ENGINEER CONTACT: Braian Champion  
ENGINEER TELEPHONE #: 205-547-5960  
REV CONTACT: Joiner Pugh  
REV PHONE: 205-349-1860  
CONTRACT BID AMOUNT: 5,300,922.00  
CONTRACT DATE: June 5, 2024  
PERCENT COMPLETE: 100 %  
PERCENTAGE OF WORK TO BE PERFORMED BY OWN FORCES: 100%  
DESCRIPTION OF WORK PERFORMED:  
5,293 LF 36" DIP

**There are no claims, disputes, or litigations by or against the contractor for this project.**

## ATTACHMENT "F"

**MANDATORY** Pre-bid meeting to be held on Wednesday, April 15, 2026, at 10:00 am, at City Hall, on the 6th Floor in Training Room 624, located at 305 Fountain Circle, Huntsville, AL 35801. Bidders must attend this pre-bid meeting to be eligible to submit a bid.

NOTICE TO CONTRACTORS

**WANTED:** Sealed bids in duplicate for the construction of: Chase Trunkline Rehabilitation, more particularly known as Project No. 71-26-SP07.

Description of Project: Replacement of existing 24-inch to 27-inch VCP sanitary sewer main with proposed 24-inch HDPE pipe or 24" DIP.

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 Chase Trunkline Rehabilitation, more particularly known as Project No. 71-26-SP07 requires the contractor to possess a State of Alabama Classification of (MU) Municipal & 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 City Hall, 305 Fountain Circle, on the 6th Floor, in Training Room 624, on the 23rd day of April, 2026, until 10:00:00 a.m. Bids may be sent via Air Courier, Delivery or Messenger Service, mailed by United States Postal Service, or hand delivered to Attention: Engineering Procurement and Contracts Coordinator, to the City of Huntsville City Hall, 305 Fountain Circle, Huntsville, AL 35801. Delivery by any of these means must be received before 5:00 p.m. CST on the day prior to the bid opening. After 5:00 p.m. CST on the day prior to the date of the bid opening, bids must be hand delivered and presented at the bid opening. All bids received after 10:00:00 a.m. CST on the noted bid date will be returned unopened.

Each bid shall be accompanied by an original signed, dated and sealed Bid Bond in the amount of not less than five percent (5%) of the total shown on the schedule of prices, but not exceeding \$10,000.00. Quantities are known as Attachment "A". No bidder may withdraw his bid within ninety (90) days after the actual date of opening.

These Addenda, Special Provisions, Plans, the Supplement to General Requirements for Construction of Public Improvements City of Huntsville Specifications, Standard Specifications for Construction of Public Improvements Contract Projects and all supplementary documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complimentary and to describe and provide for a complete work. 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: <https://www.huntsvilleal.gov/business/bid-a-project/rfp/>. 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 a thumb/flash drive (preferably in a live/flash drive format) in the Excel format. The thumb/flash drive (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 thumb/flash drive in any manner. If a price discrepancy is found on the thumb/flash drive, or the correct version of bid quantities is not submitted on the thumb/flash drive, 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 REV Construction (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: Vice President  
 (Signature of authorized individual) "

Advertise Date: April 8, 2026

**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 \_\_\_\_\_ CONTRACT DAYS REMAINING 0  
TIME C.O. # 3 \_\_\_\_\_

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

LIQUIDATED DAMAGES PER DAY 200

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

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

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

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

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.

A: % OF TIME ELAPSED: TIME ELAPSED TO DATE \_\_\_\_\_ DAYS =  
TOTAL CONTRACT TIME (3) 0 DAYS

B: PROJECT COMPLETION: TOTAL EARNED TO DATE (2) \_\_\_\_\_ = #DIV/0!  
TOTAL CONTRACT AMOUNT \_\_\_\_\_

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 allowed on all prior estimates and if requested to do so, we will show evidence of payment for the same in writing before the final payment of this estimate. We further certify (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): \_\_\_\_\_
- 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>000-242-543 Alabama               |
| <input type="checkbox"/> Other, please explain:                          | Number & State (if a filing entity under state law): |

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

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

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

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

Type or legibly write name: Joiner Pugh Date: 4/29/2026

## THE E-VERIFY MEMORANDUM OF UNDERSTANDING FOR EMPLOYERS

### ARTICLE I PURPOSE AND AUTHORITY

The parties to this agreement are the Department of Homeland Security (DHS) and the REV CONSTRUCTION (Employer). The purpose of this agreement is to set forth terms and conditions which the Employer will follow while participating in E-Verify.

E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of Form I-9, Employment Eligibility Verification (Form I-9). This Memorandum of Understanding (MOU) explains certain features of the E-Verify program and describes specific responsibilities of the Employer, the Social Security Administration (SSA), and DHS.

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). The Federal Acquisition Regulation (FAR) Subpart 22.18, "Employment Eligibility Verification" and Executive Order 12989, as amended, provide authority for Federal contractors and subcontractors (Federal contractor) to use E-Verify to verify the employment eligibility of certain employees working on Federal contracts.

### ARTICLE II RESPONSIBILITIES

#### A. RESPONSIBILITIES OF THE EMPLOYER

1. The Employer agrees to display the following 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:
  - a. Notice of E-Verify Participation
  - b. Notice of Right to Work
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 about E-Verify. The Employer also agrees to keep such information current by providing updated information to SSA and DHS whenever the representatives' contact information changes.
3. The Employer agrees to grant E-Verify access only to current employees who need E-Verify access. Employers must promptly terminate an employee's E-Verify access if the employer is separated from the company or no longer needs access to E-Verify.



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4. The Employer agrees to become familiar with and comply with the most recent version of the E-Verify User Manual.
  5. The Employer agrees that any Employer Representative who will create E-Verify cases will complete the E-Verify Tutorial before that individual creates any cases.
    - a. The Employer agrees that all Employer representatives will take the refresher tutorials when prompted by E-Verify in order to continue using E-Verify. Failure to complete a refresher tutorial will prevent the Employer Representative from continued use of E-Verify.
  6. The Employer agrees to comply with current Form I-9 procedures, with two exceptions:
    - a. 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.
    - b. If an employee presents a DHS Form I-551 (Permanent Resident Card), Form I-766 (Employment Authorization Document), or U.S. Passport or Passport Card to complete Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The Employer will use the photocopy to verify the photo and to assist DHS with its review of photo mismatches that employees contest. DHS may in the future designate other documents that activate the photo screening tool.
- Note: Subject only to the exceptions noted previously in this paragraph, employees still retain the right to present any List A, or List B and List C, document(s) to complete the Form I-9.
7. 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.
  8. The Employer agrees that, although it participates in E-Verify, the Employer has a 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.
    - a. The following modified requirements are the only exceptions to an Employer's obligation to not employ unauthorized workers and comply with the anti-discrimination provision of the INA: (1) List B identity documents must have photos, as described in paragraph 6 above; (2) When an Employer confirms the identity and employment eligibility of newly hired employee using E-Verify procedures, the Employer establishes a rebuttable presumption that it has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of that employee; (3) If the Employer receives a final nonconfirmation for an employee, but continues to employ that person, the Employer must notify DHS and the Employer 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) If the Employer continues to employ an employee after receiving a final nonconfirmation, then the Employer is subject to a rebuttable presumption that it has knowingly



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employed an unauthorized alien in violation of section 274A(a)(1)(A); and (5) no E-Verify participant is civilly or criminally liable under any law for any action taken in good faith based on information provided through the E-Verify.

b. DHS reserves the right to conduct Form I-9 compliance inspections, as well as any other enforcement or compliance activity authorized by law, including site visits, to ensure proper use of E-Verify.

9. The Employer is strictly prohibited from creating an E-Verify case before the employee has been hired, meaning that a firm offer of employment was extended and accepted and Form I-9 was completed. The Employer agrees to create an E-Verify case for new employees within three Employer business days after each employee has been hired (after both Sections 1 and 2 of Form I-9 have been completed), and to complete as many steps of the E-Verify process as are necessary according to the E-Verify User Manual. If E-Verify is temporarily unavailable, the three-day time period will be 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.

10. The Employer agrees not to use E-Verify for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use that this MOU or the E-Verify User Manual does not authorize.

11. The Employer must use E-Verify for all new employees. The Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. Employers who are Federal contractors may qualify for exceptions to this requirement as described in Article II.B of this MOU.

12. The Employer agrees to follow appropriate procedures (see Article III below) regarding tentative nonconfirmations. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending. Further, when employees contest a tentative nonconfirmation based upon a photo mismatch, the Employer must take additional steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

13. 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 mismatch, does not establish, and should not be interpreted as, evidence that the employee is not work authorized. In any of such cases, 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



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(including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, withholding pay, refusing to assign the employee to a Federal contract or other assignment, or otherwise assuming 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 mismatch 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 (customer service) or 1-888-897-7781 (worker hotline).

14. 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, employment eligibility verification, or recruitment or referral practices because of his or her national origin or citizenship status, or by committing discriminatory documentary practices. 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 immigration-related unfair 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-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).

15. The Employer agrees that it will use the information it receives from E-Verify 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.

16. The Employer agrees to notify DHS immediately in the event of a breach of personal information. Breaches are defined as loss of control or unauthorized access to E-Verify personal data. All suspected or confirmed breaches should be reported by calling 1-888-464-4218 or via email at [E-Verify@dhs.gov](mailto:E-Verify@dhs.gov). Please use "Privacy Incident – Password" in the subject line of your email when sending a breach report to E-Verify.

17. The Employer acknowledges that the information 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)). 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.

18. The Employer agrees to cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, which includes permitting DHS, SSA, their contractors and other agents, upon



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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 prompt and accurate manner to DHS requests for information relating to their participation in E-Verify.

19. The Employer shall not make any false or unauthorized claims or references about its participation in E-Verify on its website, in advertising materials, or other media. The Employer shall not describe its services as federally-approved, federally-certified, or federally-recognized, or use language with a similar intent on its website or other materials provided to the public. Entering into this MOU does not mean that E-Verify endorses or authorizes your E-Verify services and any claim to that effect is false.

20. The Employer shall not state in its website or other public documents that any language used therein has been provided or approved by DHS, USCIS or the Verification Division, without first obtaining the prior written consent of DHS.

21. The Employer agrees that E-Verify trademarks and logos may be used only under license by DHS/USCIS (see [M-795 \(Web\)](#)) and, other than pursuant to the specific terms of such license, may not be used in any manner that might imply that the Employer's services, products, websites, or publications are sponsored by, endorsed by, licensed by, or affiliated with DHS, USCIS, or E-Verify.

22. The Employer understands that if it uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its participation in E-Verify according to this MOU.

## **B. RESPONSIBILITIES OF FEDERAL CONTRACTORS**

1. If the Employer is a Federal contractor with the FAR E-Verify clause subject to the employment verification terms in Subpart 22.18 of the FAR, it will become familiar with and comply with the most current version of the E-Verify User Manual for Federal Contractors as well as the E-Verify Supplemental Guide for Federal Contractors.

2. In addition to the responsibilities of every employer outlined in this MOU, the Employer understands that if it is a Federal contractor subject to the employment verification terms in Subpart 22.18 of the FAR it must verify the employment eligibility of any "employee assigned to the contract" (as defined in FAR 22.1801). Once an employee has been verified through E-Verify by the Employer, the Employer may not create a second case for the employee through E-Verify.

a. An Employer that is not enrolled in E-Verify as a Federal contractor at the time of a contract award must enroll as a Federal contractor in the E-Verify program within 30 calendar days of contract award and, within 90 days of enrollment, begin to verify employment eligibility of new hires using E-Verify. The Employer must verify those employees who are working in the United States, whether or not they are assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within three business days after the hire date. Once enrolled in E-Verify as a Federal contractor, the Employer must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.



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b. Employers enrolled in E-Verify as a Federal contractor for 90 days or more at the time of a contract award must use E-Verify to begin 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 three business days after the date of hire. If the Employer is enrolled in E-Verify as a Federal contractor 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 three business days after the date of hire. An Employer enrolled as a Federal contractor in E-Verify must begin 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.

c. Federal contractors 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 under a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. Employers in this category must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Upon enrollment, Employers who are Federal contractors 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 those employees assigned to a covered Federal contract. After enrollment, Employers must elect to verify existing staff following DHS procedures and begin E-Verify verification of all existing employees within 180 days after the election.

e. The Employer may use a previously completed Form I-9 as the basis for creating an E-Verify case for an employee assigned to a contract as long as:

i. That Form I-9 is complete (including the SSN) and complies with Article II.A.6,

ii. The employee's work authorization has not expired, and

iii. The Employer has reviewed the Form I-9 information either in person or in communications with the employee to ensure that the employee's Section 1, Form I-9 attestation has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen).

f. The Employer shall complete a new Form I-9 consistent with Article II.A.6 or update the previous Form I-9 to provide the necessary information if:

i. The Employer cannot determine that Form I-9 complies with Article II.A.6,

ii. The employee's basis for work authorization as attested in Section 1 has expired or changed, or

iii. The Form I-9 contains no SSN or is otherwise incomplete.

Note: If Section 1 of Form I-9 is otherwise valid and up-to-date and the form otherwise complies with

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Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired after completing Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.A.5, subject to any additional or superseding instructions that may be provided on this subject in the E-Verify User Manual.

g. The Employer agrees not 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 based on this Article.

3. The Employer understands that if it is a Federal contractor, 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.

### C. RESPONSIBILITIES OF SSA

1. SSA agrees to allow DHS to compare data provided by the Employer against SSA's database. SSA sends DHS confirmation that the data sent either matches or does not match the information in SSA's database.

2. SSA agrees to safeguard the information the Employer provides through E-Verify procedures. SSA also agrees to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security numbers or responsible for evaluation of E-Verify or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

3. SSA agrees to provide case results from its database within three Federal Government work days of the initial inquiry. E-Verify provides the information to the Employer.

4. SSA agrees to update SSA records as necessary if the employee who contests the SSA tentative nonconfirmation visits an SSA field office and provides the required evidence. If the employee visits an SSA field office within the eight Federal Government work days from the date of referral to SSA, SSA agrees to update SSA records, if appropriate, within the eight-day period unless SSA determines that more than eight days may be necessary. In such cases, SSA will provide additional instructions to the employee. If the employee does not visit SSA in the time allowed, E-Verify may provide a final nonconfirmation to the employer.

Note: If an Employer experiences technical problems, or has a policy question, the employer should contact E-Verify at 1-888-464-4218.

### D. RESPONSIBILITIES OF DHS

1. DHS agrees to provide the Employer with selected data from DHS databases to enable the Employer to conduct, to the extent authorized by this MOU:

a. Automated verification checks on alien employees by electronic means, and



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- b. Photo verification checks (when available) on employees.
2. DHS agrees to assist the Employer with operational problems associated with the Employer's participation in E-Verify. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.
3. DHS agrees to provide to the Employer with access to E-Verify training materials as well as an E-Verify User Manual that contain instructions on E-Verify policies, procedures, and requirements for both SSA and DHS, including restrictions on the use of E-Verify.
4. DHS agrees to train Employers on all important changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify User Manual. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials.
5. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in E-Verify. 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.
6. DHS agrees to issue each of the Employer's E-Verify users a unique user identification number and password that permits them to log in to E-Verify.
7. DHS agrees to safeguard the information the Employer provides, and to limit access to such information to individuals responsible for the verification process, for evaluation of E-Verify, 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 INA and Federal criminal laws, and to administer Federal contracting requirements.
8. DHS agrees to provide a means of automated verification that provides (in conjunction with SSA verification procedures) confirmation or tentative nonconfirmation of employees' employment eligibility within three Federal Government work days of the initial inquiry.
9. DHS agrees to provide a means of secondary verification (including updating DHS records) for employees who contest DHS tentative nonconfirmations and photo mismatch tentative nonconfirmations. This provides 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.

### 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 E-Verify. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify



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case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. After a tentative nonconfirmation, the Employer will refer employees to SSA field offices only as directed by E-Verify. The Employer must record the case verification number, review the employee information submitted to E-Verify to identify any errors, and find out whether the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security number, or any other corrected employee information that SSA requests, to SSA for verification again if this review indicates a need to do so.

4. The Employer will instruct the employee to visit an SSA office within eight 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 determines that more than 10 days is necessary.

5. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

6. The Employer agrees not to ask the employee to obtain a printout from the Social Security Administration number database (the Numident) or other written verification of the SSN from the SSA.

## **B. REFERRAL TO DHS**

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will instruct the



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employee to contact DHS through its toll-free hotline (as found on the referral letter) within eight Federal Government work days.

5. If the Employer finds a photo mismatch, the Employer must provide the photo mismatch tentative nonconfirmation notice and follow the instructions outlined in paragraph 1 of this section for tentative nonconfirmations, generally.
6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo mismatch, the Employer will send a copy of the employee's Form I-551, Form I-766, U.S. Passport, or passport card to DHS for review by:
  - a. Scanning and uploading the document, or
  - b. Sending a photocopy of the document by express mail (furnished and paid for by the employer).
7. The Employer understands that if it cannot determine whether there is a photo match/mismatch, the Employer must forward the employee's documentation to DHS as described in the preceding paragraph. The Employer agrees to resolve the case as specified by the DHS representative who will determine the photo match or mismatch.
8. 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.
9. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

## **ARTICLE IV SERVICE PROVISIONS**

### **A. NO SERVICE FEES**

1. 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 MODIFICATION AND TERMINATION**

### **A. MODIFICATION**

1. This MOU is effective upon the signature of all parties and shall continue in effect for as long as the SSA and DHS operates the E-Verify program unless modified in writing by the mutual consent of all parties.
2. Any and all E-Verify system enhancements by DHS or SSA, including but not limited to E-Verify checking against additional data sources and instituting new verification policies or procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes.



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## B. TERMINATION

1. The Employer may terminate this MOU and its participation in E-Verify at any time upon 30 days prior written notice to the other parties.

2. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU, and thereby the Employer's participation in E-Verify, with or without notice at any time 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 E-Verify procedures and/or legal requirements. The Employer understands that if it is a Federal contractor, termination of this MOU by any party for any reason may negatively affect the performance of its contractual responsibilities. Similarly, the Employer understands that if it is in a state where E-Verify is mandatory, termination of this by any party MOU may negatively affect the Employer's business.

3. An Employer that is a Federal contractor may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such cases, the Federal contractor must provide written notice to DHS. If an Employer that is a Federal contractor fails to provide such notice, then that Employer will remain an E-Verify participant, will remain bound by the terms of this MOU that apply to non-Federal contractor participants, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.

4. The Employer agrees that E-Verify is not liable for any losses, financial or otherwise, if the Employer is terminated from E-Verify.

## ARTICLE VI PARTIES

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

B. 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.

C. The Employer may not assign, directly or indirectly, whether by operation of law, change of control or merger, all or any part of its rights or obligations under this MOU without the prior written consent of DHS, which consent shall not be unreasonably withheld or delayed. Any attempt to sublicense, assign, or transfer any of the rights, duties, or obligations herein is void.

D. 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.

E. The Employer understands that 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,



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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).

F. The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively. The Employer understands that any inaccurate statement, representation, data or other information provided to DHS may subject the Employer, its subcontractors, its employees, or its representatives to: (1) prosecution for false statements pursuant to 18 U.S.C. 1001 and/or; (2) immediate termination of its MOU and/or; (3) possible debarment or suspension.

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

**To be accepted as an E-Verify participant, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 1-888-464-4218.**



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**Approved by:**

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| <b>Employer</b><br>REV CONSTRUCTION                            |                    |
| Name (Please Type or Print)<br>GRADY PUGH                      | Title              |
| Signature<br>Electronically Signed                             | Date<br>03/21/2012 |
| <b>Department of Homeland Security – Verification Division</b> |                    |
| Name (Please Type or Print)<br>USCIS Verification Division     | Title              |
| Signature<br>Electronically Signed                             | Date<br>03/21/2012 |



Company ID Number: 523878

| Information Required for the E-Verify Program       |                                                      |
|-----------------------------------------------------|------------------------------------------------------|
| <b>Information relating to your Company:</b>        |                                                      |
| Company Name                                        | REV CONSTRUCTION                                     |
| Company Facility Address                            | 5801 Grover Burchfield Drive<br>TUSCALOOSA, AL 35401 |
| Company Alternate Address                           |                                                      |
| County or Parish                                    | TUSCALOOSA                                           |
| Employer Identification Number                      | 203124251                                            |
| North American Industry Classification Systems Code | 238                                                  |
| Parent Company                                      |                                                      |
| Number of Employees                                 | 20 to 99                                             |
| Number of Sites Verified for                        | 1                                                    |



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Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:

ALABAMA

1 site(s)



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

Name GRADY PUGH  
Phone Number (205) 349 - 1860  
Fax Number  
Email Address klearn@revconstructioninc.com

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ATTACHMENT "J"

"In accordance with Alabama Act 2016-312 as adopted and approved on May 5, 2016, on behalf of REV Construction Inc (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.



A handwritten signature in black ink, appearing to be 'J. R.', is written over a horizontal line.

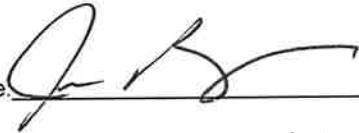
Title: Vice President  
(Signature of authorized individual) "

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): Joiner Pugh \_\_\_\_\_

Title: Vice President \_\_\_\_\_

Date of Certification (mm/dd/yyyy): 4/29/2026 \_\_\_\_\_

**ATTACHMENT "L"**

**TRACER WIRE SPECIFICATION**

Open-Trench Installation: direct burial #12 AWG Solid (0.0808" diameter), steel core soft drawn tracer wire, 250# average tensile break load, 30 mil high molecular-high density polyethylene jacket complying with ASTM-D-1248, 30 volt rating.

Directional Bore or Jacked Installation: direct burial #12 AWG Solid (0.0808" diameter), steel core hard drawn extra high strength horizontal directional drill tracer wire, 1150# average tensile break load, 45 mil high molecular-high density polyethylene jacket complying with ASTM-D-1248, 30 volt rating.

**ATTACHMENT "M"**

Relating to public contracts; to amend Section 39-3-4, Code of Alabama 1975, to provide requirements for the use of iron produced within the United States for certain public works projects under certain conditions.

BE IT ENACTED BY THE LEGISLATURE OF ALABAMA:

Section 1. Section 39-3-4, Code of Alabama 1975, is amended to read as follows: "§39-3-4 (a) Any contractor for a public works project, financed entirely by the State of Alabama or any political subdivision thereof, within this state shall use iron or steel produced within the United States when specifications in the construction contract require the use of iron or steel and do not limit its supply to a sole source under subsection (f) of Section 39-2-2. If the awarding authority decides that the procurement of the—above mentioned' domestic iron or steel products becomes impractical as a result of a national emergency, national strike, or other cause, the awarding authority shall waive the above restriction.

(b) In the event the contractor violates the domestic iron or steel requirements of subsection (a), and domestic iron or steel is not used, there shall be a downward adjustment in the contract price equal to any realized savings or benefits to the contractor."

**SUPPLEMENT TO GENERAL REQUIREMENTS  
FOR  
CONSTRUCTION OF PUBLIC IMPROVEMENTS  
CHASE TRUNKLINE REHABILITATION  
PROJECT # 71-26-SP07  
CITY OF HUNTSVILLE, ALABAMA**

## SUPPLEMENT TO GENERAL REQUIREMENTS

### 1. GENERAL

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

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

Separate sealed bids for the construction of this project shall be accompanied by Bid Bond in the amount of five percent (5%) of the amount of the bid not to exceed \$10,000.00. Quantities are known as Attachment "A". No bidder may withdraw his bid within ninety (90) days after the actual date of opening. 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 Training Room 624 on the 6th Floor at 305 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. Proposals that are mailed should be sent to the attention of: Engineering Procurement & Contracts Coordinator, Engineering Department, 305 Fountain Circle, Huntsville, AL 35801 and must be received prior to bid opening date and time stated in the Notice to Contractors (Attachment F).

(F) The City will not be responsible in the event the U.S. Postal Service or any other courier system fails to deliver the bid response to the City's Engineering Department office by 10:00:00 AM local time deadline stated in the bid request. Any bid received after the opening date and time will not be considered. All bids must be in OWNER or his/her representative's possession by 10:00:00 AM CST on the scheduled bid opening date. Bid packets will be date and time stamped upon receipt by Engineering Department.

### **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 40 for Correction to City of Huntsville Standards Specifications for Construction.

**7. BID BOND**

Accompanying this proposal is a certified check or original signed, dated and sealed bid bond in the amount of not less than

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

**8. N/A**

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

The Contractor shall provide and maintain comprehensive general public liability insurance protecting the Contractor and the City against claims arising out of or resulting from the Contractor's operation under his contract for personal injury or property damage with minimum combined single limits of \$2,000,000, whether such operations are performed by himself, or by anyone directly or indirectly employed by them. Liability is not necessarily limited to the minimum amounts of insurance required herein, especially where other insurance coverage is available. 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. 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: Mary Ridgeway.

**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. A sample copy of the invoice is attached as Attachment "G". Two originals and two copies of the invoices are required before payment will be made. The originals and copies should be submitted each month 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 to 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 Liability  
Personal Injury and Advertising Injury  
Explosion, Collapse and Underground Hazards (X.C. and U)  
Broad Form Property Damage Liability  
Severability of Interests  
Waiver of Subrogation  
Per Project Aggregate Limits

2. Professional Liability

N/A

3. Railroad's Protective Bodily Injury Liability and Property Damage Liability Insurance

In any case where contract involves work within fifty (50) feet of a railroad right-of-way, the contractor shall carry insurance for himself and insurance in the name of the Railroad Company in the amounts and under the terms specified in the special provisions for each contract.

4. 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. Waiver of subrogation to be included.

5. 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. Coverage shall include Waivers of subrogation to be included.

6. Employers Liability Insurance

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

7. Owner's, Contractors Protective Liability

Insurance naming the City of Huntsville as the named insured.

8. Property Insurance

Builders Risk Coverage, Special Form (including earthquake, sinkhole, and flood unless waived by the City of Huntsville) with a limit of no less than 100% of the completed value. The City of Huntsville and the Contractor should be Named Insured as their interests may appear in improvements, repairs, and additions. The coverage should extend to all materials relative to the Work wherever located and in transit. The deductible shall not exceed \$10,000 per occurrence and shall be borne by the contractor. Higher deductibles for earthquake, sinkhole, and flood may be approved by the City of Huntsville on a case-by-case basis.

**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 |
| \$2,000,000 | Personal and Advertising Injury           |
| \$2,000,000 | Each Occurrence                           |

2. Professional Liability

N/A

3. Railroads Protective

\$500,000

4. Automobile Liability

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

5. Worker's Compensation

As required by the State of Alabama Statute. Coverage shall include waivers of subrogation in favor of the Owner.

6. Employers Liability

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

7. Owner's, Contractors, Protective:

\$1,000,000 Per Occurrence  
\$1,000,000 Aggregate

8. Property Insurance

Limit equal to the completed value of the construction or renovation.

9. Umbrella (Excess) Liability Insurance:

- a. For projects or contract values in excess of \$5,000,000, Umbrella or Excess Liability Insurance is required in an amount of \$5,000,000 per occurrence and \$5,000,000 aggregate.
- b. For projects or contract values in excess of \$10,000,000, Umbrella or Excess Liability Insurance is required in an amount of \$10,000,000 per occurrence and \$10,000,000 aggregate.

**C. OTHER INSURANCE PROVISIONS**

The City 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 City prior to the City'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 City, its elected and appointed officials, 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 for products used by and completed operations of the Contractor, or automobiles owned, leased, hired or borrowed by the Contractor. Additional insured status shall be through ISO Additional Endorsement CG 20 10 11 85 or equivalent that is sufficient to provide the coverage required by this Agreement.

b. The Contractor's insurance coverage shall be primary insurance as respects the City, its elected and appointed officials, employees, agents, and specified volunteers, as their interest may appear. Any insurance or self-insurance maintained by the City, 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 City. Cancellation of coverage for non-payment of premium will require ten (10) days' written notice to the City.

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

**D. ACCEPTABILITY OF INSURERS**

Insurance is to be placed with insurers qualified to do business in the State of Alabama with an A. M. Best's rating of no less than A – 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.

**F. SUBCONTRACTORS WORKING FOR GENERAL CONTRACTOR, OR ARCHITECTS, 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, hold harmless, and defend 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, caused by, arising out of or resulting from or in connection with the performance of the work, provided that any such claim, costs, 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 there from and (2) is caused by, in whole or in part, any active or passive negligent act or omission of the contractor, architect, engineer, land surveyor or consulting firm, or any of their subcontractors, sub consultants, 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. Professional Liability**

The Contractor 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 agents and their officers, representatives, 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 Contractor or any of their sub-consultants directly or indirectly employed by them or anyone directly or indirectly employed by them or anyone for whose acts they are legally liable.

**3. Indemnity**

In claims against any person or entity indemnified under this Paragraph by an employee of the Contractor, any one directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this Paragraph shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

**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 acceptance. 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 three (3) 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 newspaper of general circulation published within the city or county in which the work has been done. 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, 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 MicroStation .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 US Survey Feet, no sub-units, and 1000 positional units. All data submitted shall use NAD83(2011) datum for horizontal control and NAVD88 (based upon latest Geoid) for vertical control. Since these surveys originate and terminate at points with datum adjusted Alabama State Plane Coordinates, all computed coordinates shall be datum adjusted NAD83(2011) Alabama State Plane Coordinates, U.S. Survey Foot, East Zone.

**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<br>15- feet |
|-------------------------------------------|

|                                                           |
|-----------------------------------------------------------|
| At 100-foot intervals along<br>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<br>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 final 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 final 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

Urban Development Department  
Engineering Division

## CHASE TRUNKLINE REHABILITATION

Project No. 71-26-SP07

April 16, 2026

### Addendum #1

#### RESPONSE TO CONTRACTOR QUESTIONS:

- Q: Following the pre-bid, I wanted to reach out and see if there is an engineer's estimate or project budget, you're able to share?
- A: We are not willing to share the Engineer Estimate nor Project Budget at this time.
- Q: Will there be an addendum released soon clarifying the project duration?
- A: Project Duration will be addressed in addendum once all questions have been asked, and before the deadline for answers.

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/engineering/bidlist](http://www.huntsvilleal.gov/engineering/bidlist). 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: Pre-Bid Minutes

END OF ADDENDUM #1

The Star of Alabama

# PRE-BID MEETING

## MINUTES

PROJECT NAME: Chase Trunkline Rehabilitation

PROJECT NUMBER: 71-26-SP07

DATE: April 15, 2026

PROJECT ENGINEER: Chase Marshall

PROJECT INSPECTOR: N/A

|                   |                             |
|-------------------|-----------------------------|
| Dale Dockins      | John Plott                  |
| Kevin Hill        | LTS                         |
| Colby Yadacus     | Grayson Carter & Son        |
| Cody Colvin       | Morgan Contracting          |
| Dave McDonald     | REV Construction            |
| Jonathan Leopard  | United Rentals              |
| Evan Howard       | Garney                      |
| Alexander Torres  | United Rentals              |
| Jake Bickel       | United Rentals              |
| Lubin Kruse       | Consolidated Pipe           |
| Shannon Hurt      | Lambert Contracting         |
| Jay Moore         | GCU                         |
| Denise Davis      | GCU                         |
| Jen Cool          | Christopher Contracting     |
| Luke Hogan        | WESCO                       |
| Mason Gonzales    | WESCO                       |
| Matt Beddingfield | WESCO                       |
| Shaun Gonzales    | WESCO                       |
| Rodney Edwards    | WESCO                       |
| Hailey Henderson  | Neel Schaffer               |
| Jason Leggett     | Neel Schaffer               |
| Mary Ridgeway     | COH Engineering             |
| Angela Gurley     | COH Engineering             |
| Brent Brown       | COH Water Pollution Control |

1. Introduction of all persons present
2. Work Description (Project Scope)

Replacement of 6,700 linear feet of existing 24-inch to 27-inch VCP sanitary sewer gravity main with proposed 24-inch HDPE pipe or 24" DIP and lining or replacement of 19 sewer manholes depending on the method.

- Jason said the depth is anywhere from 8' to 15' with 100' of 8' to 10' depth, 5,000' of 10' to 12' depth, and 1,600' of 12' to 15' in depth.
- Jason said 12 of the manholes are 10' to 12' in depth and the remaining 7 manholes are 12' to 15' in depth. Jason said this is detailed on the bid sheet.
- Jason said the pipe that is going across the railroad is not part of the project and does not need to be replaced.

3. Permits (Provide copies of all permits as part of the Contract)
  - a. ADEM (NPDES) – Contractor is responsible for the permits.
  - b. ACOE
  - c. ALDOT
  - d. Railroad Permits
  - e. Utility Permits (i.e. Gas Easements)
4. Right-of-Way
  - a. Status of ROW or easement acquisition
  - b. Property Owner information and notification
  - Jason said the project will be within an existing easement and the contractor will replace what is there. Jason said if it is a dig and replacement, the contractor will replace what is active, so there will be bypass pumping required either way.
5. Conflicting Projects – There are no known conflicts as this project is mostly along farmland on the east side of town and just to the north of Hwy 72.
6. Schedule of Work
  - a. Critical Path
  - b. Need by first payment
  - c. Owner reserves the right to withhold payment if work is more than 25% behind schedule
7. 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
- d. Enforce ADA Standards for ROW construction.
- e. Contractor is responsible for repair and maintenance of any trench cuts with hot mix asphalt.
- f. Schedule for review of shop drawings/material submittals.
- g. State of Alabama License Classification required – (MU) Municipal & Utility
- h. Construction Trailer or As-Builts required
- i. Calendar Days to complete project – 45. There were some questions with the completion within 45 days due to there being an alternate. Jason asked anyone having any specific concerns to please submit them and he would respond.
- j. Council Approval – May 14
- k. Anticipated Notice-to-Proceed – between May 15-May 29

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.

- Jason asked everyone to please pay attention to the section on shop drawings in the documentation that everyone would receive after the meeting because there will be details on how shop drawings will be handled.

#### 8. Bid Sheet (Quantities)

Contractor is required to submit pricing (Attachment “A”) on a thumb/flash drive (preferably in a live/flash drive format) in the Excel format made available for download from the Engineering website. The thumb/flash drive 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 thumb/flash drive in any manner. If a price discrepancy is found on the thumb/flash drive, or the correct version of bid quantities is not submitted on the thumb/flash drive, which corresponds to the printed hard copy, then printed hard copy prices submitted with original bid documents, with Contractor signature, will prevail.

- a. Review each bid item and describe method of payment (Check reference to State Item Numbers referencing State payment methods)
- b. Provide information regarding payment method, i.e. “Payment for unclassified excavation will only be made once for movement of the same material”, “DGB is to be measure for payment based on an in-place area in accordance with ....”
- c. Jason said that this project will have a base bid and an alternate #1 and he would like to see pricing on both laying pipe and pipe bursting. Jason said everything on the base bid will be totaled up and that will be the amount. Jason said the alternate #1, which is the replacement with ductile pipe, and the replacement of the manholes that will also be totaled up and there are notes that describe how that works. Jason said all alternate items are added up plus items one, five, and six in the base bid for a total at the bottom. Jason said this allows the city to look at those options and see which one they want to go with, but the contractor will need to have numbers for everything to have a responsive bid.

#### 9. 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. Two originals and two copies of the invoices are required before payment will be made. The originals and copies should be submitted each month to the Administrative Officer, ATTN: Kerri Bevilacqua, in the Water Pollution

Control 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. Monthly Progress Meetings
  - iii. Red-line As-built required to be maintained by the Contractor and review monthly prior to invoices being submitted.
  - iv. Define Substantial Completion – Project in usable condition for intended purpose
  - v. Liquidated Damages
  - vi. One year warranty period begins upon substantial complete.

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

- Jason said there should not be any need for traffic control.

If in conflict with work, all vehicular and bicycle loop repairs shall be replaced within fourteen (14) calendar days after final paving work.

All permanent striping, markings, raised pavement markers and ceramic markers for guidance shall be replaced within thirty (30) calendar days after final paving work.

Lane closures are only allowed in off-peak hours unless otherwise approved by project engineer.

Contractor is responsible for maintaining roadway drainage and preventing ponding of water within the construction limits throughout the duration of the project.

11. Subcontractors

Any subcontractors present were given the opportunity to ask questions or discuss items with which they are concerned. The Prime Contractor should be advised that no work by a subcontractor will be permitted unless approved by contract or in writing. 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.

- Jason said if a subcontractor is used, there will be information in the addendum, and he asked everyone to please pay attention to how the subcontractor agreements work.

12. 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.

13. Questions?

Q: Question asked about budget restraints and criteria for determining the method of work.

A: Jason said that there are no set guidelines, but it will be evaluated to see which method is preferred.

Q: Question asked if there is an obvious preference in advance.

A: Jason said it will probably be based on what the numbers show, but there could be other factors.

Q: Question asked if the awarded contractor will be based on the base bid or the combination of the base bid and alternate.

A: Jason said once the bids are received it will be evaluated.

Q: Question asked if there were handouts for the agenda.

A: Jason said no, everything discussed will be in the minutes.

Q: Question asked if there is an HOA involved.

A: Jason said no.

Q: Question asked what the expected start date would be.

A: Jason said late May to early June.

Q: Question asked what the plan is for getting the bypass pump around Norfolk Southern's Right-of-Way.

A: Jason said there is a creek and a bridge that the contractor could go under and recommended that everyone go and look at the site

Q: Question asked if there was an address for a site visit.

A: Jason said he did not have an address, but stated there are a few access points that could be looked up but asked that everyone coordinate with the property owners prior to accessing the site.

Q: Question asked if there are any lining requirements for the Ductile Iron pipe.

A: Jason said everyone should refer to the specifications.

Q: Question asked if there is a budget for the project.

A: Jason said he will respond in the addendum.

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 **Friday, April 17, 2026, until 5:00 p.m.** via email to: [mary.ridgeway@huntsvilleal.gov](mailto:mary.ridgeway@huntsvilleal.gov)

Response to contractor questions will be **Tuesday, April 21, 2026, until 5:00 p.m.**

**Bids open: Thursday, April 23, 2026, at 10:00 a.m.** in the **6th Floor Training Room 624**, 305 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

Urban Development Department  
Engineering Division

## CHASE TRUNKLINE REHABILITATION

**Project No. 71-26-SP07**

**April 21, 2026**

### Addendum #2

**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 thumb drive (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 thumb drive 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 thumb drive, or the correct version of bid quantities is not submitted on the thumb drive 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.

**NOTICE OF CHANGES TO PROSPECTIVE BIDDERS:**

1. The contract duration is hereby extended from FORTY-FIVE (45) days to ONE HUNDRED AND EIGHTY (180) days.
2. Prospective bidders are hereby allowed to bid on EITHER the base bid of pipe bursting OR the alternate open cut. The owner reserves the right to take into consideration any and all factors in addition to bid price in determining the successful bidder.

**RESPONSE TO CONTRACTOR QUESTIONS:**

**Q: Addendum #1 in the permit section has the contractor responsible for permits next to the ADEM**

**The Star of Alabama**

permit, will COH be getting the permit with the Railroad to run the bypass pump across their ROW as well as any encroachment on their ROW for 3S1E15008 MH?

**A:** The successful bidder will be responsible for any and all environmental permitting necessary for their work to be compliant throughout the duration of the project. Based on the experience and opinion of the owner and engineer all work can be performed from outside the limits of the railroad right of way. If the bidder deems intrusion onto Norfolk Southern property is necessary for their installation plan, all permitting will be the responsibility of the bidder as ancillary to their own means and methods.

**Q:** The 45 Day project duration is not feasible for the completion of the job will COH be extending the duration to 120 or 160 days? Unless there is some reason that we have to be completed by a certain time, our understanding of the site is work would definitely need to be completed before the winter when the site is wet. Any way that we can get a response on the overall duration as soon as possible?

**A:** See notice above.

**Q:** Any specifications on the job trailer the addendum states is required 7-h? Would COH be supplying utilities to the trailer?

**A:** WPC does not intend to enforce this provision in the specifications. The successful bidder WILL NOT be required to provide a field office.

**Q:** Will there be any detail provided for utilizing the bridge for the bypass pump crossing? ie diameter/type of pipe to run the hose through, mounting said pipe to the bridge (Pipe Strap Detail the railroad would allow).

**A:** No, a bypass plan is to be submitted to WPC and the Engineer for approval. The means and methods the successful bidder employees will not be dictated from the Owner or its agents. Based on the experience and opinion of the owner and engineer all work can be performed from outside the limits of the railroad right of way. If the bidder deems intrusion onto Norfolk Southern property is necessary for their installation plan, all permitting will be the responsibility of the bidder as ancillary to their own means and methods.

**Q:** What is the volume flow of sewer through the existing main, for sizing the bypass pump system?

**A:** The bypass pumping configuration utilized by the successful bidder should accommodate an expected maximum flow of 1600 gpm. The ability of the bypass configuration utilized by the successful bidder must accommodate for any weather related increases in flow. The bypass systems' ability to handle any unexpected increases in flow is the sole responsibility of the contractor.

**Q:** Any temporary easement for the job trailer/material staging for the project? The Drawing index and Project sheets do not show the extent of the current sewer easement to determine where to store material and set up a trailer.

**A:** A project trailer will not be required. The successful bidder must secure their own space for material storage.

**Q:** Would the Easement off the south of Bell Circle be the best way to access the job for construction? Would any gravel access road built during construction need to be removed after completion?

**A:** Access is to be coordinated with WPC. Access to this portion of the project can be gained from Jordan Road. The project is accessible and required access shall be coordinated with property owners by the successful bidder.

**Q: Will the project be awarded based on the lowest Base bid or Alternate?**

**A: See notice above.**

**Q: The 45-day completion period appears to be aggressive for the work required. Can you confirm whether this duration is firm, or if there is flexibility to adjust the schedule to ensure quality and proper completion?**

**A: See notice above.**

**Q: Riprap may be required for erosion control issues along the creek bank. Would you consider adding a line item for Riprap per ton?**

**A: As outlined in the bid documents any required work or materials not explicitly listed in the bid schedule shall be considered subsidiary to the pay items presented. If the bidder feels rip rap is necessary they shall account for the material in one of the present line items. All affected areas shall be restored to pre-project conditions.**

**Q: Can the project duration be extended to 150 days for SC and 180 days for Final? Also, would the city allow a different duration should they chose the open cut option?**

**A: See notice above.**

**Q: Will a railroad permit be required for the installation of the bypass lines under the tracks if we utilize the existing bridge discussed at the Pre-Bid? It appears that all other pipe and manholes are outside of the railroads easement, is this correct?**

**A: Based on the experience and opinion of the owner and engineer all work can be performed from outside the limits of the railroad right of way. If the bidder deems intrusion onto Norfolk Southern property is necessary for their installation plan, all permitting will be the responsibility of the bidder as ancillary to their own means and methods.**

**Q: Specifications require a field office, but is that required for this short of a project?**

**A: No, WPC does not intend to enforce this provision in the specifications. The successful bidder WILL NOT be required to provide a field office.**

**Q: Who is responsible for paying for lost crops? Will the city provide an allowance on the bid form to cover these costs?**

**A: The work to be performed is inside a WPC easement, to which WPC and its agents have unimpeded access. If the successful bidder, during the course of the work, damages to crops on the adjacent private property it will be the responsibility of the contractor. All efforts shall be made by the successful bidder to mitigate any damages to adjacent private property. Damages outside of the WPC easement will be the sole responsibility of the successful bidder.**

**Q: Please clarify if the definition of grand total in terms of the 9% mobilization limit. Will this be based on the base bid, the alternative bid, or the greater value of the two proposals?**

**A: See notice above.**

**Q: Based on the Sheet G-3 of the bid documents, it seems as though the bulk of the access for this project will be facilitated through a bell rd. a residential street. For pricing purposes will the contractor be responsible for any potential replacement of asphalt roadway, concrete curb, or any other property owner stipulations as a result of utilizing this residential street for construction?**

**A: Yes, the successful bidder will be responsible for any repairs resulting from damage to public or private property.**

**Q:** Per addendum No. 1 the railroad crossing is no longer included in this project scope. Will the Schedule of values receive an update to reflect this adjustment in scope? Additionally, will we be provided with the revised end station for this proposed rehabilitation/replacement?

**A:** The railroad crossing was never a part of the project scope. No revisions to the schedule of values or project stationing will be made.

**Q:** The bulk of the proposed alignment is located within an established crop field. Will there be any stipulations requested of the farmers such as saving the top soil, limitations of reseeding due to impact to potential crop yields in the upcoming season and agricultural exemptions to ADEM regulations?

**A:** The project resides inside of a WPC easement with no impediments to access for maintenance and construction. Neither the successful bidder nor WPC will be responsible for accommodations for any lost crops grown on WPC easement.

**Q:** Will the owner allow contractors to solely bid on the alternative scope if they are unable to solicit bids from qualified pipe bursting contractors?

**A:** See notice above.

**Q:** The schedule of values provided mentions 24 hour notice regarding the haul off of excavated spoils, wanted to clarify the intention here. Is the owner expecting to have a representative on site at all times of spoil haul off therefore limiting contractors' flexibility in coordination of trucking?

**A:** No. Hauling of spoils shall be coordinated with property owners.

**Q:** Will City of Huntsville accept Warren Environmental 301-14 100% solids epoxy as an acceptable product for manhole rehabilitation.

**A:** This will be determined in the submittal process.

**Q:** For pricing purposes, can you please provide approximate locations and diameter for the new/existing proposed lateral connections to the Chase Trunk Line?

**A:** There are none known. This line is a main transmission main and does not serve customers directly. It is the responsibility of the contractor to locate all services.

**Q:** Please provide the required Class of 24" Ductile Iron Pipe proposed for the alternative replacement pricing purposes. Additionally requesting any previous CCTV recordings of the existing gravity sewer?

**A:** 250 Class

**Q:** Will the proposed HDPE Pipe be DIPS or IPS classification as the OD of the pipe will potentially impact the means and methods of installation as well as availability of the proposed pipe?

**A:** DIPS

**Q:** Will the contractors be provided with an erosion control plan for pricing purposes of the

alternative proposal or will the design and installation of the proposed Erosion BMP's be solely the responsibility of the contractor?

A: This will be the responsibility of the successful bidder.

Q: For the purposes of pricing the open cut alternative please provide the widths for both temporary and permanent easements to better understand site constraints and any logistical challenges with the proposed scope.

A: No temporary easement has been provided. The successful bidder shall for their own benefit and at their own expense utilize survey services to establish the limits of the existing WPC easement.

Q: Per the shallow creek crossing concrete encasement detail are there any streams within the proposed alignment that would be deemed to have a high vulnerability to erosion by the Engineer of Record?

A: No.

Q: Please provide expected requirements for pump watch provisions given the close proximity of the bypass system to the nearby Chase Creek ecosystem?

A: Per the specifications, all bypassing will require constant monitoring while in use. Bypass shall be the sole responsibility of the contractor.

Q: There are various areas along the alignment showing signs of erosion in close proximity to the streambank that will only be exacerbated by clearing if the proposed alternatives are awarded. Will there be any consideration for adding an additional Schedule of Values line item to capture the cost of streambank stabilization that will be required to stabilize the ground around the replacement pipe segments?

A: As outlined in the bid documents any required work or materials not explicitly listed in the bid schedule shall be considered subsidiary to the pay items presented. If the bidder deems additional erosion control measures necessary they shall account for these materials in one of the present line items.

**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/engineering/bidlist](http://www.huntsvilleal.gov/engineering/bidlist). 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  
Section 01 22 00 Measurement and Payment**

**END OF ADDENDUM #2**

City of Huntsville  
 Chase Trunkline Rehabilitation  
 Project No. 71-26-SP07

BASE BID

| Item # | Description                                                                                                             | BID QTY | BID UNIT | UNIT PRICE | BID AMOUNT |
|--------|-------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|------------|
|        | All prices include the removal and disposal, including hauling of soil and materials and possible 24-hour notification. |         |          |            |            |
| 1      | CONTRACT MOBILIZATION                                                                                                   | 1       | LS       |            | \$0.00     |
| 2      | PIPE BURSTING - INSTALL 24" HDPE PIPE REPLACING EXISTING 24"-27" PIPE (MATERIAL AND INSTALLATION)                       | 6,700   | LF       |            | \$0.00     |
| 3      | 48" INSIDE DIAMETER MANHOLE REHAB, 10'-12' DEPTH                                                                        | 12      | EA       |            | \$0.00     |
| 4      | 48" INSIDE DIAMETER MANHOLE REHAB, 12'-15' DEPTH                                                                        | 7       | EA       |            | \$0.00     |
| 5      | NEW PIPE CONNECTION TO EXISTING MANHOLE, INCLUDING LATERAL                                                              | 34      | EA       |            | \$0.00     |
| 6      | FORM AND POUR CONCRETE MANHOLE INVERT                                                                                   | 34      | EA       |            | \$0.00     |

**TOTAL BASE BID PRICE** (For evaluation purposes only.): Basis of payment will be determined by multiplying the measured in-place quantities determined in the field by the contract bid unit prices.

**\$0.00**

4/21/2026

ATTACHMENT "A1"

City of Huntsville  
 Chase Trunkline Rehabilitation  
 Project No. 71-26-SP07

BASE BID

| Alternate No. 1 (Open Cut)   |                                                                                                     |       |    |  |               |
|------------------------------|-----------------------------------------------------------------------------------------------------|-------|----|--|---------------|
| 1-1                          | CONTRACT MOBILIZATION                                                                               | 1     | LS |  | \$0.00        |
| 1-2                          | 24" DUCTILE IRON PIPE, 8'-10' DEPTH                                                                 | 100   | LF |  | \$0.00        |
| 1-3                          | 24" DUCTILE IRON PIPE, 10'-12' DEPTH                                                                | 5,000 | LF |  | \$0.00        |
| 1-4                          | 24" DUCTILE IRON PIPE, 12'-15' DEPTH                                                                | 1,600 | LF |  | \$0.00        |
| 1-5                          | REPLACE 48" INSIDE DIAMETER MANHOLE, 10'-12' DEPTH (TO INCLUDE CONNECTING PIPE AND POURING INVERTS) | 12    | EA |  | \$0.00        |
| 1-6                          | REPLACE 48" INSIDE DIAMETER MANHOLE, 12'-15' DEPTH (TO INCLUDE CONNECTING PIPE AND POURING INVERTS) | 7     | EA |  | \$0.00        |
| <b>TOTAL Alternate No. 1</b> |                                                                                                     |       |    |  | <b>\$0.00</b> |

4/21/2026

**ATTACHMENT "A1"**

**City of Huntsville  
Chase Trunkline Rehabilitation  
Project No. 71-26-SP07**

**BASE BID**

**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** \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

**DATE** \_\_\_\_\_

**NOTES:**

1. All items in Alternate No. 1 shall be alternates for all items in the Base Bid. The Owner reserves the right to decide if the proposed work shall be done according to the base or alternate bid items.
2. The unit prices listed shall include all labor and materials necessary to complete the item in place as depicted in the Drawings and Specifications.
3. Any work called for in the plans for which there is no explicit bid item shall be considered subsidiary to the various bid items included.
4. Total Alternate No. 1 shall be the summation of items 1-1, 1-2, 1-3, 1-4, 1-5, & 1-6.
5. To be considered responsive, the bidder must fill out the entirety of the bid schedule for EITHER the Base Bid OR the Alternate No. 1.

**SECTION 01 22 00**  
**MEASUREMENT AND PAYMENT**

---

**1.0 GENERAL**

**1.1 THE REQUIREMENT**

- A. The following subsections describe the measurement and payment for Work to be done under the items listed in Attachment A (Bid Proposal). Each lump sum price stated in the Bid Proposal Form shall constitute full compensation for each item of Work completed. The Contractor shall provide all labor, materials, tools, equipment, and services required to complete the Work as specified and shown in the Contract Documents.
- B. Payment for the various items in the Bid Proposal Form, as further specified herein, shall include all compensation to be received by the Contractor for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, supervision, operations, taxes, materials, commissions, transportation and handling, bonds, permit fees, insurance, overhead and profit, and incidentals appurtenant to the items of Work being described, as necessary to fully complete the various items of the Work all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). Such compensation shall also include payment for any loss or damages arising directly or indirectly from the Work.
- C. The Contractor's attention is called to the fact that the quotations for the various items of Work are intended to establish a total price for completing the Work in its entirety. Should the Contractor feel that the cost for any item of Work has not been established by the Bid Items of Attachment A or this Section, he shall include the cost for that Work in some other applicable Bid Item, so that his proposal for the Project does reflect his total price for completing the Work in its entirety.

**1.2 ITEMS OF THE BID PROPOSAL**

- A. The specific areas, pipelines, and manholes where the work described herein and in Attachment A (Bid Proposal) shall be performed by the Contractor is detailed on the Drawings.
- B. Bid Item No. 1 – Mobilization: Payment for Bid Item No. 1 will be made according to the lump sum price in Attachment A (Bid Proposal). The work under Bid Item No. 1 shall include, but not be limited to, any permits, licenses, fees, insurance, bonds, assembling all equipment, materials, tools, etc., and transporting them to and from the work site. The amount for Bid Item No. 1 – Mobilization shall not exceed nine percent of the Grand Total of Bid.
- C. Bid Item No. 2 – Pipe Bursting – Install 24" HDPE Pipe Replacing Existing 24"-27" pipe: Payment for Bid Item No. 2 will be made according to the length of the pipe in linear feet in the Appendix A (Bid Proposal), which shall constitute full payment to provide the items specified in Section 33 01 32 – Pipe Bursting. The Work under Bid Item No. 2 shall also include, but not be limited to, providing all labor, materials, equipment, and tools required, all excavation, dewatering, installation of pipe and other materials, point repair, backfill and compaction, manhole preparation and repairs, asphalt and concrete removal and replacement, bypass pumping, traffic control, grading, landscaping, removal and replacement of fencing and mailboxes, testing, and television inspections to complete the installation as specified. All work shall be in accordance with the Owner's standards and requirements.
- D. Bid Item No. 3 & 4 – 48" Inside Diameter Manhole Rehab 10'-12' & 12'-15' Depth: Payment for Bid Item No. 3 will be made according to the unit price in Appendix A (Bid Proposal), which shall constitute

full payment to provide these items as specified in Division 33. The Work under Bid Item No. 3 & 4 shall also include, but not be limited to, pressure grouting to seal all designated manholes, spray lining of all designated manholes, providing all labor, materials, equipment, tools, and appurtenances reasonably necessary to complete the proposed work.

- E. Bid Item No. 5 – New Pipe Connection to Existing Manhole, Including Lateral: Payment for Bid Item No. 5 will be made according to the unit price of each manhole in Appendix A (Bid Proposal), which shall constitute full payment to provide the items as specified in Division 33. The Work under Bid Item No. 5 shall also include, but not be limited to, connecting all new lines to existing manholes, providing all labor, materials, equipment, tools, and appurtenances reasonably necessary to complete the work. All work shall be in accordance with the Owner’s standards and requirements.
- F. Bid Item No. 6 – Form and Pour Concrete Manhole Invert: Payment for Bid Item No. 6 will be made according to the unit price in the Attachment A (Bid Proposal), which shall constitute full payment to provide the item as specified in Division 33. The Work under Bid Item No. 6 shall also include, but not be limited to, pouring and grading new inverts for line terminations in manholes, replace manhole invert and bench to the correct size and grade, providing all labor, materials, equipment, tools and appurtenances reasonably necessary to complete the work.
- G. Bid Item No. 1-1 – Mobilization: Payment for Bid Item No. 1-1 will be made according to the lump sum price in Attachment A (Bid Proposal) Alternate No. 1. The work under Bid Item No. 1-1 shall include, but not be limited to, any permits, licenses, fees, insurance, bonds, assembling all equipment, materials, tools, etc., and transporting them to and from the work site. The amount for Bid Item No. 1-1 – Mobilization shall not exceed nine percent of the total amount for Alternate No. 1.
- H. Bid Item No. 1-2– 24” Ductile Iron Pipe 8’-10’ Depth, Bid Item No. 1-3 – 24” Ductile Iron Pipe 10’-12’ Depth, & Bid Item No. 1-4 – 24” Ductile Iron Pipe 12’-15’ Depth: Payment for Bid Item No. 1-2, 1-3, and 1-4 will be made according to the unit price in Appendix A (Bid Proposal), which shall constitute full payment to provide these items as specified in Division 33. The Work under Bid Item No. 1-2, 1-3, and 1-4 shall also include, but not be limited to, providing all labor, materials, equipment, and tools required, for all excavation, dewatering, installation of pipe and other materials, point repair, backfill and compaction, manhole preparation and repairs, asphalt and concrete removal and replacement, bypass pumping, traffic control, grading, landscaping, removal and replacement of fencing and mailboxes, testing, and television inspections to complete the installation as specified. All work shall be in accordance with the Owner’s standards and requirements.
- I. Bid Item No. 1-5 Replace 48” inside diameter manhole 10’-12’ depth, & Bid Item No. 1-5 Replace 48” inside diameter Manhole, 12’- 15’ depth: Payment for Bid Items No. 1-5 & 1-6 will be made for each installed, according to the unit price in Appendix A (Bid Proposal), which shall constitute full payment to provide the items as specified in Division 33. The work under Bid Items No. 1-5 & 1-6 shall include but is not limited to all excavation, bedding, labor, materials, tools, dewatering, bypass pumping, traffic control, grading, landscaping, backfill, compaction, removal and replacement of fencing and mailboxes, asphalt and concrete removal and replacement, testing, connecting all new lines to existing manholes, pouring and grading new inverts for line terminations in manholes, replacing manhole invert and bench to the correct size and grade, and providing all labor, materials, equipment, tools and appurtenances reasonably necessary to complete the work. All work shall be in accordance with the Owner’s standards and requirements.

**2.0 PRODUCTS (NOT USED)**

**3.0 EXECUTION (NOT USED)**

\*\*\* END OF SECTION \*\*\*



# HUNTSVILLE

Urban Development Department  
Engineering Division

## CHASE TRUNKLINE REHABILITATION

Project No. 71-26-SP07

April 22, 2026

### Addendum #3

#### NOTICE OF CHANGE TO PROSPECTIVE BIDDERS:

- Bid Opening date has been **RESCHEDULED** to **Wednesday, April 29, 2026, at 11:00 a.m. CST.**

**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/engineering/bidlist](http://www.huntsvilleal.gov/engineering/bidlist). 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: Attachment N – Manhole Rehabilitation Chemical Grout Applications  
Attachment O – Quadex Manhole Restoration Materials Installation Specification**

**END OF ADDENDUM #3**

**The Star of Alabama**

ATTACHMENT "N"

# Manhole Rehabilitation Chemical Grout Applications

## Application for crack Infiltration

### 1 START WITH A VISIBLE CRACK

- 1.1 The surface of the crack may need to be cleaned off with a mechanical grinder or a wire brush. Deposits left by effervescence can inhibit full penetration of the grout.

### 2 DRILL INJECTION HOLES

- 2.1 Appropriate sized hole should be drilled at a 45° angle so that it intersects the crack at roughly 1/2 the depth of the concrete. Maximum depth required on almost any structure is 18". Hammers with vacuum bits are not recommended.
- 2.2 Cracks tend to veer off in one direction or another below the surface level. It may be necessary to stagger injection holes from one side of the crack to the other. This will insure that at least half of the holes intersect the crack.
- 2.3 Hole spacing depends on the width of the crack, but typically is between 6" and 10" for hairline cracks. Holes may be spaced as far apart as 24" on wider cracks. If the concrete being sealed is 6" deep or less, holes should be drilled directly into the crack no more than 6" apart.
- 2.4 On large jobs a 20' test section should be injected to determine the most feasible and economic port spacing.

### 3 FLUSH INJECTION HOLES

- 3.1 A flush wand that will reach the back of the injection holes should be used to flush out the drilling dust. **USE ONLY CLEAN WATER TO FLUSH OUT THE HOLES.** It is very important to get the holes as clean as possible; otherwise the dust will clog up the crack and inhibit penetration of the grout.

### 4 INSTALL PORTS

- 4.1 Mechanical packers should be used in weak concrete or for deep drilling. They should be inserted until the top of the rubber sleeve is flush with concrete. If the rubber is not flush with the concrete it may either spall the concrete when tightened down or blow out when the injection pressures start to rise. Use a 3/8" deep well socket to tighten the Packers.
- 4.2 The tips should be left off of all the Packers until you are ready to flush the crack. Bang-in ports are an excellent choice for good concrete where deep drilling is not necessary. Simply bang them into a 3/8" hole with a hammer.

### 5 FLUSH THE CRACK

- 5.1 Install a tip on the first packer. **USE ONLY CLEAN WATER TO FLUSH THE CRACK!** Injection pressure should start at 250p.s.i. and be increased as needed. This will clean dirt and other contaminants out, open the crack up, and insure that enough water is present to activate the

grout. A non-staining dye may be added to the water to see where the flush water is coming out and to help separate ground water from flush water.

- 5.2 Start flushing with the injector that is at the bottom of a vertical crack, or at the very end of a crack if it is horizontal. Continue to flush with water until only contaminate free water is flowing out of the crack or the next port. If no water is being pumped through the port, the injection hole may not be intersecting the crack. If this is the case, drill another hole on the other side of the crack and repeat the above steps. Be sure not to cross through the first injection hole. Repeat this process for every port.

**NOTE:** The rubber in the Mechanical Packer tends to relax if left in the wall for more than eight hours. This causes the Packer to become loose and may cause blow outs when high pressure is used to inject the grout. To avoid this, the Packers may need to be re-tightened prior to grout injection.

- 5.3 In order to insure that the grout will not set up in the pump and hoses, it is best to use two different pumps - one for flushing and one for grout injection. If this is not possible, be sure to thoroughly flush the pump out with Prime Flush (or Approved Equal) non-flammable solvent before switching from water to grout.

## 6 INJECT THE GROUT

- 6.1 Always wear safety glasses, rubber gloves, and long sleeve shirt and pants when doing any type of pressure injection. See MSDS sheet before working with any Prime-Flex products.
- 6.2 Remove the tips from all of the ports. Re-tighten the Mechanical Packers if necessary. Put a tip on the first Port used to flush and begin injecting Prime-Flex (or Approved Equal). Patience is a must when doing crack injection. It may take several minutes to get resin flowing into the crack. Increase pressure in 100p.s.i. increments as necessary. The lowest pressure that will get penetration should always be used, but it may be necessary to increase the pressure as high as 2,500p.s.i. Be very careful when turning the pressures up this high, as the concrete may shear or the Packer can blow out of the hole. This usually results in the technician being sprayed with grout. If grout begins to flow freely from the crack, stop injection to give the material time to activate. The crack should seal enough to begin injection again within a few minutes. If the flow does not stop, Prime Plug (or Approved Equal rapid setting hydraulic cement) may be necessary to plug the leak. Clean the grout off of the crack as much as possible before applying Prime Plug (or Approved Equal). It will set within a few minutes.

**NOTE:** It is useful for a small amount of grout to drip out of the crack. It allows the technician to see how far the grout has traveled and it will seal itself up within a few minutes.

- 6.3 Continue to pump until material has penetrated the entire distance between the first and second Packer. The grout will not always visibly travel the entire distance in hairline cracks. Once the furthest point of grout travel has been obtained, move on to the next Packer and repeat the process.

## **7 FLUSH THE PUMP**

7.1 When finished pumping for the day, the pump should be thoroughly flushed out using Prime Flush solvent (or Approved Equal). Material left in the pump overnight may set up and ruin the pump.

## **8 REMOVE THE PORTS**

8.1 Wait 24 hours before removing the ports. If it is necessary to remove them the same day, a small amount of water may be injected into each hole before removing. Usually a 3/8" socket and wrench, vice grips, and a small screwdriver are necessary to remove the Mechanical Packers. Bang in ports are removed with vice grips.

## **9 PATCH INJECTION HOLES**

9.1 The injection holes should be patched with an epoxy gel (Speed Bond #1) (or Approved Equal).

## **10 GRIND GROUT OFF SURFACE**

10.1 Use an electric grinder with a grinding disc or a wire wheel to remove the grout from the surface. Use caution; a wire wheel can "grab" the grout and be pulled from the technician's hands. If possible, wait 24 hours before grinding.

## **11 APPLY SURFACE SEAL**

11.1 Apply a band of Prime Gel 2200 Flexible (or Approved Equal) to the surface of the crack to give a more attractive look to the surface and to act as a secondary barrier.

# **Application for a Gusher**

## **1. DRILL RELIEF HOLES / INJECTION HOLES**

1.1. Reduce water pressure as much as possible. Drill relief holes (also to be used as injection holes) below or at the side of the leak. When the crack is patched the water will be diverted through the relief holes and the pressure on the crack will be reduced. An appropriate size hole should be drilled at a 45o angle so that it intersects the crack at roughly 1/2 the depth of the concrete. 18 inches is the maximum depth required on almost any structure. Prime Resins recommends the use of a heavy duty rotary hammer for drilling. Hammers with vacuum bits are not recommended.

1.2. Cracks tend to veer off in one direction or another below the surface level. For this reason it may be necessary to stagger injection holes from one side of the crack to the other. This will insure that at least half of your holes intersect the crack. Hole spacing depends on the width of the crack, but typically for gushing leaks only a few holes are necessary.

## **2. FLUSH INJECTION HOLES**

2.1. This is not necessary if water is running out of the holes. A flush wand that will reach the back of the injection holes should be used to flush out the drilling dust. **USE ONLY CLEAN WATER TO FLUSH OUT THE HOLES.** Make sure to get the holes as clean as possible to insure penetration of the grout.

### **3. APPLY THE SURFACE SEAL**

**3.1. Apply Prime Plug (or Approved Equal, a fast setting hydraulic cement) to clean, sound concrete. If the crack is extremely wide, the Activated Oakum Technique may be used (see Activated Oakum Technique).**

### **4. INSTALL PORTS**

**4.1. 1/2" and 5/8" Prime Packers are high pressure injection ports. Install so that the top of the rubber sleeve is flush with concrete. If the rubber is not flush with the concrete it may either spall the concrete when tightened down or blow out when the injection pressures start to rise. Use a 3/8" deep well socket to tighten the Packers. Do not beat on the Packer with a hammer. This will damage the threads and the tip will not be able to screw on. Leave off tips of Packers until you inject.**

**NOTE: The rubber in the Packer tends to relax if left in the wall for more than eight hours. This causes the Packer to become loose and may cause blow outs when high pressure is used to inject the grout. To avoid this, the Packers may need to be re-tightened prior to grout injection.**

### **5. INJECT THE GROUT**

**5.1. Please see MSDS before working with any Prime-Flex (or Approved Equal) product. Always wear safety glasses, rubber gloves, long sleeve shirts, and pants when doing any type of pressure injection. It is best to use two different pumps - one for flushing and one for grout injection. If this is not possible, be sure to thoroughly flush the pump out with Prime Flush cleaning solvent (or Approved Equal) before switching from water to grout.**

**5.2. Grout may be injected as a single component or two components. For two component injection, a two component pump with a static mixing chamber at the end of the hoses may be used. Prime-Flex (or Approved Equal) products can be mixed at a 1:1 or 2:1 ratio of grout to water. The mix ratio has only a slight affect on cured properties of grout.**

**5.3. If, after surface sealing, you are still encountering problems with water flow, inject Prime-Flex 920 (or Approved Equal) with a maximum dose of Prime-Kat. The Prime-Flex 920 (or Approved Equal) reacts very fast and expands up to 2,900%. It will seal off the leak very quickly. If the crack is expected to move, or if the surface seal was sufficient to control the leak, a flexible material (Prime-Flex 900 XLV(or Approved Equal)) should be injected. The 920 requires a catalyst, and should be poured into a mixing bucket and mixed with the proper amount of Prime-Kat Clear (or Approved Equal). See technical literature or label on pail for proper mix ratio. Do not allow any moisture to enter the pail.**

**5.4. In most pressure injection procedures it is necessary to leave the tips off of all the Packers that have not had grout injected through them. They allow air and water to vent out of the crack. Failure to do this will result in excess pressure building up in the crack and possibly cause further damage to the structure. This is not always necessary with a gushing leak. If the leak is bad, the pressure will vent to the water source. Remove the tips from all of the Packers. Re-tighten the Packers if necessary. Put a tip on the lowest Packer and begin injecting Prime-Flex. The lowest pressure that will get penetration should always be used (250 p.s.i. minimum), but it may be necessary to increase the pressure as high as 2,500 p.s.i. Be very careful when increasing pressure. If the surface seal blows out and grout begins to flow freely from the crack, Prime Plug (or Approved Equal) may be necessary to re-plug the leak. Clean the grout off of the crack as much as possible before applying the Prime Plug (or Approved Equal). It should set within a few minutes. Continue to pump until material has penetrated the entire distance**

between the first and second Packer. The grout should begin to flow out of the second Packer. If this occurs, put the tip on the second Packer and continue to pump into the first.

**6. FLUSH THE PUMP**

6.1. At the end of day the pump should be thoroughly flushed out using Prime Flush(or Approved Equal) non-flammable solvent. Material left in the pump overnight may set up.

**7. REMOVE THE PACKERS**

7.1. In a gushing leak, the packers can usually be removed within an hour after injection is completed using A 3/8" socket and wrench, vice grips, and a small screwdriver.

**8. PATCH INJECTION HOLES**

8.1. Seal the injection holes to a depth of one inch with an epoxy gel (Speed Bond #1 (or Approved Equal)).

**9. GRIND GROUT OFF SURFACE**

9.1. Use an electric grinder with a grinding disc or a wire wheel to remove the any excess grout from the surface. Use caution, a wire wheel can "grab" the grout and be pulled from the technicians hands.

**10. APPLY SURFACE SEAL**

10.1. Apply a band of Prime Gel 2200 Flexible (or Approved Equal) to the surface of the crack to give a more attractive look to the surface and to act as a secondary barrier.

# **QUADEX MANHOLE RESTORATION MATERIALS INSTALLATION SPECIFICATION**

## **For Restoration Using Quadex Cementitious Materials**

### **1.0 GENERAL**

1.1 These specifications are intended to set a standard of quality and design for the application of all cementitious materials used in the rehabilitation of manholes.

1.2 All materials must be approved by the engineer or owner prior to job bid.

### **2.0 DEFINITIONS**

2.1 The term "approved" shall mean that the proposed material shall meet or exceed each of the performance criteria set forth in this specification. Manufacturers and vendors of various name brand materials must submit proof that any proposed material will meet the guidelines and requirements of this specification. The engineer or owner will make final approval of any proposed material.

### **3.0 APPROVED MATERIALS**

#### **3.1 Infiltration Control**

All fast setting materials furnished shall be designed to be applied in dry powder form, with no prior mixing of water, directly to active leaks under hydrostatic pressure in manholes or related structures. Materials shall consist of rapid setting cements, silicious aggregates, and various accelerating agents. Material shall not contain chlorides or metallic particles. Approved infiltration control material shall be Quadex Quad-Plug (or approved equal) as manufactured by Quadex, Inc., Maumelle, Arkansas.

##### **3.1.1 Specifications: Infiltration Control Materials**

###### **A. Compressive Strength (ASTM C109)**

30 mins: 1850 psi 3 days: 4000  
psi 7 days: 5000 psi

28 days: 5890 psi

###### **B. Bond Strength (ASTM C321)**

30 min: 50 psi 1 day: 85  
psi

###### **C. Set Time 30 seconds**

### 3.2 Invert Repair and Patching

All material furnished shall be designed to fill large voids in manhole walls and to repair or reconstruct inverts where no hydrostatic pressure exists. Material shall consist of rapid setting cements, monocrystalline quartz aggregates, and various accelerating agents. Material shall not contain chlorides or metallic particles. Approved invert repair and patching material shall be Quadex Hyperform (or approved equal) as manufactured by Quadex, Inc., Maumelle, Arkansas.

#### 3.2.1 Specifications: Repair and Patching Materials

A. Compressive Strength (ASTM C109)  
1 hour: 4170 psi 3 hours: 5840 psi 24 hours:  
7660 psi

B. Flexural Strength (ASTM C348) 1  
hour: 450 psi 3 hours: 625 psi 24 hours:  
820 psi

C. Freeze-Thaw (ASTM  
C666) 300 cycles with no damage

D. Setting Time (Gilmore ASTM C266)  
Initial 15-18 minutes Final 22-25 minutes

### 3.3 Cementitious Coating (Liner) Materials for Manhole Walls and Benches

All cementitious coating (liner) materials shall be specifically designed for the rehabilitation of manholes and other related wastewater structures. Liner materials shall be cement based, poly-fiber reinforced, shrinkage compensated, and enhanced with chemical admixtures and siliceous aggregates. Liner materials shall be mixed with water per manufacturer's written specifications and applied using equipment specifically designed for either low-pressure spray or centrifugal spin casting application of cement mortars. All cement liner materials must be capable of a placement thickness of ½" to 4" in a one pass monolithic application.

#### 3.3.1 Specifications: Cementitious Coating Materials

##### 3.3.2 Physical Properties

All cementitious coating materials shall conform to the following 28-day minimum physical properties.

A. Compressive Strength (ASTM C109)  
9500 psi

B. Flexural Strength (ASTM C293)  
1400 psi

C. Bond Strength (ASTM C882)  
1500 psi

D. Permeability (AASHTO T-277) Not to exceed 400 coulombs

E. Freeze-Thaw (ASTM C666) No damage in minimum 300 cycles

F. Material Wet Density  
Minimum 140 PCF

### 3.3.3 Material Design

All cementitious coating materials shall be approved for use based upon the following design conditions.

A.

Cementitious coating materials shall be manufactured from 100% pure calcium aluminate cement and enhanced with high-density chemically stable aggregates. Materials shall contain poly fiber reinforcement and chemical admixtures. Approved material shall be Quadex Aluminaliner (or Approved Equal) as manufactured by Quadex, Inc., Maumelle, Arkansas.

## 4.0 Interior Manhole Rehabilitation

### 4.1 Manhole Cleaning and Preparation

The floor and interior walls of the manhole shall be thoroughly cleaned and made free of all foreign materials including dirt, grit, roots, grease, sludge and all debris or material that may be attached to the wall or bottom of the manhole.

A. High pressure water blasting with a minimum of 3500 psi shall be used to clean. Free all foreign material within the manhole.

B. When grease and oil are present within the manhole, an approved detergent or muriatic acid shall be used integrally with the high pressure cleaning water.

C. All materials resulting from the cleaning of the manhole shall be removed prior to application of the cement based coating.

D. All loose or defective brick, grout, ledges, steps and protruding ledges shall be removed to provide an even surface prior to application of cement based coating.

#### **4.2 Sealing Active Leaks**

The work consists of hand applying a dry quick-setting cementitious mix designed to instantly stop running water or seepage in all types of concrete and masonry structures. The applicator shall apply material in accordance with manufacturer's recommendations and following specifications.

- A. The area to be repaired must be clean and free of all debris per the guidelines set forth in section 4.1 Manhole Cleaning and Preparation.**
- B. Once cleaned, prepare crack or hole by chipping out loose material to a minimum depth and width of ¾ inch.**
- C. With gloved hand, place a generous amount of the dry quick-setting cementitious material to the active leak, with a smooth fast motion, maintaining external pressure for 30 seconds, repeat until leak is stopped.**
- D. Proper application should not require any special mixing of product or special curing requirements after application.**

#### **4.3 Invert Repair**

The work consists of hand mixing and applying a rapid setting, high early strength, non-shrink patching material to fill all large voids and repair inverts prior to spray lining of the manhole. For invert repairs, flow must be temporarily restricted by inflatable or mechanical plugs prior to cleaning.

- A. The area to be repaired must be cleaned and free of all debris per the guidelines set forth in section 4.1 Manhole Cleaning and Preparation.**
- B. Mix water shall be clean potable water and require no additives or admixtures for use with cementitious patching materials.**
- C. Cementitious material shall be mixed in a mortar tub or 5 gallon pail with water per manufacturer's specifications. Material should be mixed in small quantities, to avoid setting prior to placement in voids or inverts.**
- D. Once mixed to proper consistency, the materials shall be applied to the invert or void areas by hand or trowel. In invert applications, care should be taken to not apply excessive material in the channel, which could restrict flow. Once applied, materials should be smoothed either by hand or trowel in order to facilitate flow.**
- E. Flows in inverts can be reestablished within 30 minutes of material placement.**

#### **4.4 Application of Cementitious Manhole Liner**

The work consists of spray applying and / or centrifugally spin casting a cementitious based liner to the inside of the existing manhole. The necessary equipment and application methods to apply the cementitious based liner materials shall be only as approved by the material manufacturer.

**A. Material shall be mixed with water in accordance with manufacturer's specifications. Once mixed to proper consistency, the materials shall be pumped via a rotor-stator style progressive cavity pump through a material plaster hose for delivery to the appropriate and / or selected application device.**

**B. Spray application of the cementitious material.**

**Material hose shall be coupled to a low-velocity spray application nozzle. Pumping of the material shall commence and the mortar shall be atomized by the introduction of air at the nozzle, creating a low-velocity spray pattern for material application.**

**Spraying shall be performed by starting at the manhole invert and progressing up the wall to the corbel and chimney areas. Material shall be applied to a specified uniform minimum thickness no less than ½ inch. Material shall be applied to the bench area in such a manner as to provide for proper drainage without ponding.**

**C. Centrifugal spin casting application of the cementitious material.**

**Material hose shall be coupled to a high speed rotating applicator device. The rotating casting applicator shall then be positioned within the center of the manhole at either the top of the manhole chimney or the lowest point elevation corresponding to the junction of the manhole bench and walls.**

**The high speed rotating applicator shall then be initialized, and pumping of the material shall commence. As the mortar begins to be centrifugally cast evenly around the interior of the manhole, the rotating applicator head shall be raised and / or lowered at a controlled retrieval speed conducive to providing a uniform material thickness on the manhole walls.**

**Controlled multiple passes are then made until the specified minimum finished thickness is attained. If the procedure is interrupted for any reason, simply arrest the retrieval of the applicator head until flows are recommenced.**

**Material thickness may be verified at any point with a depth gauge and shall be no less than a uniform ½-inch . If additional material is required at any level, the rotating applicator head shall be placed at that level and application shall recommence until that area is thickened.**

**D. Material shall be applied only when manhole is in a damp state, with no visible water dripping or running over the manhole walls.**

**E. The low-velocity spray nozzle and the centrifugal spin casting head may be used in conjunction to facilitate uniform application of the mortar material to irregularities in the contour of the manhole walls and bench areas.**

F. Troweling of materials shall begin immediately following the spray application. Initial troweling shall be in an upward motion, to compress the material into voids and solidify manhole wall. Precautions should be taken not to overtrowel.

G. Curing will take place once the manhole cover has been replaced. It is important that the manhole cover is replaced no more than 10-20 minutes after troweling is complete to avoid moisture loss in the material due to sunlight and winds.

H. Material shall not be applied during freezing weather conditions. Material shall not be placed when the ambient temperature is 37 degrees Fahrenheit and falling or when the temperature is anticipated to fall below 32 degrees Fahrenheit during 24 hours.

## **5.0. QUALITY CONTROL**

The quality and performance of the material shall be maintained by one or all of the following measures to be determined and specified by the engineer or owner.

### **5.1 Performance Testing**

- A. Vacuum Testing
- B. Exfiltration Testing
- C. Visual Inspection

### **5.2 Material Testing**

One 2 X 2 inch sample cube shall be taken for every 50 bags of material used. Samples shall be sprayed from nozzle, identified and sent to an independent test laboratory for compression strength testing as described in ASTM C-109.

## **6.0 WARRANTY**

Product manufacturers shall warrant all materials to be free of defects product design and workmanship for a period of one year from date of purchase. Manufacturer will provide replacement materials for any product proven to be defective when applied in accordance with manufacturer's recommendations. Manufacturer's obligation shall be limited solely to product replacement.

Construction, Inc., in the amount of TWO MILLION TWO HUNDRED TEN THOUSAND THREE HUNDRED AND NO/100 DOLLARS (\$2,210,300.00), for Chase Trunkline Rehabilitation, Project No. 71-26-SP07, which is being submitted to the City Council of the City of Huntsville, Alabama for approval on this the 14th day of May, 2026, has been let in accordance with Code of Alabama, Title 39 and all other applicable provisions.

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Randall Stewart  
Director of Water Pollution Control  
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, Alabama 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, REV Construction, Inc., 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.**

\_\_\_\_\_  
REV Construction, Inc.  
(Company)

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