



# DeKalb County Government

Manuel J. Maloof Center  
1300 Commerce Drive  
Decatur, Georgia 30030

## Agenda Item

**File ID:** FileID

**Walk-On Item**

**6/12/2018**

**Public Hearing:** YES  NO

**Department:** Watershed Management

**Commission District(s):** 1 & 6

Water Utility Installation for Upcoming City of Dunwoody Project

Cost to the County: Not To Exceed \$400,600

**Information Contact:** Reginald Wells, Interim Director, Watershed Management

**Phone Number:** 770-621-7208

### **PURPOSE:**

To authorize payment to the City of Dunwoody (COD) per the approved Intergovernmental Agreement (IGA) in the amount not to exceed the following listed amount, for the water installation and adjustments associated with the following project; and to authorize the Chief Executive Officer (CEO) to execute an agreement allowing for the payments and to execute all necessary documents to complete this transaction.

Mount Vernon Road at Vermack Road Intersection Improvements (not to exceed \$400,600)

### **NEED/IMPACT:**

The COD project, Mount Vernon Road at Vermack Road Intersection Improvement project is scheduled to begin construction in June 2018. The project consists of the roadway widening of approximately 0.30 miles, drainage improvements, sidewalk construction, waterline installation, milling and paving on Mount Vernon Road between Vernon Oaks Drive and Corners Drive. The Department of Watershed Management (DWM) will provide funding and oversight to COD for the waterline replacement of the existing six (6) inch and twelve (12) inch waterline portion of the project.

It is important to both DWM and COD to include the waterline installation on major roadway projects to ensure the work is performing concurrently. This minimizes the impact to adjacent property owners and the traveling public. In order to include the installation in the COD's roadway construction contract, DWM must agree to pay the listed cost of completing the work.

Watershed concurs with City of Dunwoody award to CMES as the lowest overall responsive, responsible bidder for this joint city/county project per the IGA, and includes a good faith effort at LSBE participation.

### **FISCAL IMPACT:**

Cost to the County not to exceed \$400,600

### **RECOMMENDATION:**

Authorize payment to the City of Dunwoody in amount not to exceed the following listed amount, for water installation and adjustments associated with the following projects; and to authorize the Chief Executive Officer to execute an agreement allowing for these payments and to execute all necessary documents to complete these transactions: Mount Vernon Road & Vermack Road Intersection Improvements (not to exceed \$400,600).

**A RESOLUTION TO APPROVE AND AUTHORIZE AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF DUNWOODY AND DEKALB COUNTY FOR INFRASTRUCTURE PROJECTS**

**WHEREAS,** the Mayor and City Council are the governing authority of the City of Dunwoody and are charged with the protection of the health, safety and welfare of the citizens of Dunwoody; and

**WHEREAS,** the County provides water treatment and distribution and wastewater collection and treatment services to residents of Dunwoody, and owns the corresponding water distribution mains and lines and the wastewater collection mains and lines within the geographical boundaries of the City; and

**WHEREAS,** the County and City desire to work cooperatively to effectuate water and wastewater infrastructure improvement projects by the County to coincide with the City's intent to make improvements to the City's road network; and

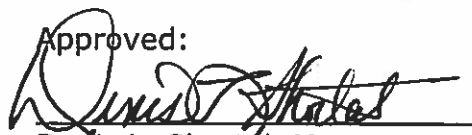
**WHEREAS,** the City and County desire to enter into an Intergovernmental Agreement, as attached hereto and incorporated herein by reference, to allow the concurrent bidding and award of project and joint management of projects per the terms of the Intergovernmental Agreement in order to accomplish the desired mutual goals; and

**WHEREAS,** the attached Intergovernmental Agreement has been reviewed by the City Attorney.


**NOW THEREFORE, BE IT RESOLVED,** by the Mayor and City Council of the City of Dunwoody and it is resolved by the authority of said City Council that by passage of this Resolution the City of Dunwoody Mayor and City Council authorize an Intergovernmental Agreement (IGA) with DeKalb County, as attached hereto and incorporated herein, for Infrastructure Projects. The Mayor and Council direct the City Manager to send a certified copy of this Resolution to DeKalb County.

**SO RESOLVED AND EFFECTIVE,** this 27<sup>th</sup> day of February, 2017.

Approved:

  
Denis L. Shortal, Mayor

Attest:

  
Sharon Lowery, City Clerk  
(Seal)

**INTERGOVERNMENTAL AGREEMENT (IGA)  
FOR COUNTY AND CITY INFRASTRUCTURE PROJECTS BETWEEN  
DEKALB COUNTY, GEORGIA AND  
THE CITY OF DUNWOODY, GEORGIA**

**THIS INTERGOVERNMENTAL AGREEMENT is entered into by and between DeKalb County, Georgia ("County") and the City of Dunwoody, Georgia ("City").**

WHEREAS, the County provides water treatment and distribution and wastewater collection and treatment services to residents of Dunwoody, and owns the corresponding water distribution mains and lines and the wastewater collection mains and lines within the geographical boundaries of the City; and

WHEREAS, the County and City desire to work cooperatively to effectuate water and wastewater infrastructure improvement projects by the County to coincide with the City's intent to make improvements to the City's road network; and

WHEREAS, the County and City desire to enter into an Intergovernmental Agreement to allow the concurrent bidding and award of projects and joint management of projects per the terms of this Intergovernmental Agreement in order to accomplish the desired mutual goals; and

WHEREAS, the County and the City desire to maintain a mutually beneficial, efficient and cooperative relationship that will promote the interests of the citizens of both jurisdictions.

**NOW THEREFORE, in consideration of the following mutual obligations, the County and the City agree as follows:**

**Section 1.** The City will coordinate planned road improvement and pavement resurfacing projects with the DeKalb County Department of Watershed Management (DWM)'s plans for upgrades or replacement of certain water distribution and/or wastewater collection mains inside the boundaries of the City of Dunwoody. In instances where the City and County's priorities and project timing coincide, the County shall, with the approval of the Governing Authority, provide funding for the design, construction management and construction of the water distribution and/or wastewater collection mains.

**Section 2.** Upon completion of the water distribution and/or wastewater collection main replacements, rehabilitations or extensions detailed in Section 1, the City of Dunwoody will immediately mill and resurface with asphalt along the corresponding roadways where the infrastructure replacement has been accomplished.

**Section 3.** The City and County agree that the City shall be responsible for construction bidding for said joint projects. Prior to any bid document being released, City and County DWM shall coordinate on creating a Scope of Work for the project, with each party creating the Scope of Work for the portion of the project for which it would be financially responsible. The bids shall be put together by the City and shall provide details including oversight and cost, and include this Intergovernmental Agreement as an exhibit and require contractor's additional adherence to all applicable provisions herein. The Department of Watershed Management shall approve the technical specifications and Scope of Work within the bid documents prior to the City's publication and release of the bid. The City will, in accordance with the requirements of all applicable Federal, State, and local laws and both the County and City's Purchasing Policies and/or ordinances, award the winning bid and enter into a Contract with the winning bidder for the performance of the work, that will include adherence to the applicable terms of this IGA. However, prior to entering a contract, the County shall provide the City with written

authorization to accept the winning bid or in the alternative, at the County's sole discretion, it may reject all the bids. The County Board of Commissioners shall approve the award of the contract to the successful bidder.

**Section 4.** For some City transportation improvement projects involving the redesign of the existing roadway it may be advantageous to the City and County for the engineer under contract with the City to also provide the design for improvements to the water distribution and/or wastewater collection systems. In these instances, the County shall, with the approval of the Governing Authority, if required, provide funding for design of the water distribution or wastewater collection system improvements. The County shall approve the Scope of Work and funding prior to issuance of a contract and shall review and approve the water or wastewater system design plans prior to bidding.

**Section 5.** The bid, and resulting contract, executed between the City and the winning bidder, shall provide for the project as follows:

The bid shall provide for construction of the water distribution main or wastewater collection main replacement, rehabilitation or extension as described above. The County shall pay the cost of design and construction of the water distribution and/or wastewater main replacement portion of the project and shall bear the full oversight responsibility for this portion of the project. Said County responsibility shall be clearly delineated and stated in the bid, shall include the authority to issue a stop work order, at its sole discretion, and the County shall perform said responsibilities on behalf of the City. The bid shall require that the contractor itemize the City and County costs separately and the County shall, upon completion of the work, pay to the City the portion of the cost of the project itemized as design and construction or replacement of the water/wastewater infrastructure.

The City shall pay the cost of road improvements and resurfacing and will bear the full oversight responsibility for said portion of the project.

**Section 6.** The term of this Agreement shall begin upon execution of this IGA and shall continue for one year, with an annual automatic renewal, for a total period not to exceed twenty years. This Agreement may be terminated by either party with at least thirty (30) days written notice to the other party. Such termination shall not affect already procured and approved joint projects.

**Section 7.** All required notices shall be given by certified first class U.S. Mail, return receipt requested. The parties agree to give each other non-binding duplicate facsimile notice. All notices sent to the addresses listed below shall be binding unless said address is changed in writing no less than fourteen (14) days before such notice is sent. Future changes in address shall be effective upon written notice being given by the City to the County Executive Assistant or by the County to the City Manager via certified first class U.S. mail, return receipt requested. Notices shall be addressed to the parties at the following addresses:

If to the County:       Executive Assistant  
                                  1300 Commerce Drive, 6th Floor  
                                  Decatur, Georgia 30030  
                                  (404) 371-4751, Facsimile Number

With a copy to: County Attorney  
                                  1300 Commerce Drive, 5th Floor  
                                  Decatur, Georgia 30030

(404) 371-3024, Facsimile Number

If to the City:                   City Manager  
  City of Dunwoody  
  41 Perimeter Center East, Suite 250  
  Dunwoody, Georgia 30346  
  (678) 382-6701, Facsimile Number

With a copy to: City Attorney  
  City of Dunwoody  
  41 Perimeter Center East, Suite 250  
  Dunwoody, Georgia 30346  
  (678) 382-6701, Facsimile Number

**Section 8.** This Agreement may be extended beyond the term delineated herein by mutual written consent of both parties so long as such extension is approved by official action of the City Council and approved by official action of the County governing authority, as indicated in Section 10 below.

**Section 9.** Neither party shall assign any of the obligations or benefits of this Agreement.

**Section 10.** This Agreement constitutes the sole contract between the City and the County. The terms, conditions, and requirements of this Agreement may not be modified, except by Amendment. No verbal agreement or conversation with any officer, agent, or employee of either the County or the City, either before or after the execution of the Contract, shall affect or modify any of the terms or obligations herein contained. No representations, oral or written, shall be binding on the parties unless expressly incorporated herein. No Amendment shall be enforceable unless approved by official action of the City and County as provided by law or in this Agreement.

**Section 11.** If a court of competent jurisdiction renders any provision of this Agreement (or portion of a provision) to be invalid or otherwise unenforceable, that provision or portion of the provision will be severed and the remainder of this Agreement will continue in full force and effect as if the invalid provision or portion of the provision were not part of this Agreement. No action taken pursuant to this Agreement should be deemed to constitute a waiver of compliance with any representation, warranty, covenant or agreement contained in this Agreement and will not operate or be construed as a waiver of any subsequent breach, whether of a similar or dissimilar nature. This Agreement is governed by the laws of the state of Georgia without regard to conflicts of law principles thereof. Should any party institute suit concerning this Agreement, venue shall be in the Superior Court of DeKalb County, Georgia. Should any provision of this Agreement require judicial interpretation, it is agreed that the court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against one party by reason of the rule of construction that a document is to be construed more strictly against the party who itself or through its agent prepared the same, it being agreed that the agents of all parties have participated in the preparation hereof. If any provision of this Agreement, or any portion thereof, should be ruled void, invalid, unenforceable or contrary to public policy by any court of competent jurisdiction, then any remaining portion of such provision and all other provisions of this Agreement shall survive and be applied, and any invalid or unenforceable portion shall be construed or reformed to preserve as such of the original words, terms, purpose and intent as shall be permitted by law.

**Section 12.** This Agreement shall inure to the benefit of, and be binding upon the respective parties' successors.

**Section 13.** This Agreement may be executed in several counterparts, each of which shall be an original, and all of which shall constitute but one and the same instrument.

**IN WITNESS WHEREOF, DeKalb County and the City of Dunwoody have executed this Agreement through their duly authorized officers.**

**DEKALB COUNTY, GEORGIA**


By: \_\_\_\_\_  
Michael Thurmond  
Chief Executive Officer  
DeKalb County, Georgia

(SEAL)

\_\_\_\_\_  
Date  
**ATTEST:**

\_\_\_\_\_  
BARBARA H. SANDERS, CCC  
Clerk to the Board of Commissioners and Chief  
Executive Officer  
DeKalb County, Georgia

**APPROVED AS TO FORM:**

  
\_\_\_\_\_  
Viviane H. Ernstes  
Deputy County Attorney  
DeKalb County, Georgia

**APPROVED AS TO SUBSTANCE:**


  
\_\_\_\_\_  
Scott A. Towler  
Director of Watershed Management

[SIGNATURES CONTINUED ON THE NEXT PAGE]


**CITY OF DUNWOODY, GEORGIA**

  
\_\_\_\_\_  
Denis L. Shortal, Mayor

**ATTEST:**

  
\_\_\_\_\_  
Sharon Lowery  
City Clerk  
City of Dunwoody, Georgia

**APPROVED AS TO FORM:**

  
\_\_\_\_\_  
Judy Poag  
Assistant City Attorney  
City of Dunwoody

**COPY**

**INVITATION TO BID**  
**ITB 18-02**  
**MOUNT VERNON ROAD @ VERMACK**  
**ROAD INTERSECTION IMPROVEMENT**



## ITB 18-02

The City of Dunwoody is soliciting competitive sealed bids from qualified contractors for **Mount Vernon Road at Vermack Road Intersection Improvement Project** for the Department of Public Works.

Bids should be typed or submitted in ink and returned in a sealed container marked on the outside with the ITB number and Company Name. Bids will be received until **2:00 P.M.** local time on **Thursday April 26, 2018** at the City of Dunwoody, 4800 Ashford Dunwoody Rd, Dunwoody, GA 30338. Any bid received after this date and time will not be accepted. Bids will be publicly opened and read at 2:05 P.M. Apparent bid results will be available the following business day on our website [www.dunwoodyga.gov](http://www.dunwoodyga.gov).

**A Pre-Bid Conference will be held at 10:00 a.m., Tuesday April 10, 2018** at the City of Dunwoody Courtroom 4800 Ashford Dunwoody Rd, Dunwoody, GA 30338. The conference will include a review of the Bid Documents, and a question and answer period. Attendance at the Pre-Bid Conference is strongly encouraged, but it is not required. Bidders are expected to be familiar with the Bid Documents and to provide the City with any questions regarding the Bid Documents at the Pre-Bid conference or by the deadline for questions to be submitted.

Questions regarding bids should be directed to John Gates, Purchasing Manager, at [purchasing@dunwoodyga.gov](mailto:purchasing@dunwoodyga.gov) no later than **Wednesday April 18, 2018**. Bids are legal and binding upon the bidder when submitted. All bids should be submitted in duplicate.

The written bid documents supersede any verbal or written prior communications between the Parties.

If a contract is awarded, it will be made to the lowest reliable bidder whose proposal shall have met all of the prescribed requirements. The City reserves the right to reject any or all bids, to waive technicalities and to make an award deemed in its best interest. The low bid will be determined based on the sum of the base bid and any alternates selected by the City.

All companies submitting a bid will be notified in writing of award. We look forward to your bid and appreciate your interest in the City of Dunwoody.

John Gates  
Purchasing Manager

## TABLE OF CONTENTS

SECTION	TITLE
0010	Table of Contents
0050	Project Directory
0100	Bid Instructions
0150	Bid Checklist
0200	Bonding and Insurance Requirements
0250	Scope of Work
0300	General Notes
0350	Bid Schedule
0400	Bid Bond
0450	Affidavits
0500	Qualifications Signature and Certification
0550	References
0600	Corporate Certificate
0650	Subcontractor Listing
0700	Statement of Equipment
0750	Sample Contract
0800	General Conditions
0850	Special Conditions
0875	Special Provision
0900	Plan List Exhibit A
0950	Intergovernmental Agreement Exhibit B
1000	Payment Bond
1050	Performance Bond
1100	Maintenance Bond

---

**PROJECT DIRECTORY**

**The City of Dunwoody, GA**

**ITB 18-02 Mount Vernon Rd at Vermack Rd intersection Improvement**

**OWNER**                    **The City of Dunwoody, Georgia**  
4800 Ashford Dunwoody Rd  
Dunwoody, GA 30338

**Mayor**                    Denis L. Shortal

**City Manager**            Eric Linton

**Associated  
Department**            Public Works  
Michael Smith, P.E. Director  
Todd Meadows, Construction Management  
[Todd.Meadows@dunwoodyga.gov](mailto:Todd.Meadows@dunwoodyga.gov) (678) 382-6855

**Design  
Consultant**              CALYX Engineers  
Alex Stone, P.E.

**BID INSTRUCTIONS**

**ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

**CITY OF DUNWOODY**

**DEPARTMENT OF FINANCE AND ADMINISTRATION - PURCHASING DIVISION  
GENERAL INSTRUCTIONS FOR BIDDERS**

These Instructions will apply unless a particular item is specifically addressed in the solicitation document or not relevant to the particular type of good or service.

**1. PREPARATION OF BIDS:**

- A. Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder’s risk, as the bidder will be held accountable for their bid response.
- B. Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. The person signing the bid must initial erasures or other changes. An authorized agent of the company must sign bids.
- C. Individuals, firms and businesses seeking an award of a City of Dunwoody contract may not initiate or continue any verbal or written communications regarding a solicitation with any City officer, elected official, employee or other City representative without the permission of Purchasing between the date of the issuance of the solicitation and the date of the final contract award. Violations will be reviewed by the Purchasing Manager. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award.

**2. BID TIME TABLE.** The anticipated schedule for the bid process is as follows:

Bid Documents Posted.....	<b>Thursday March 29, 2018</b>
Pre-Bid Conference.....	<b>10:00 AM, Tuesday, April 10, 2018</b>
Deadline for submission of questions .....	<b>5:00 PM, Wednesday, April 18, 2018</b>
Deadline for submission of Bid .....	<b>2:00 PM, Thursday, April 26, 2018</b>
Bids Valid Until.....	<b>Tuesday October 23, 2018</b>

**3. EXPLANATION TO BIDDERS:**

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be requested by the question cutoff deadline stated in the solicitation in order for a reply to reach all bidders before the close of bid. Any information given to a prospective bidder concerning an invitation for bid will be furnished to all prospective bidders as an addendum to the invitation if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders. The written bid documents supersede any verbal or written communications between Parties. Receipt of addendum should be acknowledged in the bid. Although Purchasing will make every effort to send any addendum to known bidders, it is the bidder’s ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal. This may be accomplished via contact with Purchasing prior to bid submittal.

**4. SUBMISSION OF BIDS:**

- A. Bids shall be enclosed in sealed envelopes, addressed to the City of Dunwoody Purchasing Office with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Telegraphic/faxed bids will not be considered. Any addenda should be enclosed in the sealed envelopes as well.
- B. ADD/DEDUCT: Add or deduct amounts indicated on the outside of the envelope are allowed and will be applied to the lump sum amount. Amount shall be clearly stated and should be initialed by an authorized company representative.

## BID INSTRUCTIONS

### ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

- C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the City, at no expense to the City. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing.
- D. Items offered must meet required specifications and must be of a quality, which will adequately serve the use and purpose for which intended.
- E. Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. Manufacturer's literature may be furnished.
- F. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.
- G. Unsigned bids will not be considered except in cases where bid is enclosed with other documents, which have been signed. The City will determine this.
- H. The City of Dunwoody is exempt from federal excise tax and Georgia sales tax with regard to goods and services purchased directly by the City. Suppliers and contractors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in City construction projects. Suppliers and contractors should contact the State of Georgia Sales Tax Division for additional information.
- I. Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act. Each page of proprietary information must be identified. Entire bid may not be deemed proprietary.

#### 5. WITHDRAWAL OF BID DUE TO ERRORS:

- A. The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days after the conclusion of the bid opening procedure. Bids may be withdrawn from consideration if the price was substantially lower than the other bids due solely to a mistake therein, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and material used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid.
- B. No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.
- C. Supplier has up to forty-eight (48) hours to notify Purchasing of an obvious clerical error made in calculation of bid in order to withdraw a bid after bid opening. Withdrawal of bid for this reason must be done in writing within the forty-eight (48) hour period. Suppliers who fail to request withdrawal of bid by the required forty-eight (48) hours shall automatically forfeit bid bond. Bid may not be withdrawn otherwise.
- D. Bid withdrawal is not automatically granted and will be allowed solely at the City of Dunwoody's discretion.

#### 6. TESTING AND INSPECTION:

## **BID INSTRUCTIONS**

### **ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

Since tests may require several days for completion, the City reserves the right to use a portion of any supplies before the results of the tests are determined. Cost of inspections and tests of any item, which fails to meet the specifications, shall be borne by the bidder.

**7. F.O.B. POINT:**

Unless otherwise stated in the invitation to bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

**8. PATENT INDEMNITY:**

The contractor guarantees to hold the City, its agents, officers or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, for which the contractor is not the patentee, assignee or licensee.

**9. BID BONDS AND PAYMENT AND PERFORMANCE BONDS (IF REQUIRED):**

A five percent (5%) bid bond, a one hundred percent (100%) performance bond, and a one hundred percent (100%) payment bond shall be furnished to the City of Dunwoody for any bid as required in bid package or document. Failure to submit appropriate bonding will result in automatic rejection of bid. Bonding company must be authorized to do business in Georgia by the Georgia Insurance Commission, listed in the Department of the Treasury's publication of companies holding certificates of authority as acceptable surety on Federal bonds and as acceptable reinsuring companies, and have an A.M. Best rating as stated in the insurance requirement of the solicitation.

**10. AWARD:**

- A. Award will be made to the lowest responsive and responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the City, and the delivery terms will be taken into consideration in making the award. The City may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the City all such information and data for this purpose as the City may request. The City reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the City that such bidder is properly qualified to carry out the obligations of the contract.
- B. The City reserves the right to reject or accept any or all bids and to waive technicalities, informalities and minor irregularities in bids received.
- C. The City reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest.

**11. DELIVERY FAILURES:**

Failure of a contractor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Manager, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Manager, shall constitute authority for the Purchasing Manager to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the City within a reasonable time specified by the Purchasing Manager for any expense incurred in excess of contract prices, or the City shall have the right to deduct such amount from monies owed the defaulting contractor. Alternatively, the City may penalize the contractor one percent (1%) per day for

## BID INSTRUCTIONS

### ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the City reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Manager.

#### 12. CITY FURNISHED PROPERTY:

No material, labor or facilities will be furnished by the City unless so provided in the invitation to bid.

#### 13. REJECTION AND WITHDRAWAL OF BIDS:

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

#### 14. CONTRACT:

A. Each bid is received with the understanding that the acceptance in writing by the City of the offer to furnish any or all of the commodities or services described therein shall constitute a contract between the bidder and the City which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted bid. The City, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

B. It is understood that the bidder has reviewed the contract documents with the understanding that the City of Dunwoody requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety.

C. When the contractor has performed in accordance with the provisions of this agreement, the City of Dunwoody shall pay to the contractor, within thirty (30) days of receipt of any department approved payment request and based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any.

#### 15. NON-COLLUSION:

Bidder declares that the bid is not made in connection with any other bidder submitting a bid for the same commodity or commodities, and that the bid is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each bidder. Collusion and fraud in bid preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

#### 16. DEFAULT:

The contract may be canceled or annulled by the Purchasing Manager in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting contractor (or his surety) shall be liable to the City for costs to the City in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extended in writing by the Purchasing Manager, shall constitute contract default.

#### 17. TERMINATION FOR CAUSE:

The City may terminate this agreement for cause upon ten days prior written notice to the contractor of the contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the City's rights or remedies by law.

## BID INSTRUCTIONS

### ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

#### 18. TERMINATION FOR CONVENIENCE:

The City may terminate this agreement for its convenience at any time upon 30 days written notice to the contractor. In the event of the City's termination of this agreement for convenience, the contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the contractor, which shall itemize each element of performance.

#### 19. DISPUTES:

Except as otherwise provided in the contract documents, any dispute concerning a question of fact arising under the contract which is not disposed of shall be decided after a hearing by the Purchasing Manager, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the Purchasing Manager shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

#### 20. SUBSTITUTIONS:

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

#### 21. INELIGIBLE BIDDERS:

The City may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses or other monies due to the City. Failure to respond to three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

#### 22. BUSINESS LICENSE:

Each successful bidder shall provide evidence of a valid City of Dunwoody business license if the bidder maintains an office within the City of Dunwoody. Unincorporated, out of City, and out of State bidders are required to provide evidence of a certificate to do business in any town, County or municipality in the State of Georgia, or as otherwise required by City ordinance or resolution.

#### 23. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS:

Alterations of City documents are strictly prohibited and will result in automatic disqualification of the firm's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

#### 24. TAX LIABILITY:

Local and state governmental entities must notify contractors of their use tax liability on public works projects. Under Georgia law, private contractors are responsible for paying a use tax equal to the sales tax rate on material and equipment purchased under a governmental exemption that is incorporated into a government construction project: excluding material and equipment provided for the installation, repair, or expansion of a public water, gas or sewer system when the property is installed for general distribution purposes. To the extent the tangible personal property maintains its character (for example the installation of a kitchen stove), it remains tax-exempt. However, if the installation incorporates the tangible personal property into realty, e.g., the installation of sheetrock, it becomes taxable to the private contractor.

See O.C.G.A. 48-8-3(2) and O.C.G.A. 48-8-63

#### 25. GENERAL CONTRACTORS LICENSE:



## **BID INSTRUCTIONS**

### **ITB 18-02: MT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

All General Contractors must have a current valid license from the State Licensing Board for Residential and General Contractors, unless specifically exempted from holding such license pursuant to Georgia law (O.C.G.A. Section 43-41-17).

**26. INDEMNIFICATION:**

To the fullest extent permitted by law, the Contractor shall, at his sole cost and expense, indemnify, defend, satisfy all judgments, and hold harmless the City, the engineer, and their agents and employees from and against all claims, damages, actions, judgments, costs, penalties, liabilities, losses and expenses, including, but not limited to, attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, action, judgment, cost, penalty, liability, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless whether such claim is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or otherwise reduce any of the rights or obligations of indemnity which would otherwise exist as to any party or person described in this agreement. In any and all claims against the City, the engineer, or any of their agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation contained herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any subcontractor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts.

**27. ENVIRONMENTAL SUSTAINABILITY**

The City of Dunwoody is committed to environmental sustainability. The City believes we have a unique opportunity to further expand our leadership in the area of environmentally preferable purchasing, and through our actions, elicit changes in the marketplace. By further incorporating environmental considerations into public purchasing, the City of Dunwoody will positively impact human health and the environment, remove unnecessary hazards from its operations, reduce costs and liabilities, and improve the environmental quality of the region. As such the City encourages the incorporation of environmental sustainability into proposals.

**\*DIRECTIONS TO DUNWOODY CITY HALL\***

From I-285 take Exit 29 (Ashford-Dunwoody Rd.) and turn North. At the eighth traffic light, turn left on Ashford Gables Drive. The entrance to the parking lot for 4800 Ashford Dunwoody Rd is on the right. The City of Dunwoody offices are on the second floor.

---

END OF BID INSTRUCTIONS SECTION 0100

## BID CHECKLIST

ITB 18-02: MT VERNON RD AT VERMACK RD INTERSECTIONIMPROVEMENT

### \*\*\*ATTENTION\*\*\*

IN ORDER FOR CONTRACTOR BID PACKAGE TO BE CONSIDERED RESPONSIVE, THE FOLLOWING FORMS OR INFORMATION MUST BE COMPLETED AND SUBMITTED WITH THE PROPOSAL:

- USE THE CITY BID SCHEDULE AND FORWARD WITH THE SEALED PROPOSAL FORM.
- ACKNOWLEDGE APPLICABLE ADDENDA.
- PROVIDE 5% BID BOND -- BOND REQUIREMENTS ARE CLEARLY STATED ON THE INVITATION TO BID. IF YOU NEED CLARIFICATION, CONTACT PURCHASING.
- RETURN APPLICABLE COMPLIANCE AFFIDAVIT SHEETS/SPECIFICATION SHEETS.
- QUALIFICATIONS SIGNATURE AND CERTIFICATION
- PROVIDE INFORMATION ON ALTERNATES OR EQUIVALENTS.
- KEY PERSONNEL RESUMES AND ORG CHART
- PROJECT REFERENCE LIST
- CORPORATE CERTIFICATE
- SUBCONTRACTOR LISTING
- STATEMENT OF EQUIPMENT
- IF THE BID AMOUNT EXCEEDS \$250,000, THE BIDDER SHALL SUBMIT WITH THE BID A COPY OF THEIR GEORGIA DEPARTMENT OF TRANSPORTATION CERTIFICATION OF QUALIFICATION LETTER

FAILURE TO RETURN THE ABOVE DOCUMENTS MAY RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION

**BONDING AND INSURANCE REQUIREMENTS**  
**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

1. All Bidders are required to submit a Bid Bond or a certified check made payable to the City of Dunwoody in the amount of five percent (5%) of the total amount bid. The Bid Bond or certified check must be enclosed in the envelope with the sealed bid.
2. The awarded bidder will be required to furnish a Performance Bond equal to 100% of the contract amount and a Payment Bond equal to 100% of the total contract amount. Insurance coverage shall be provided as required by the contract documents. Bonding Company must be licensed to do business in Georgia, licensed to do business by the Georgia Secretary of State, authorized to do business in Georgia by the Georgia Insurance Department, listed in the Department of the Treasury's Publication of Companies Holding Certificates of Authority as Acceptable Surety on Federal Bonds and as Acceptable Reinsuring Companies and have an A.M. Best rating of A-V or higher.
3. The awarded bidder will be required to submit Maintenance Bond valid for 12 months in the amount of the total bid.
4. The Contractor shall provide proof of commercial general liability insurance with coverage of not less than ONE MILLION DOLLARS (\$1,000,000.00) combined single limit per occurrence, and with contractual liability coverage for Contractor's covenants to and indemnification of the City, the County, CALYX Engineers, and ATKINS under the Contract.

## SCOPE OF WORK

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

The project consists of drainage improvements, road widening, sidewalk construction, water main installation, signal installation, milling, paving and striping at the intersection of Mount Vernon Rd and Vermack Rd. The contractor shall furnish all materials, equipment, and labor to complete the required construction as described in its entirety to the specifications as directed and the terms of this contract including all incidentals as directed by the City of Dunwoody Director of Public Works or his representative.

Construction plans can be accessed and downloaded at the following link:

<https://dunwoodyga.sharefile.com/d-sd71bd3a924e48748>

Water main plans can be accessed and downloaded at the following link:

<https://dunwoodyga.sharefile.com/d-sb0e1cd8feaf48ab9>

In accordance with Exhibit B Section 0950, "Intergovernmental Agreement (IGA) for County and City Infrastructure Projects Between DeKalb County, Georgia And The City of Dunwoody, Georgia" Contract Documents, the project will be a coordinated effort between the City of Dunwoody and DeKalb County to make improvements to the roadway and the water distribution system respectively. The contract will be with the City of Dunwoody and the City will be the lead agency for overall project coordination. The DeKalb County Department of Watershed Management will be providing funding and oversight to the city for the water main replacement portion of the project.

Unless otherwise specified, the project shall be completed in compliance with the Construction Documents prepared by CALYX Engineers (AKA Mulkey Engineers), ATKINS, Georgia Department of Transportation Standard Specifications and Supplemental Specifications and the bid documents including all appendices and addenda. It is the intent of this contract for each unit price bid to include all labor, materials, equipment, tools, transportation, and supplies as required to complete the work in accordance with the plans, specifications as directed, and the terms of this contract. The contractor is responsible for inspecting the site and for being thoroughly familiar with all bid and contract documents.

Any item which must be removed during the construction work and which is not specifically called for shall be removed by the contractor. The cost shall be included in other unit price bid items. No claims will be considered for extra compensation.

#### **Minimum Contractor Qualifications**

The contractor must meet Georgia licensing requirements and be a Georgia Department of Transportation prequalified qualified contractor. The contractor shall have been a general or utility

## SCOPE OF WORK

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

contractor engaged in construction and successful completion of work of similar character and magnitude for at least **five years** and shall demonstrate the financial ability to perform the work. The current Certificate of Qualification letter must be submitted at time of bid.

#### **Local Small Business Enterprise/Disadvantaged Business Enterprise Requirements**

Does not apply with this contract.

#### **Traffic Control**

All traffic control shall be provided by the contractor in accordance with GDOT's "shelf" Special Provision 150. Assistance from police officers will not be provided by the City. Two way traffic and driveway access must be maintained throughout the construction of this project. Work times and lane closure or restriction times are detailed in **Special Conditions Article 2.5**

The contractor shall add, replace, remove, and/or reset existing roadway signs, as necessary, throughout the construction to comply with the MUTCD.

#### **Water Service Outages**

All water service outages shall be minimized and shall be approved in writing at least 72 hours in advance of the requested outage. A designated DeKalb County Department of Watershed Management (DWM) representative must be present for the duration of the scheduled outages.

#### **Water and Sewer Construction Requirements**

For this project, the installation of all water and sewer systems shall meet the requirements of Dekalb County Department of Watershed Management's Design and Construction Standards Manual. The Design and Construction Standards Manual is available for download at <https://www.dekalbcountyga.gov/sites/default/files/Exhibit%204%20Department%20of%20Watershed%20Management%20Design%20and%20Construction%20Standards%20Manual.pdf>

#### **Schedule**

Notice to Proceed is expected to be given in July 2018 and the contractor shall mobilize within 10 days of receiving notice to proceed. Work shall be completed within 365 calendar days beginning from either the first day of construction activity (e.g. silt fence installation), or 10 days of the notice to proceed is issued, whichever occurs first. Once construction begins in an area, the contractor shall work diligently and without delay to complete the work in order to minimize disruption to the property owners. Traffic signal loops must be reinstalled within 7 days of final paving. Temporary pavement marking must be installed prior to opening areas to traffic. Thermoplastic pavement markings must be installed no sooner than 30 days after paving but no later than 60 days after paving. Should the contractor fail to meet these requirements, the City will remove these items from the contract and deduct from the contract any additional costs incurred by the City to complete the work.

## SCOPE OF WORK

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

Delay in completion of the project results in additional management and testing costs to the City and erosion of public confidence and goodwill. The failure or delay in completing work on time will result in daily deductions (liquidated damages) as outlined in **Special Conditions, Section 850, Article 2.3**. For each day or Available Day, as specified, that any work shall remain uncompleted after the contract time specified for the completion of the Work required by the Contract, the sum specified in the Contract will be deducted from any money due the Contractor, not as a penalty, but as liquidated damages; provided however, that due account shall be taken of any adjustment of the contract time for completion of the work previously agreed to by both parties, as may be required from time to time. The amount of such charges is hereby agreed upon as fixed liquidated damages due the City of Dunwoody after the expiration of the time for completion specified in the contract. The Contractor shall be liable for liquidated damages in excess of the amount due the Contractor on the final payment. These fixed liquidated damages are not established as a penalty but are calculated and agreed upon in advance by the City of Dunwoody and the Contractor due to the uncertainty and impossibility of making a determination as to the actual and consequential damages which are incurred by the City and the general public as a result of the failure on the part of the Contractor to complete The Work on time.

#### Sidewalk Construction Notes

1. Maximum sidewalk cross slope including driveway crossings shall be 2% unless otherwise indicated on the plans.
2. The contractor will be responsible for protecting the sidewalk from weather, traffic and vandalism during concrete curing. Any defects or defacement resulting from failure to protect the concrete will be repaired at the contractor's expense.
3. City of Dunwoody sidewalk standards:
  - a. The City's sidewalk standard is 5 feet in width, 4 inches thick, Class B or 3,000 psi concrete.
  - b. The minimum landscape buffer is 2 feet. The City will typically allow an increase in the buffer width to avoid conflicts provided that the sidewalk shall remain within the existing right of way (30 feet from the centerline). The City highly values the benefits that the landscape buffer provides and will only consider requests to decrease the buffer width for short distances after all other options have been considered. The City will consider a decrease in the buffer only in the following situations:
    - 1) The sidewalk would conflict with a utility that is cost prohibitive to relocate. A single distribution pole would not be considered cost prohibitive. A communications panel or box likely would be cost prohibitive. A relocation cost estimate shall be obtained and provided to the City where a decrease in the landscape buffer is proposed.
    - 2) The sidewalk would require removal of a specimen type tree(s) and the tree could be preserved by reducing the buffer for a short distance.
    - 3) The sidewalk would require extensive grading beyond the right of way or a retaining wall. Before reducing the buffer the feasibility to steepen slopes up to a maximum of 2:1 would be considered.

## SCOPE OF WORK

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

- 4) The sidewalk would require significant removal of a resident's formal landscaping (i.e. heavily planted beds or gardens).
- c. Slopes shall typically be no steeper than 4:1 slopes. Slopes up to 2:1 will be allowed with approval from the City in areas that will not be planted with grass. In order to minimize grading, the City will allow the sidewalk to "follow the grade" of the shoulder to some extent rather than require a constant elevation relative to the adjacent roadway. This is allowable provided that:
  - 1) All ADA requirements are met
  - 2) The landscape buffer slope meets the guidelines above
  - 3) The sidewalk drainage is directed into the roadway
- d. Where slopes must be steeper than 3:1 (for drops 6 ft or more) or 2:1 (for drops 4 ft or more), pedestrian handrail must be installed. See handrail detail provided with this RFP.
- e. Any walls visible from roadways or residences shall have a granite façade.

#### **Paving**

1. The maximum allowable time between milling and placing new pavement shall be 48 hours.
2. Marking tape is permissible for temporary pavement markings on milled surfaces and freshly paved asphalt. Temporary marking must be placed, and maintained until permanent marking can be installed, on all pavement areas to be opened to traffic. The pre-marking layout shall be approved by the City prior to temporary or permanent pavement marking.
3. Manhole and Water Valve Box Adjustments-It shall be the Contractor's responsibility to note and mark the location of each water valve box and manhole cover on the streets prior to resurfacing then locate and adjust each of these after resurfacing. Adjustments may be made with adjustable rings.
4. A material transfer vehicle is not required unless the plant and mix used require one as noted on GDOT's QPL 45.

## GENERAL NOTES

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

#### General Notes:

1. The Contractor is responsible for calling for utility locations prior to the start of work. The Contractor shall locate below ground and above ground utilities that may be affected by the work using whatever means may be appropriate. It shall be the Contractor's responsibility to coordinate his work with any utility owner who may be in conflict with his work. No claims will be considered for extra compensation.
2. The Specifications, the Drawings, and other Contract Documents shall be complementary to each other, and any material, workmanship, and/or service which may be in one, but not called for in the others, shall be binding as if indicated, called for, or implied by all. If conflicts or discrepancies between the bid documents, engineering drawings and referenced specifications arise during the course of the construction work, the conflicts or discrepancies shall be immediately brought to the attention of the Engineer, who will evaluate the conflict or discrepancies based on the design intent, ultimate use, and/or intended goal(s) of the of the project. If the conflict cannot be satisfactorily resolved in this way the most stringent requirements will apply.
3. Each section or type of work is described separately in the Technical Specifications; however, should any item of material, equipment, work, or combinations of such be required in one section, and not be described in that section and a similar item described in another section, that description shall apply regardless of the section under which it is described.
4. Upon the completion of each work, any excess items which might be left over from the construction related work shall be removed and disposed of properly by the Contractor. The cost for such removal and disposal of such items will be included in other unit price bid. No claims will be considered for extra compensation.
5. The Contractor will be responsible for restoring lawns and landscaped areas to pre-construction conditions. This includes reconnecting or repairing any damaged irrigation systems, installing new turf, and replacing any bed materials that have been removed. Turf replacement shall be with materials of like kind (i.e. Bermuda sod with Bermuda sod, fescue seed with fescue seed, etc.). The Contractor is responsible for verifying the presence of irrigation systems and for coordinating relocation with the property owner. Mailboxes are to be reset or replaced in kind.
6. Under this scope, "Department", "Engineer", and "Resident Engineer" shall mean the "City of Dunwoody, Georgia, Public Works Director or City of Dunwoody, Georgia or Public Works Designee".



**GENERAL NOTES**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

7. Under this Contract, the terms "County Representative," "County Engineer," "County Construction Manager," "County Inspector," "County Attorney," etc. shall refer to the Owner for all elements of the Water Main Replacement phases of the Project. The Owner shall be the DeKalb County Department of Watershed Management Capital Improvements Program Director (Director) and any personnel designated by the Director, including those designated by the DeKalb County, Georgia Government and its designated Engineers, Consultants, Construction Managers, Project Managers, Inspectors.
8. With respect to the Water Main Replacement and the Sewer installation portions of the Work, terms "City" and "County" and variations of same in the Contract Documents shall be interchangeable with regards to all Contract enforcement authority.
9. Contractor shall have all vehicles marked with their company name.
10. The Contractor will conduct, at Dunwoody City Hall, one (1) overall contract pre-construction meeting shortly after award of the contract, one (1) Water Main Replacement construction kick-off meeting, one (1) roadway improvements construction kick-off meeting, (1) Major Project Utility Coordination meeting, and bi-weekly progress meetings.
11. The City of Dunwoody will not provide restroom facilities on site.
12. The Contractor shall perform project housekeeping/clean-up on a daily basis. A 24-hour contact must be provided to the City of Dunwoody for all issues as needed in regards to the project for any safety, signage, or other emergency as needed.
13. The Contractor shall obtain permission from any private property owner on whose property construction equipment may be parked. Failure to obtain permission from property owners may result in citations.
14. Inspections and testing will be performed by a qualified firm hired by the City. The Contractor shall ensure that testing personnel is on site at all times when utilities are being backfilled and compacted when installation areas are in the roadway and shoulder. It is the responsibility of the Contractor to schedule and coordinate testing.
15. If unsuitable soils are found, a recommendation is to be obtained by the inspector for their mitigation. Unsuitable soils removed without direction from the engineer will not be considered for reimbursement.
16. The Contractor shall provide supervision for the work and have a responsible foreman continuously on the job. There shall be at least one person in a position of responsibility on the site at all times who can communicate in English.

## GENERAL NOTES

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

17. All services provided by Contractor shall be performed in a workmanlike and professional manner to the satisfaction of the City. Contractor warrants that all material, equipment, and workmanship furnished hereunder shall be free from fault or defect and suitable in appearance without cracks or degradation and for the purposes for which they were installed, and agrees, at its expense, to promptly remedy any failure of such material, equipment, or workmanship to comply with such warranty, if such failure is discovered, and Contractor is notified thereof in writing, within one (1) year following the issuance of the Final Completion letter by the City.
  
18. Contractor shall adequately protect workers, land owners or tenants, adjacent property, and the public during construction operations. The Contractor shall plan and conduct the construction of the sidewalk projects to comply with local, state, and federal laws, rules and regulations and to exercise the highest degree of care to safeguard persons and property from injury. Contractor will perform all services in compliance with applicable Federal Health and Safety laws currently in effect. Neither the giving of such special instructions by the City Representative nor the adherence thereto by Contractor shall relieve Contractor of the sole responsibility to maintain safe and efficient working conditions. Contractor shall require its employees to wear protective clothing, reflective vests, masks, eye protections, etc. during any operation as required or directed by applicable laws, regulations, ordinance, and/or direction by manufacturer of materials or equipment.
  
19. The successful Bidder will be permitted to sublet a portion of the work. However, the successful Bidder acting as Prime Contractor shall perform, with his own organization, work amounting to not less than **thirty percent (30%)** of the total contract cost, including materials, equipment, and labor. Purchase of materials and rental of equipment by the Prime Contractor for use by a Subcontractor will not be allowed when computing the 30% limitation.

## SCOPE OF WORK

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

extent rather than require a constant elevation relative to the adjacent roadway. This is allowable provided that:

- 1) All ADA requirements are met
  - 2) The landscape buffer slope meets the guidelines above
  - 3) The sidewalk drainage is directed into the roadway
- d. Where slopes must be steeper than 3:1 (for drops 6 ft or more) or 2:1 (for drops 4 ft or more), pedestrian handrail must be installed. See handrail detail provided with this RFP.
- e. Any walls visible from roadways or residences shall have a granite façade.

#### **Paving**

1. The maximum allowable time between milling and placing new pavement shall be 48 hours.
2. Marking tape is permissible for temporary pavement markings on milled surfaces and freshly paved asphalt. Temporary marking must be placed, and maintained until permanent marking can be installed, on all pavement areas to be opened to traffic. The pre-marking layout shall be approved by the City prior to temporary or permanent pavement marking.
3. Manhole and Water Valve Box Adjustments-It shall be the Contractor's responsibility to note and mark the location of each water valve box and manhole cover on the streets prior to resurfacing then locate and adjust each of these after resurfacing. Adjustments may be made with adjustable rings.
4. A material transfer vehicle is not required unless the plant and mix used require one as noted on GDOT's QPL 45.

**BID SCHEDULE**  
**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

ITEM	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	TOTAL
<b>ROADWAY ITEMS</b>					
150-1000	TRAFFIC CONTROL-MOUNT VERNON	113,987.00	LS	1	113,987.00
163-0232	TEMPORARY GRASSING	200.00	AC	1	200.00
163-0240	MULCH	225.00	TN	20	4,500.00
163-0300	CONSTRUCTION EXIT	900.00	EA	6	5,400.00
163-0528	CONSTRUCT AND REMOVE FABRIC CHECK DAM – TYPE C SILT FENCE	26.00	LF	30	780.00
163-0542	CONSTRUCT AND REMOVE STONE FILTER RING	600.00	EA	1	600.00
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	180.00	EA	7	1,260.00
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	0.25	LF	1,775	443.75
165-0041	MAINT. OF CHECK DAMS - ALL TYPES	10.00	LF	15	150.00
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	250.00	EA	6	1,500.00
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	40.00	EA	7	280.00
165-0111	MAINTENANCE OF STONE FILTER RING	300.00	EA	1	300.00
167-1000	WATER QUALITY MON. AND SAMPLING	150.00	EA	2	300.00
167-1500	WATER QUALITY INSPECTIONS	200.00	MO	12	2,400.00
171-0010	TEMPORARY SILT FENCE, TYPE A	2.50	LF	3,550	8,875.00
205-0210	EXCAVATION ROCK-SPECIAL PROVISION	60.00	CY	100	6,000.00
206-0002	BORROW EXCAVATION INCL MATL	25.00	CY	100	2,500.00
207-0203	FOUND BK FILL MATL, TP 2	40.00	CY	20	800.00
210-0100	GRADING COMPLETE	371,022.00	LS	1	371,022.00
310-1101	GR AGGR BASE CRS, INCL MATL	28.00	TN	1,912	53,536.00
318-3000	AGGR SURF CRS	25.00	TN	150	3,750.00
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME	315.00	TN	25	7,875.00
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	102.00	TN	365	37,230.00

**BID SCHEDULE**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

ITEM	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	TOTAL
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM MATL & H LIME	95.00	TN	359	34,105.00
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	102.00	TN	703	71,706.00
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM MATL & H LIME	104.00	TN	197	20,488.00
413-0750	TACK COAT	5.00	GL	274	1,370.00
432-5010	MILL ASPH CONC PVM T, VARIABLE DEPTH	12.00	SY	500	6,000.00
441-0016	DRIVEWAY CONCRETE, 6 IN TK	32.00	SY	802	25,664.00
441-0104	CONC SIDEWALK, 4 IN	24.00	SY	1,961	47,064.00
441-0300	CONCRETE SPILLWAY, SPECIAL DESIGN	2,600.00	EA	3	7,800.00
441-0754	7.5' CONCRETE MEDIAN	46.00	SY	32	1,472.00
441-4020	CONC VALLEY GUTTER, 6 IN	38.00	SY	345	13,110.00
441-4030	CONC VALLEY GUTTER, 8 IN	48.00	SY	40	1,920.00
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	13.00	LF	3,705	48,165.00
446-1100	PVM T REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	7.00	LF	1,766	12,362.00
500-3201	CLASS B CONC, RETAINING WALL	1,800.00	CY	10	18,000.00
500-9999	CLASS B CONC, BASE OR PVM T WIDENING	225.00	CY	74	16,650.00
500-3800	CLASS A CONC, INCL REINF STEEL	2,000.00	CY	2	4,000.00
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	47.00	LF	653	30,691.00
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	39.00	LF	26	1,014.00
550-3418	SAFETY END SECTION, 18 IN, SIDE DRAIN, 4:1 SLOPE	1,400.00	EA	2	2,800.00
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	8.00	LF	150	1,200.00
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN	47.00	SY	28	1,316.00
603-7000	PLASTIC FILTER FABRIC	5.00	SY	28	140.00
611-5360	RESET HIGHWAY SIGN	100.00	EA	2	200.00
615-1000	JACK AND BORE PIPE-12", 1/2" THICK STEEL PIPE SLEEVE	220.00	LF	68	14,960.00

**BID SCHEDULE**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

ITEM	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	TOTAL
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	20.00	SF	58	1,160.00
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	21.00	SF	56	1,176.00
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	60.00	SF	84	5,040.00
636-2070	GALV STEEL POSTS, TP 7	10.00	LF	233	2,330.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 65' MAST ARM AND 45' MAST ARM	18,000.00	EA	1	18,000.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 55' MAST ARM AND 45' MAST ARM	16,000.00	EA	1	16,000.00
643-8200	BARRIER FENCE (ORANGE) 4 FT	1.50	LF	1,000	1,500.00
647-1000	TRAFFIC SIGNAL INSTALLATION	85,480.00	LS	1	85,480.00
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	110.00	EA	11	1,210.00
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	100.00	EA	11	1,100.00
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	200.00	EA	1	200.00
653-0220	THERMOPLASTIC PVMT MARKING, WORD TP 2	390.00	EA	2	780.00
653-0240	THERMOPLASTIC PVMT MARKING, WORD TP 4	390.00	EA	2	780.00
653-0260	THERMOPLASTIC PVMT MARKING, WORD TP 6, MODIFIED	390.00	EA	2	780.00
653-0320	THERMOPLASTIC PVMT MARKING, SYMBOL, TP 4	220.00	EA	11	2,420.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	0.50	LF	6,582	3,291.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	0.60	LF	3,225	1,935.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	5.50	LF	106	583.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	2.00	LF	1,175	2,350.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	0.545	GLF	1,303	716.65
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	5.00	SY	202	1,010.00
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	5.00	SY	37	185.00
654-1001	RAISED PVMT MARKERS, TP 1	5.00	EA	92	460.00

BID SCHEDULE

ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

ITEM	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	TOTAL
654-1003	RAISED PVMT MARKERS, TP 3	5.00	EA	19	95.00
660-0808	SANITARY SEWER PIPE, 8 IN DUCTILE IRON	160.00	LF	284	45,440.00
668-1100	CATCH BASIN, GP 1	2,500.00	EA	5	12,500.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	190.00	LF	6	1,140.00
668-2100	DROP INLET, GP 1	3,100.00	EA	3	9,300.00
668-3300	SANITARY SEWER MANHOLE, TP 1	5,000.00	EA	3	15,000.00
668-3311	SANITARY SEWER MANHOLE, ADDL DEPTH, CL 1	390.00	LF	11	4,290.00
668-4300	STORM SEWER MANHOLE, TP 1	1,700.00	EA	1	1,700.00
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	190.00	LF	6	1,140.00
700-6910	PERMANENT GRASSING	1,000.00	AC	2	2,000.00
700-7000	AGRICULTURAL LIME	550.00	TN	6	3,300.00
700-8000	FERTILIZER MIXED GRADE	590.00	TN	2	1,180.00
700-8100	FERTILIZER NITROGEN CONTENT	2.00	LB	100	200.00
700-9300	SOD	6.00	SY	3,889	23,334.00
711-0100	TURF REINFORCING MAT, TP 1	11.00	SY	76	836.00
716-2000	EROSION CONTROL MATS, SLOPES	1.25	SY	792	990.00
766-9999	SPRINKLER REPAIR	5,000.00	LS	1	5,000.00
935-8000	TESTING	2,000.00	LS	1	2,000.00
ROADWAY ITEMS BID SCHEDULE				TOTAL	1,283,817.40

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

**BID SCHEDULE**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

ITEM	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	TOTAL	
<b>WATER MAIN REPLACEMENT ITEMS</b>						
611-8140	ADJUST WATER VALVE BOX TO GRADE	\$ 200.00	EA	1	\$ 200.00	
665-0030	SHORT SIDE SERVICE	\$ 950.00	EA	7	\$ 6,650.00	
665-0040	LONG SIDE SERVICE	\$ 1,250.00	LF	4	\$ 5,000.00	
670-1060	WATER MAIN, 6" DIP	\$ 70.00	LF	130	\$ 9,100.00	
670-1080	WATER MAIN, 8" DIP	\$ 85.00	LF	120	\$ 10,200.00	
670-1120	WATER MAIN, 12" DIP	\$ 95.00	LF	130	\$ 12,350.00	
670-1160	WATER MAIN, 16" DIP	\$ 130.00	LF	1510	\$ 196,300.00	
670-1490	CUT AND PLUG EXISTING MAIN	\$ 3,250.00	EA	1	\$ 3,250.00	
670-2002	VALVE MARKER	\$ 125.00	EA	15	\$ 1,875.00	
670-2060	GATE VALVE, 6"	\$ 1,100.00	EA	6	\$ 6,600.00	
670-2080	GATE VALVE, 8"	\$ 1,450.00	EA	2	\$ 2,900.00	
670-2120	GATE VALVE, 12"	\$ 4,250.00	EA	4	\$ 17,000.00	
670-2160	GATE VALVE, 16"	\$ 7,600.00	EA	5	\$ 38,000.00	
670-4000	FIRE HYDRANT ASSEMBLY	\$ 4,000.00	EA	3	\$ 12,000.00	
670-5000	WATER SERVICE LINE, 3/4-INCH	\$ 40.00	LF	280	\$ 11,200.00	
670-9245	STEEL CASING, 12 IN	\$ 125.00	LF	120	\$ 15,000.00	
670-9275	STEEL CASING, 24 IN	\$ 175.00	LF	225	\$ 39,375.00	
670-9730	RELOCATE EXISTING WATER METER, INCL BOX	\$ 950.00	EA	7	\$ 6,650.00	
670-9910	REMOVE EXISTING WATER VALVE, INCL BOX	\$ 650.00	EA	9	\$ 5,850.00	
670-9920	REMOVE EXISTING FIRE HYDRANT	\$ 550.00	EA	2	\$ 1,100.00	
WATERMAIN REPLACEMENT ITEMS BID SCHEDULE					<b>TOTAL</b>	\$ 400,600.00

**TOTAL BID AMOUNT**

1,684,417.40

Company Name: CMES, INC.



**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

The Unit Price Bid Items provided for in the Bid Schedule are intended to be the only pay items under which the Contractor will be compensated for work described above. The Contractor shall examine the requirements of the work and the pay items in the Bid Schedule and include in the unit prices submitted all labor, equipment, materials, appurtenances, overhead, profit, vehicles, and all other things incidental for the completion of the work as specified.

The City of Dunwoody requires pricing to remain firm for the duration of the contract. Failure to hold firm pricing for the term of the contract will be sufficient cause for the City to declare bid non-responsive.



Certification of Non-Collusion in Bid Preparation \_\_\_\_\_  
Signature Ramesh S.Suhagia, Date 04/26/18  
President

Termination for Cause: The City may terminate this agreement for cause upon ten days prior written notice to the Contractor of the Contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the City's rights or remedies by law.

Termination for Convenience: The City may terminate this agreement for its convenience at any time upon 30 days written notice to the Contractor. In the event of the City's termination of this agreement for convenience, the Contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the Contractor, which shall itemize each element of performance.

Termination for fund appropriation: The City may unilaterally terminate this Agreement due to a lack of funding at any time by written notice to the Contractor. In the event of the City's termination of this Agreement for fund appropriation, the Contractor will be paid for those services actually performed. Partially completed performance of the Agreement will be compensated based upon a signed statement of completion to be submitted by the Service Provider which shall itemize each element of performance.

Acknowledgement is hereby made of the following Addendum(s) received since issuance of the Contract Documents (identified by number)

Addendum No.	Date	Initial
# 1	04/03/18	
# 2	04/25/18	

In compliance with the attached specifications, the undersigned offers and agrees to furnish any or all of the items upon which prices are bid, at the price set opposite each item, within the time specified in the Bid Documents.

Legal Business Name CMES, INC.

Federal Tax ID 582331087

Address 6555 McDonough Dr, Norcross, GA-30093

Does your company currently have a location within the City of Dunwoody? Yes  No

Representative Signature 

Printed Name Ramesh S.Suhagia, President

Telephone Number 770-982-1905

Email Address ramesh.s@cmesinc.net

**BID BOND**  
**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, THAT

Name of Contractor: CMES, Inc.

Address of Contractor: 6555 McDonough Drive, Norcross, GA 30093

(Corporation, Partnership and or Individual) hereinafter called Principal, and \_\_\_\_\_

Westport Insurance Corporation

(Name of Surety)

1450 American Lane, Suite 100, Schaumburg, IL 60173

(Address of Surety)

A corporation of the State of Missouri, and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto:

(Name of Obligee) **City of Dunwoody Georgia**

(Address of Obligee) **4800 Ashford Dunwoody Rd**

**Dunwoody, Georgia 30338**

herein after referred to as Obligee, in the penal sum of Five Percent of Amount Bid Dollars (\$ 5% of amt. bid ) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Dunwoody, Georgia, a proposal for furnishing materials, labor and equipment for:

**Mount Vernon Rd at Vermack Rd Intersection Improvement & Water Main Extension**

WHEREAS, the Principal desires to file this Bond in accordance with law in lieu of a certified Bidder's check otherwise required to accompany this Proposal.

NOW, THEREFORE, the conditions of this obligation are such that if the bid is accepted, the Principal shall within 10 days after receipt of notification of the acceptance execute a Contract in accordance with the Bid and upon the terms, conditions, and prices set forth in the form and manner required by the City of Dunwoody, Georgia, and execute a sufficient and satisfactory Performance Bond and Payment Bond payable to the City of Dunwoody, Georgia, each in an amount of 100 percent of the total Contract Price, in form and with security satisfactory to said the City of Dunwoody, Georgia, and otherwise, to be and remain in full force and virtue in law; and The Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the City of Dunwoody, Georgia, upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.


**BID BOND**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

PROVIDED FURTHER, that Principal and Surety agree and represent that this bond is executed pursuant, to and in accordance with the applicable provisions of the Official Code of Georgia Annotated, as Amended, including, but not limited to, O.C.G.A. SS 13-10-1, et. Seg. and SS 36-86-101, et. Seg., and is intended to be and shall be constructed as a bond in compliance with the requirements thereof.

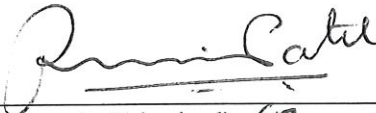
Signed, sealed, and dated this 25th day of April, 2018

ATTEST:

  
\_\_\_\_\_  
(Principal Secretary) **CHATUR B. CHHABHAYA**  
(Seal) SECRETARY

CMES, Inc.  
\_\_\_\_\_  
(Principal)

BY:   
\_\_\_\_\_  
**RAMESH S. SUHAGIA**  
PRESIDENT

  
\_\_\_\_\_  
(Witness to Principal) (*Pravin Patel*)

6555 McDonough Drive  
\_\_\_\_\_  
(Address) Norcross, GA 30093

6555 McDonough Drive  
\_\_\_\_\_  
Norcross, GA 30093  
(Address)

Westport Insurance Corporation  
\_\_\_\_\_  
(Surety)

ATTEST:

  
\_\_\_\_\_  
(Attorney-in-Fact) and Resident Agent Edward Mooney

  
\_\_\_\_\_  
(Attorney-in-Fact) Katarzyna Griffin  
(Seal)

1575 Northside Drive, Bldg. 100, Ste. 100  
\_\_\_\_\_  
Atlanta, GA 30318  
(Address)

  
\_\_\_\_\_  
(Witness as to Surety) Angela Williams

1575 Northside Drive, Bldg. 100, Ste. 100  
\_\_\_\_\_  
(Address) Atlanta, GA 30318

SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY
WESTPORT INSURANCE CORPORATION

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Overland Park, Kansas and Washington International Insurance Company a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Overland Park, Kansas, and Westport Insurance Corporation, organized under the laws of the State of Missouri, and having its principal office in the City of Overland Park, Kansas each does hereby make, constitute and appoint:

EDWARD MOONEY, ROBERT CARLETON WYNNE, and KATARZYNA GRIFFIN

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of: ONE HUNDRED TWENTY FIVE MILLION (\$125,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on March 24, 2000 and Westport Insurance Corporation by written consent of its Executive Committee dated July 18, 2011.

RESOLVED, that any two of the President, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.



By Steven P. Anderson, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation

By Mike A. Ito, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation



IN WITNESS WHEREOF, North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 08 day of JANUARY, 20 18.

North American Specialty Insurance Company
Washington International Insurance Company
Westport Insurance Corporation

State of Illinois
County of Cook ss:

On this 08 day of JANUARY, 20 18, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of

Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation and Michael A. Ito Senior Vice President of Washington International Insurance Company and Senior Vice President

of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Vice President and Assistant Secretary of North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 25th day of April, 2018.

ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

MAINTENANCE BOND

CITY OF DUNWOODY, GEORGIA

PROJECT NO: ITB 18-02 DEKALB COUNTY, GEORGIA

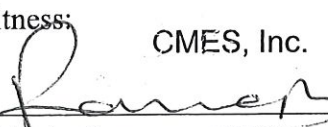
BOND NO: TBD042518

KNOW ALL MEN BY THESE PRESENTS that we, CMES, Inc. as Principal, and Westport Insurance Corporation as Surety, are held and firmly bound unto the CITY OF DUNWOODY, GEORGIA, as Oblige in the sum of one-third of the contract bid for the payment of which said Principal and Surety bind themselves, their heirs, administrators, executors, successors and assigns jointly and severally, firmly by these presents.


WHEREAS, the Principal has entered into an agreement with the City of Dunwoody for the **Mount Vernon Rd at Vermack Rd Intersection Improvement** construction. Said work has now been completed and the Oblige desires a maintenance bond guarantee said streets and improvements for a period of one year beginning 07/2018 and ending 07/2019.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall fully indemnify and save harmless the City of Dunwoody from any and all loss, costs, expenses or damages, for any repairs or replacements required because of defective workmanship or materials in said construction, then this obligation shall be null and void; otherwise to be and remain in full force and effect as to any such claim arising within one year from the completion of said construction as set forth in said agreement.

Signed, sealed and dated this 25th day of April 20 18

Witness:  
CMES, Inc.  
  
(Principal) RAMESH S. SUHAGIA  
PRESIDENT

Westport Insurance Corporation  
(Name of Surety Company)

  
Edward Mooney, Attorney-in-Fact

SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY
WESTPORT INSURANCE CORPORATION

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Overland Park, Kansas and Washington International Insurance Company a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Overland Park, Kansas, and Westport Insurance Corporation, organized under the laws of the State of Missouri, and having its principal office in the City of Overland Park, Kansas each does hereby make, constitute and appoint:

EDWARD MOONEY, ROBERT CARLETON WYNNE, and KATARZYNA GRIFFIN

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of: ONE HUNDRED TWENTY FIVE MILLION (\$125,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on March 24, 2000 and Westport Insurance Corporation by written consent of its Executive Committee dated July 18, 2011.

"RESOLVED, that any two of the President, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By [Signature] Steven P. Anderson, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation

By [Signature] Mike A. Ito, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company & Senior Vice President of Westport Insurance Corporation



IN WITNESS WHEREOF, North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 08 day of JANUARY, 20 18.

North American Specialty Insurance Company
Washington International Insurance Company
Westport Insurance Corporation

State of Illinois
County of Cook ss:

On this 08 day of JANUARY, 20 18, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of

Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation and Michael A. Ito Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Senior Vice President of Westport Insurance Corporation, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature] M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Vice President and Assistant Secretary of North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company, Washington International Insurance Company and Westport Insurance Corporation which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 25th day of April, 2018.

**AFFIDAVITS**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

**SAMPLE**

Solicitation No. ITB 18-02

**CONTRACTOR AFFIDAVIT AND AGREEMENT**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Dunwoody has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract, contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the City of Dunwoody at the time the subcontractor(s) is retained to perform such service.

46157

E-Verify \* User Identification Number

Company Name  
CMES, INC

Ramesh  
BY: Authorized Officer or Agent Date  
(Contractor Signature)

President  
Title of Authorized Officer or Agent of Contractor

Ramesh S.Suhagia  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

26th DAY OF April, 2018

Pravin N Patel  
Notary Public

My Commission Expires:

**PRAVIN N PATEL - NOTARY PUBLIC**  
**Gwinnett County - State of GA**  
**My Comm. Expires Jan 24, 2021**



\* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is "E-Verify" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

**AFFIDAVITS**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

**SAMPLE**

**Affidavit Verifying Status  
for City Public Benefit Application**

By executing this affidavit under oath, as an applicant for a City of Dunwoody, Georgia Business License or Occupation Tax Certificate, Alcohol License, Taxi Permit or other public benefit as referenced in O.C.G.A. Section 50-36-1, I am stating the following with respect to my application for a City of Dunwoody, Business License or Georgia Occupational Tax Certificate, Alcohol License, Taxi Permit or other public benefit (circle one) for CMES, INC..  
[Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1)   x   I am a United States citizen

OR

2) \_\_\_\_\_ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.\*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant: \_\_\_\_\_ Date 04/26/18  
*Ramesh S. Suhagia*

Printed Name:  
Ramesh S.Suhagia,President

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE  
26th DAY OF April, 2018

\* not applicable  
Alien Registration number for non-citizens

Notary Public  
My Commission Expires: PraVIn N Patel  
**PRAVIN N PATEL - NOTARY PUBLIC**  
**Gwinnett County - State of GA**  
**My Comm. Expires Jan 24, 2021**

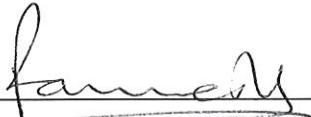
\*Note: O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their alien registration number. Because legal permanent residents are included in the federal definition of "alien", legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below:



QUALIFICATIONS SIGNATURE AND CERTIFICATION

(Bidder to sign and return)

I certify that this offer is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, equipment, or services and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal Law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of the proposal and certify that I am authorized to sign this proposal for the proposer. I further certify that the provisions of the Official Code of Georgia Annotated, Sections 45-10-20 et. Seq. have not been violated and will not be violated in any respect.

Authorized Signature  Date 04/26/18

Print/Type Name Ramesh S.Suhagia,President

Print/Type Company Name Here CMES,INC

## LIST OF REFERENCES

### ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

List below clients (municipalities or government agencies) for whom you have provided similar products or services.

1. COMPANY NAME: Henry County, Board of Commissioners  
ADDRESS: 112 Zack Hinton Parkway  
MCDONOUGH, GA 30253  
CONTACT PERSON: Mr. Roque Romero, Transpotation Project Director  
PHONE NO.: 770-288-7325  
E-MAIL: rrmuniz@co.henry.ga.us
  
2. COMPANY NAME: Cobb County, Department of Transportation  
ADDRESS: 1890 COUNTY SERVICES PARKWAY  
MARIETTA, GA 30008  
CONTACT PERSON: Mr. Jeffrey Neiswender, Office Engineer  
PHONE NO.: 770-528-3654  
E-MAIL: Jeffrey.Neiswender@cobbcounty.org
  
3. COMPANY NAME: Forsyth County, Traffic & Transportation Engineering  
ADDRESS: 110 EAST MAIN STREET SUITE 210  
CUMMINGS, GA 30040  
CONTACT PERSON: Tim L. Allen, Assistant director  
PHONE NO.: 770-781-2165  
E-MAIL: tlallen@forsythco.com

---

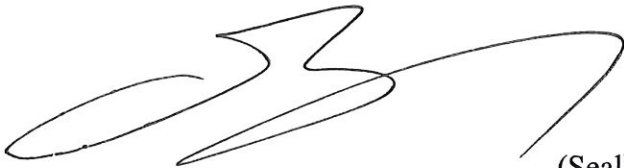
END OF LIST OF REFERENCES

**CORPORATE CERTIFICATE**

**(Bidder to sign and return)**

I, Chatur B.Chhabhaya, certify that I am the Secretary of the Corporation named as Contractor in the foregoing bid; that Ramesh S.Suhagia who signed said bid in behalf of the Contractor, was then (title) President of said Corporation; that said bid was duly signed for and in behalf of said Corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said Corporation is organized under the laws of the State of Georgia.

This 26th day of April, 2018



(Seal)

Chatur B.Chhabhaya, Secretary  
(Signature)

SUBCONTRACTOR LISTING

ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT

Company Name: CMES, INC

I do x, do not \_\_\_\_\_, propose to subcontract some of the work on this project. I propose to subcontract work to the following subcontractors:

SUBCONTRACTOR LISTING

1. Pursuant to bidding requirements for the work titled: **Mount Vernon Rd at Vermack Rd Intersection Improvement**
2. Names of subcontractors from whom quotes, proposals, bids, or other information used to build the Bid were obtained and are proposed by the bidder for subletting, should be listed and **included with the bid**.

Portion of the Work:

Subcontractor Name & Address:

Striping

Tidwell Traffic Solutions  
Atlanta, GA

Erosion Control

Clean Water Consultants  
Winder, GA

Asphalt

Stewart Brothers  
Dalaville, GA

USE ADDITIONAL SHEETS  
IF REQUIRED

Bidder: CMES, INC

By: Ramesh S. Suhagia  
Ramesh S. Suhagia,

Title: President

PROVIDE SIGNATURE IDENTICAL TO THAT SHOWN ON THE BID FORM

END OF PRELIMINARY SUBCONTRACTOR LISTING

**STATEMENT OF EQUIPMENT**

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**

1. Pursuant to bidding requirements for the work titled:

**ITB 18-02: MOUNT VERNON ROAD AT VERMACK ROAD INTERSECTION IMPROVEMENT**


2. Showing Machinery and Other Equipment Available to Contractor for Prosecuting the Work Included in Contract.

Available Machinery and Other

Equipment Kind – Size – Capacity	Location	Owned/ Rented	Date Proposed to be placed on Work
<u>See attached List</u>	<u>On Site</u>	<u>Owned</u>	<u>As needed</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

A complete list of equipment owned by Contractor may be attached to this statement.

The above is a true statement of the equipment available to the undersigned bidder for prosecuting the work included in the contract.

**Signed:**   
**Name:** Ramesh S.Suhagia (print)  
**Title:** President

END OF STATEMENT OF EQUIPMENT

# CMES,INC- Equipment List

Name	Description	Model	Year	Serial No.	Make
AZ0001	AZ 01: ASPHALT ZIPPER:	AZ360 Reclaimer	2000	100791	John Deere
BD0003		650H LT	2004		
BD0005	BD 05: BULLDOZER:	D61PX-15	2006	B41097	KOMATSU
BD0008	BD 08: BULLDOZER:	D61EX-15	2006	B40693	KOMATSU
BD0011	BD 11: BULLDOZER:	D3G LGP	2007	BYRO2022	Caterpillar
BD0012	BD 12: BULLDOZER:	D3G XL C/T	2005	CAT00D3GEJMH01791	Caterpillar
BD0013	BD 13: BULLDOZER:	D3G XL	2005	MHK10958	Caterpillar
BD0014	BD 14: BULLDOZER:	D5GXL	2006	WGB03236	Caterpillar
BD0015	BD 15: BULLDOZER:	D31PX21-A	2007	KMT0D007A01051143	KOMATSU
BD0016	BD 16: BULLDOZER: GPS:	D5K2	2012	CAT0D5K2LKYY00180	Caterpillar
BD0017	BD 17: BULLDOZER: GPS:	D61EX-23	2015	31557	KOMATSU
BD0018	BD 18: BULLDOZER: GPS:	D39EX-23	2015	90913	KOMATSU
BD0019	BD 19: BULLDOZER: GPS:	D39EX-23	2015	90998	KOMATSU
BD0020	BD 20: BULLDOZER: GPS:	D39EX-23	2015	90999	KOMATSU
BD0021	BD 21: BULLDOZER: GPS:	D39PX-23	2015	90904	KOMATSU
BD0022	BD 22: BULLDOZER: GPS:	D61EX-24	2017	B60370	KOMATSU
BD0023	BD 23: BULLDOZER: GPS:	D39EX-24	2017	95702	KOMATSU
BD0024	BD 24: BULLDOZER: GPS:	D39EX-24	2017	95253	KOMATSU
BD0025	BD 25: BULLDOZER: GPS:	D39EX-24	2017	95699	KOMATSU
BD0026	BD 26: BULLDOZER: GPS:	D51EX-24	2017	B20104	KOMATSU
BD0027	BD 27: BULLDOZER: GPS:	D51EX-24	2017	B20103	KOMATSU
BD0028	BD 28: BULLDOZER: GPS:	D51EX-24	2017	B20095	KOMATSU
BD0029	BD 29: BULLDOZER: GPS:	D51EX-24	2017	B20094	KOMATSU
BD0030	BD 30: BULLDOZER: GPS:	D39EX-24	2017	95803	KOMATSU
BD0030	BD 30 LOANER	D39EX-24	2017		
BH0005	BH 05: BACKHOE:	310G	2004	T0310GX941913	John Deere
BH0006	BH 06: BACKHOE:	310G	2005	T0310GX949756	John Deere
BH0007	BH 07: BACKHOE:	310G	2005	T0310GX949711	John Deere
BH0008	BH 08: BACKHOE:	310G	2007	T0310GX963129	John Deere
BH0020	BH 20: BACKHOE:	310G	2006	T0310GX955450	John Deere
BH0021	BH 21: BACKHOE:	310G	2006	T0310GX953027	John Deere
BH0022	BH 22: BACKHOE:	310G	2006	T0310GX957260	John Deere
BL0001		350BT			
BM0001	BM 01: BORING MACHINE:	24/30-150 T4f			American Auger
BT0001	BT 01: BUCKET TRUCK:	L36A	2006		International
DT0003	DT 03: SINGLE AXIL DUMPTRUCK: FLATBED	F-650	2004		Ford
DT0008	DT 08: SINGLE AXIL DUMPTRUCK: BOX	F750	2005		Ford
DT0009	DT 09: SINGLE AXIL DUMPTRUCK: BOX	4000 SERIES 43	2006		International
DT0010	DT 10: SINGLE AXIL DUMPTRUCK: BOX	F750	2005		Ford
DT0011	DT 11: SINGLE AXIL DUMPTRUCK: BOX	F750	2004		Ford
DT0013	DT 13: SINGLE AXIL DUMPTRUCK: FLATBED	F750 XL	2005		Ford
DT0015	DT 15: SINGLE AXIL DUMPTRUCK: FLATBED	F750 XL	2006		Ford
DT0016	DT 16: SINGLE AXIL DUMPTRUCK: FLATBED	ACTERRA M6500	2002		Sterling
DT0017	DT 17: SINGLE AXIL DUMPTRUCK: BOX	F750	2005		Ford
DT0018	DT 18: SINGLE AXIL DUMPTRUCK: BOX	F750	2005		Ford
DT0019	DT 19: SINGLE AXIL DUMPTRUCK: FLATBED	F750 XL Reel	2006		Ford

DT0020	DT 20:SINGLE AXIL DUMPTRUCK: FLATBED: F650 01:	F650	2001		Ford
DT0021	DT 21:SINGLE AXIL DUMPTRUCK: FLATBED: FL70 01:	FL-70	2001		Freightliner
DT0022	DT 22:SINGLE AXIL DUMPTRUCK: FLATBED	F750 XL	2007		FORD
DT0023	DT 23:SINGLE AXIL DUMPTRUCK: FLATBED		2007		FORD
EX0001	EX 01:EXCAVATOR:	315CL	2002	CAT0315CECFT00830	Caterpillar
EX0003	EX 03:EXCAVATOR:	120 LC	2003	FF120CX034209	John Deere
EX0004	EX 04:EXCAVATOR:	200C LC	2004	FF200CX504692	John Deere
EX0006	EX 06:EXCAVATOR:	120C	2003	FF120CX034206	John Deere
EX0008	EX 08:EXCAVATOR:	PC300LC-7L	2006	KMTPC065L54A87139	KOMATSU
EX0009	EX 09:EXCAVATOR:	ZX 350 LC-3	2006	FF01V7Q050500	Hitachi
EX0012	EX 12:EXCAVATOR:	PC88MR-8		5018	KOMATSU
EX0018	EX 18:EXCAVATOR:	PC78MR-6	2007	3033	KOMATSU
EX0021	EX 21:EXCAVATOR:	PC138USLC-8		20089	KOMATSU
EX0027	EX 27:EXCAVATOR:	308DCR	2010	CAT0308DTGBT00373	Caterpillar
EX0028	EX 28:EXCAVATOR:	PC 138 USLC-2		KMTPC044L01002253	KOMATSU
EX0029	EX 29:EXCAVATOR:	314DLCR 28" PAD		CAT0314DJTXN00764	Caterpillar
EX0030	EX 30:EXCAVATOR:	314DLCR 28" PAD		CAT0314DPTXN00762	Caterpillar
EX0031	EX 31:EXCAVATOR:	314DL CR HYDRAU	2009	0BYJ00180	Caterpillar
EX0032	EX 32:EXCAVATOR:	R145LCRD-9A		HZ411PE0000119	HYUNDAI
EX0033	EX 33:EXCAVATOR: GPS:	R145LCRD-9A		HZ411JE0000088	HYUNDAI
EX0034	EX 34:EXCAVATOR:	R145LCRD-9A		HZ411LE0000114	HYUNDAI
EX0035	EX 35:EXCAVATOR:	R80CR-9		HZ101TE00000863	HYUNDAI
EX0036	EX 36:EXCAVATOR:	R80CR-9		HZ101JE00000866	HYUNDAI
EX0037	EX 37:EXCAVATOR:	R235LCR-9A		HZ613LE0000059	HYUNDAI
EX0038	EX 38:EXCAVATOR:	345DL	2010	CAT0345DPEEH00882	Caterpillar
EX0039	EX 39:EXCAVATOR:	R145LCRD-9A		HZ411EF0000425	HYUNDAI
EX0040	EX 40:EXCAVATOR:	R145LCRD-9A		HZ411HE0000163	HYUNDAI
EX0041	EX 41:EXCAVATOR: GPS:	R145LCRD-9A		HZ411CF0000426	HYUNDAI
EX0042	EX 42:EXCAVATOR:	R235LCRD-9A		HZ613CD0000010	HYUNDAI
EX0043	EX 43:EXCAVATOR: GPS:	R235LCRD-9A		HZ613KF0000086	HYUNDAI
EX0044	EX 44:EXCAVATOR: GPS:	R330LC-9A		HZ902KF0000180	HYUNDAI
EX0045	EX 45:EXCAVATOR: GPS:	R300LC-9A		HZ803TF0000227	HYUNDAI
EX0046	EX 46:EXCAVATOR:	R300LC-9A		HZ803PF0000228	HYUNDAI
EX0047	EX 47:EXCAVATOR: GPS:	R330LC-9A		HZ902CF0000179	HYUNDAI
EX0048	EX 48:EXCAVATOR:	PC240LC-10		A20379	KOMATSU
EX0049	EX 49:EXCAVATOR:	PC290LC-10	2014	KMTPC241V54A25443	KOMATSU
EX0050	EX 50:EXCAVATOR:	PC210LC-10	2014	KMTPC243V54A10510	KOMATSU
EX0051	EX 51:EXCAVATOR:	R80CR-9A		HHKHZ104AG0000321	HYUNDAI
EX0052	EX 52:EXCAVATOR:	R80CR-9A		HHKHZ104LG0000322	HYUNDAI
EX0053	EX 53:EXCAVATOR:	R80CR-9A		HHKHZ104HG0000323	HYUNDAI
EX0054	EX 54:EXCAVATOR:	R809CR-9A		HHKHZ104EG0000324	HYUNDAI
EX0055	EX 55:EXCAVATOR:	R60CR-9A		HML04VF0000102	HYUNDAI
EX0056	EX 56:EXCAVATOR:	R35Z-9A		HMH04KG0000143	HYUNDAI
EX0057	EX 57:EXCAVATOR: GPS:	HX145LCR	2017	HHKHK404LH0000201	HYUNDAI
EX0058	EX 58:EXCAVATOR:	HX145LCR	2017	HHKHK404CH0000453	HYUNDAI
EX0059	EX 59:EXCAVATOR:	HX145LCR	2017	HHKHK404EH0000402	HYUNDAI
EX0060	EX 60:EXCAVATOR:	HX145LCR	2017	HHKHK404EH0000251	HYUNDAI
EX0061	EX 61:EXCAVATOR: GPS:	HX235LCR	2017	HHKHK604CG0000018	HYUNDAI
EX0062	EX62:EXCAVATOR:	HX235LCR	2017	HHK604JG0000042	HYUNDAI

EX0063	EX 63:EXCAVATOR:	HX145LCR	2017	HHKHK404CG0000144	HYUNDAI
EX0064	EX 64:EXCAVATOR:	HX145LCR	2017	HHKHK404H0000416	HYUNDAI
EX0065	EX 65:EXCAVATOR:	HX235LCR	2017	HHKHK604HG0000047	HYUNDAI
FT0001	FT 01:FARM TRACTOR:	110A	2013	CF000585M	Case
MB0001	MB 01:MACHINE BROOM:	8HC	2001	28364	LAYMOR
MB0003	MB 03:MACHINE BROOM:	TSS38		23TS0411	Terramite
MB0004	MB 04:MACHINE BROOM:	TSS38	2006	26TS0308	Terramite
MB0005	MB 05:MACHINE BROOM:	SM300	2012	34003	LAYMOR
MB0006	MB 06:MACHINE BROOM:	8HC	2007	32226	LAYMOR
MB0007	MB 07:MACHINE BROOM:	8HC		31662	LAYMOR
MB0008	MB 08:MACHINE BROOM:	TSS48	2007	27TS0436	Terramite
MB0009	MB 09:MACHINE BROOM:	TSS48	2012	CW212TS0213	Terramite
MB0010	MB 10:MACHINE BROOM:	8HC	2012	33671	LAYMOR
MB0011	MB 11:MACHINE BROOM:	8HC		33164	LAYMOR
MB0012	MB 12:MACHINE BROOM:	8HC		33212	LAYMOR
MB0013	MB 13:MACHINE BROOM:	TSS46		EWC212T50212	TERRAMITE
MG0002	MG 02:MOTOR GRADER: GPS:	140H	2006	CAT0140HLCCA01785	Caterpillar
MG0003	MG 03:MOTOR GRADER:	140H	1999	22K04388	Caterpillar
MG0004	MG 04:MOTOR GRADER: GPS:	140H	1999	22K04484	Caterpillar
MG0005	MG 05:MOTOR GRADER:	12H	2002	4XM03162	Caterpillar
MG0006	MG 06:MOTOR GRADER:	12H		4XM00444	CATERPILLAR
ML0001	ML 01: MAGNETIC LOCATOR: JEFF DAVIDSON	ML-3S	2018	17M3S0485	CONSTRUCTION LASER
MM0001	MM 01:MILLING MACHINE:	W150I		06130140	Wirtgen
MSB003	MSB 03: MESSAGE BOARD	MM02			
MSB004	MSB 04:MESSAGE BOARD:	MM01		452246	Solar Tech
MSB005	MSB 05:MESSAGE BOARD:	WTLMB		5F12S1615B1004470	Wanco
MSB006	MSB 06:MESSAGE BOARD:	WTLMB-A 10		5F12S1617B1004471	Wanco
MSB007	MSB 07:MESSAGE BOARD:			1P91217132031171	Messageboard
MSB008	MSB 08:MESSAGE BOARD:			1P912172YG301010	Messageboard
MSB009	MSB 09:MESSAGE BOARD:			1P91217152G301155	Messageboard
MSB010	MSB 10:MESSAGE BOARD:			1P91217132G301154	Messageboard
MSB011	MSB 11: MESSAGE BOARD	WTMMB	2018	5F12S1613J1000349	WANCO
MSB012	MSB 12: MESSAGEBOARD	WTMMB	2018	5F12S131XJ000350	WANCO
MT0002	MT 02:MECHANIC TRUCK:	M2	2004		Freightliner
MT0003	MT 03:MECHANIC TRUCK:	F750	2006		Ford
MT0004	MT 04:LUBE TRUCK:	LOUISVILLE LN9000	1997		FORD
MTLS01	MTLS 01:ATTACHMENT: LUBE SKID:				Lube Skid
NV2001	NV 200 01:SURVEY VAN: MICHAEL LAWLIS	NV200 2.5S/SV	2013		Nissan
NV2002	NV 200 02:SURVEY VAN:	NV200 2.5 S/SV	2013		Nissan
OT 01	OT 01	A35C			
OT 02		A35C	1997		
OT0005	OT 05:OFFROAD TRUCK:	A25F	2012	80056	Volvo
OT0006	OT 06:OFFROAD TRUCK:	A25F	2012	73430	Volvo
PT0001	PT 01:PICKUP TRUCK:OPEN	RAM 2500	2001		Dodge
PT0002	PT 02:PICKUP TRUCK: Ricardo Linton	F150 - Sliver	2011		Ford
PT0003	PT 03:PICKUP TRUCK: JOHN MAXFIELD	F150	2013		Ford
PT0004	PT 04:PICKUP TRUCK:JESSE MIRE	F150	2013		Ford
PT0005	PT 05:PICKUP TRUCK: JIMMY JOHNSON	F150	2013		Ford
PT0007	PT 07:PICKUP TRUCK: Milind Dalal	F150	2013		Ford



PT0008	PT 08:PICKUP TRUCK: Leslie Grizzle	F150XL	2011	Ford
PT0010	PT 10:PICKUP TRUCK: OPEN	F150 XL	2011	Ford
PT0011	PT 11:PICKUP TRUCK: OPEN	F150 XL	2007	Ford
PT0012	PT 12:PICKUP TRUCK: Ivan Rodriguez	F150	2012	Ford
PT0013	PT 13:PICKUP TRUCK: Elbert Simmons	F150	2012	Ford
PT0014	PT 14:PICKUP TRUCK: Amrut Parmar	F150	2012	Ford
PT0015	PT 15:PICKUP TRUCK: PAUL SWISHER	F150	2011	Ford
PT0016	PT 16:PICKUP TRUCK: WILLIAM KATO	F150	2011	Ford
PT0017	PT 17:PICKUP TRUCK: ARAVIND REDDY	F150	2011	Ford
PT0018	PT 18:PICKUP TRUCK: HORACIO ESCALANTE	F150 XL	2011	Ford
PT0019	PT 19:PICKUP TRUCK: Brian Kilgore	F-150	2014	Ford
PT0020	PT 20:PICKUP TRUCK: OPEN	Sierra	2003	Gmc
PT0021	PT 21:PICKUP TRUCK: SIDD BALAR	F150 XL	2015	Ford
PT0022	PT 22:PICKUP TRUCK: Jimmy Brown	F150 XL	2015	Ford
PT0023	PT 23:PICKUP TRUCK: JENNIFER PAYNE	F150 XL	2015	Ford
PT0024	PT 24:PICKUP TRUCK: JUAN MENDEZ	F250 XL	2015	Ford
PT0025	PT 25:PICKUP TRUCK: RAMESH KHANT "RK"	F-150 SUPERCAB	2015	Ford
PT0026	PT 26:PICKUP TRUCK: HARESH KACHCHI	F-150 SUPERCAB	2015	Ford
PT0027	PT 27:PICKUP TRUCK: VIPUL PATEL	F150 SUPERCAB	2015	Ford
PT0028	PT 28:PICKUP TRUCK: JEFF DAVIDSON	F-150 SUPERCAB	2015	Ford
PT0029	PT 29:PICKUP TRUCK: RAJ PATEL	F-150 SUPERCAB	2015	Ford
PT0030	PT 30:PICKUP TRUCK: DHARUVIN GAJERA	F150	2011	Ford
PT0031	PT 31:PICKUP TRUCK: Maulik Patel	F150	2015	Ford
PT0032	PT 32:PICKUP TRUCK: JOEY BUTLER	F150	2015	Ford
PT0033	PT 33:PICKUP TRUCK: Mehul Gajera	F150	2016	Ford
PT0034	PT 34:PICKUP TRUCK: ANTHONY DAVIDSON	SILVERADO	2015	CHEVROLET
PT0035	PT 35:PICKUP TRUCK: Michael Shane Taylor	SILVERADO	2015	CHEVROLET
PT0036	PT 36:PICKUP TRUCK: WAYNE HOCH	SILVERADO	2016	CHEVROLET
PT0037	PT 37:PICKUP TRUCK: F150 PU:	F-150	2003	Ford
PT0038	PT 38:PICKUP TRUCK: FXL15004:	F150 XL WHITE	2004	Ford
PT0039	PT 39:PICKUP TRUCK: CHEVY O7: SHOP	Colorado	2007	CHEVROLET
PT0040	PT 40:PICKUP TRUCK: F150 08:MARSHALL COOPER	F-150	2008	Ford
PT0041	PT 41:PICKUP TRUCK: John Bellam	Frontier	2017	Nissan
PT0042	PT 42:PICKUP TRUCK: Keith Williams	Silverado	2017	CHEVROLET
PT0043	PT 43:PICKUP TRUCK: Jeff Ashworth	SILVERADO	2017	CHEVROLET
PT0044	PT 44:PICKUP TRUCK	Silverado	2017	CHEVROLET
PT0045	PT 45:PICKUP TRUCK: DANIEL MILLER	F150	2017	FORD
PT0046	PT 46:PICKUP TRUCK: Joe Baker	F150 Super Cab	2017	Ford
PT0047	PT 47:PICKUP TRUCK: TIM BRIDGES	F150 SUPER CAB	2017	FORD
PT0048	PT 48:PICKUP TRUCK: Paul Ehlermann	F150 SUPERCAB	2017	FORD
PT0049	PT 49:PICKUP TRUCK: RICHARD NATHAN LEE	F150 SUPER CAB	2017	FORD
PT0050	PT 50:PICKUP TRUCK: TONY FOOSHEE	F-150 SUPER CAB	2017	FORD
PT0051	PT 51:PICKUP TRUCK: JAMES FRICKS	SILVERADO	2017	CHEVROLET
PT0052	PT 52:PICKUP TRUCK: Richard Heath	SILVERADO DOUBLE CAB	2016	CHEVROLET
PT0053	PT 53:PICKUP TRUCK: Ian Thompson	F-150	2017	FORD
PT0054	PT 54: PICKUP TRUCK: SITE TRUCK	2500 HD	2001	CHEVROLET
PT0055	PT 55: PICKUP TRUCK	F-150	2018	FORD
PT0056	PT 56: PICKUP TRUCK	F-150	2018	FORD
PT0057	PT 57: PICKUP TRUCK	F-150	2018	FORD

PW0002	PW 02:PRESSURE WASHER:	LB-PWH03601			Morpower
PWT002	PWT 02:PRESSURE WASHER TRAILER:	157595	2015		NORTH STAR
PWT003	PWT 03:PRESSURE WASHER TRAILER: Jeff Ashworth		2018		CAON
RP0005	RP 05:PADFOOT ROLLER:	3205	2005	H1580114	Hamm
RP0006	RP 06:PADFOOT ROLLER:	CP563D-	2002	92W00122	Caterpillar
RP0007	RP 07:PADFOOT ROLLER:	SD45F	2007	194265	Ingersoll-Rand
RP0008	RP 08:PADFOOT ROLLER:	815		91P899	Caterpillar
RP0009	RP 09:PADFOOT ROLLER:	SD45DTF	2004	174946	Ingersoll-Rand
RP0011	RP 11:PADFOOT ROLLER:	H 11ix P	2015	H2100529	Hamm
RP0012	RP 12:PADFOOT ROLLER:	H11ixP	2015	H2100593	Hamm
RP0013	RP 13:PADFOOT ROLLER:	H7IP	2015	H222.0394	Hamm
RP0014	RP 14:PADFOOT ROLLER:	H5ip	2015	H222.0091	Hamm
RP0015	RP 15:PADFOOT ROLLER:	HR120C	2017	119781	HYUNDAI
RP0016	RP 16:PADFOOT ROLLER:	HR120C	2017	119782	HYUNDAI
RS 25		RD11A	1994		
RS0006	RS 06:SMOOTH DRUM ROLLER:	RD11A	2004	5633207	Wacker
RS0007	RS 07:SMOOTH DRUM ROLLER:	405D	2004	9601403	Vibromax
RS0008	RS 08:SMOOTH DRUM ROLLER:	SD45D	2004	178691	Ingersoll-Rand
RS0009	RS 09:SMOOTH DRUM ROLLER:	3205	2006	178691	Hamm
RS0010	RS 10:SMOOTH DRUM ROLLER:	VM106D	2005	JKC9701102	Vibromax
RS0011	RS 11:SMOOTH DRUM ROLLER:	SD100DB	1998	151437	Ingersoll-Rand
RS0013	RS 13:SMOOTH DRUM ROLLER:	SD45DTF	2004	175283	Ingersoll-Rand
RS0014	RS 14:SMOOTH DRUM ROLLER:	RD11A	2005	5560708	Wacker
RS0016	RS 16:SMOOTH DRUM ROLLER:	CB14	2008	CAT0CB14VDST00219	Caterpillar
RS0017	RS 17:SMOOTH DRUM ROLLER:	SD100D	2008		Volvo
RS0018	RS 18:SMOOTH DRUM ROLLER:	CS433E	2004		Caterpillar
RS0019	RS 19:SMOOTH DRUM ROLLER:	H11I	2013	H2110038	Hamm
RS0020	RS 20:SMOOTH DRUM ROLLER:	H11ix	2015	H2100541	Hamm
RS0021	RS 21:SMOOTH DRUM ROLLER:	H7I	2015	H222.0093	Hamm
RS0022	RS 22:SMOOTH DRUM ROLLER:	H5I	2015	H222.0554	Hamm
RS0023	RS 23:SMOOTH DRUM ROLLER:	DD16	2011	VCE00D16D0S275789	Volvo
RS0024	RS 24:SMOOTH DRUM ROLLER:	DD16	2011		Volvo
RS0026	RS 26:SMOOTH DRUM ROLLER:	HR110C	2014	HJ004KF0006114	HYUNDAI
RS0027	RS 27:SMOOTH DRUM ROLLER:	HR70C	2017	25011211E117297	HYUNDAI
RS0028	RS 28:SMOOTH DRUM ROLLER:	HR70C	2017	25011211E119457	HYUNDAI
RS0029	RS 29:SMOOTH DRUM ROLLER:	HR120C	2017	119783	HYUNDAI
RS0030	RS 30:SMOOTH DRUM ROLLER:	HR120C	2017	19778	HYUNDAI
RS0031	RS 31:ROLLER: DC 01	DD34HF	2001	168681	Ingersoll-Rand
RS0032	RS 32:ROLLER: DC 02	DD-38HF	2007		
RSK001	RSK 01:SURVEY EQUIPMENT:	S6532200-RFB			Trimble
RSK002	RSK 02:SURVEY EQUIPMENT:	S6		93212134	Trimble
RW0001	RW 01:ROAD WIDENER:	SPD-8		295	Midland
SLT020	SLT 20:SKID STEER:	TL150	2007	21503964	Takeuchi
SLT021	SLT 21:SKID STEER:	259B3	2013	CAT0259BEYYZ04952	Caterpillar
SLT023	SLT 23:SKID STEER:	0259B3	2013	CAT0259BTYYZ05036	Caterpillar
SLT024	SLT 24:SKID STEER:	259B3	2013	CAT0259BKYYZ04973	Caterpillar
SLT025	SLT 25:SKID STEER:	259B3	2013	CAT0259BCYYZ04953	Caterpillar
SLT026	SLT 26:SKID STEER:	259B3	2013	CAT0259BLYYZ05029	Caterpillar
SLT028	SLT 28:SKID STEER:	259B3	2013	CAT0259BPYYZ04941	Caterpillar

SLT029	SLT 29:SKID STEER:	259B3	2013	CAT0259BPYYZ05037	Caterpillar
SLT030	SLT 30:SKID STEER:	259B3	2013	CAT0259BCYYZ04958	Caterpillar
SLT031	SLT 31:SKID STEER:	TL10	2013	201001572	Takeuchi
SLT032	SLT 32:SKID STEER:	TL10		201001595	Takeuchi
SLT033	SLT 33:SKID STEER:	TL10	2015	201001404	Takeuchi
SLT034	SLT 34:SKID STEER:	TL10		201001425	Takeuchi
SLT035	SLT 35:SKID STEER:	TL10		201001571	Takeuchi
SLT036	SLT 36:SKID STEER:	TL10		201001610	Takeuchi
SLT038	SLT 38:SKID STEER:	TL10	2015	201001710	Takeuchi
SLT039	SLT 39:SKID STEER:	TL10	2015	201001782	Takeuchi
SLT040	SLT 40:SKID STEER:	TL10	2015	201001896	Takeuchi
SLT041	SLT 41:SKID STEER:	TL 10		201002574	Takeuchi
SLT042	SLT 42:SKID STEER:	TL 10		201002571	Takeuchi
SLT043	SLT 43:SKID STEER:	TL 10		201002499	Takeuchi
SLT044	SLT 44:SKID STEER:	TL 10		201002581	Takeuchi
SLT045	SLT 45:SKID STEER:	TL 10	2016	201002789	Takeuchi
SLT046	SLT 46:SKID STEER:	TL 10	2016	201002973	Takeuchi
SLT047	SLT 47:SKID STEER:	TL 10	2016	201002976	Takeuchi
SLT048	SLT 48:SKID STEER:	TL 10	2016	201002972	Takeuchi
SLT049	SLT 49:SKID STEER:	TL10	2016	201003175	Takeuchi
SLT050	SLT 50:SKID STEER:	TL10	2016	20012861	Takeuchi
SLT051	SLT 51:SKID STEER:	TL10	2016	201003045	Takeuchi
SLT052	SLT 52:SKID STEER: SL 15:	SK1020-5N		A70507	KOMATSU
TDT003	TDT 03:TANDEM DUMP TRUCK:OPEN	CL120	2007		Freightliner
TDT004	TDT 04:TANDEM DUMP TRUCK:STEVE SEYMOUR	CL 120 COLUMBIA	2007		Freightliner
TDT005	TDT 05:TANDEM DUMP TRUCK:GARY GRIFFIN	LT9513	2007		Sterling
TDT010	TDT 10:TANDEM DUMP TRUCK: JOHNNY BERRY	GU713 Mack 2017	2006		Mack
TDT011	TDT 11:TANDEM DUMP TRUCK: JEFF PETRY	GU713 Mack 2017	2017		Mack
TDT012	TDT 12:TANDEM DUMP TRUCK:LAURA DE LEON	GU713 Mack 2017	2017		Mack
TDT013	TDT 13:TANDEM DUMP TRUCK: JAMAL MATHIS	CTP713	2017		Mack
TM0001	TM 01:TAMPING MACHINE:				Mueller
TM0002	TM 02:TAMPING MACHINE: ANTHONY DAVIDSON				
TP0001	TP 01:TEST PUMP:	DHP-3B		32157	Rice
TR0010	TR 10:TRENCH ROLLER:	118	2008		Boxer
TR0011	TR 11:TRENCH ROLLER:	RT820	2012	20055748	Wacker
TR0012	TR 12:TRENCH ROLLER:	RT820	2012	20051670	Wacker
TR0013	TR 13:TRENCH ROLLER:	RT82-SC		5932794	Wacker
TR0014	TR 14:TRENCH ROLLER:	RT82-SC		5920873	Wacker
TR0015	TR 15:TRENCH ROLLER:	Neuson RT	2010	5894001	Wacker
TR0016	TR 16:TRENCH ROLLER:	RTSC2	2010	5909330	Wacker
TR0017	TR 17:TRENCH ROLLER:	RTSC2	2010	5913944	Wacker
TR0018	TR 18:TRENCH ROLLER: RS 15:	RT82SC2	2007	5786605	Wacker
TR0019	TR 19:TRENCH ROLLER:	RT82SC		20083259	WACKER
TR0020	TR 20:TRENCH ROLLER:	RT82SC		20069451	WACKER
TR0021	TR 21:TRENCH ROLLER:	RT82SC		20079475	WACKER
TT0001	TT 01:TRAILER:	2010 CAROLINA	2010		Carollna
TT0002	TT 02:TRAILER:	45x96	1996		Great Dane
TT0003	TT 03:TRAILER: UT 01:	Econoline Trailer	2002		Econoline
TT0004	TT 04:TRAILER: UT 08:	SB 1300	2003		Trailer

TT0006	TT 06:TRAILER: UT 11: JUAN MENDEZ	PRIME TRAILER	2005		Prime
TT0007	TT 07:TRAILER: UT 13:	D010T202LP	2007		Superline
TT0008	TT 08:TRAILER: UT 14:	SUPPOERLINE TRAILER	2006		Superline
TT0009	TT 09:TRAILER: LB 02:	55GSL03	2016		Eager Beaver
TT0010	TT 10:TRAILER: T14 01:	Hooper	2005		Hooper
TT0011	TT 11:TRAILER:	6X12GWPTLED	2017		
UT0006	UT 06:UTILITY TRUCK:	NPR	1997		Isuzu
UT0012	UT 12:UTILITY TRUCK: PAUL JUDGE	NPR	2005		Isuzu
UT0015	UT 15:UTILITY TRUCK: VICTOR CALDERON	FL70	2004		Freightliner
UT0016	UT 16:UTILITY TRUCK: DT 12:	F-350	2001		Ford
UT0017	UT 17:UTILITY TRUCK: G4500 03:	G4500	2003		GMC
UT0018	UT 18:UTILITY TRUCK:	3500	1999		CHEVROLET
WBS002	WBS 02:WALK BEHIND SAW: MEHUL	FS513			Husqvarna
WD0001	WD 01:WELDER (MT 03):	250		LK360520H	Kohler
WD0002	WD 02:WELDER:	350		MG340515R	Miller
WL0001	WL 01:WHEEL LOADER:	721D	2005	JEE0138347	Case
WL0010	WL 10:WHEEL LOADER:	WA180PT-3MC	2003	A88119	KOMATSU
WL0011	WL 11:WHEEL LOADER:	WA180PT-3MC	2003	A88060	KOMATSU
WL0012	WL 12:WHEEL LOADER:	WA 200-7	2015	80689	KOMATSU
WL0013	WL 13:WHEEL LOADER:	WA 200-7	2017	81469	KOMATSU
WL0014	WL 14:WHEEL LOADER:	HL940	2017	HHKHW400EH0000316	HYUNDAI
WL0015	WL 15:WHEEL LOADER:	HL940	2017	HHKHW400CH0000317	HYUNDAI
WL0016	WL 16: WHEEL LOADER	HL 7004-9A	2012	HLN05AD0000011	HYUNDAI
WP0007	WP 07:WATER PUMP:	WB30X			Honda
WP0008	WP 08:WATER PUMP:	Powerhorse 3"		03120047	Semi Trash
WP0009	WP 09: WATER PUMP	HONDA	2018	109173	NORTH STAR
WT0001	WT 01:WATER TRUCK:	F750XL			Ford
WT0002	WT 02:WATER TRAILER:	LE 54081	2004		Water Tank
WT0004	WT 04:WATER TRAILER:	EXP500SG			Wylie
WT0005	WT 05:WATER TRUCK:	4900	2005		International
WT0006	WT 06:WATER TRUCK:	F750 XL	2007		Ford
WT0007	WT 07:WATER TRUCK:	F750	2007		Ford
WT0008	WT 08:WATER TRAILER:	WYLIE	2007		Traller
WT0009	WT 09:WATER TRUCK:	4300	2007		International
WT0010	WT 10:WATER TRUCK:	4300	2007		International
WT0011	WT 11:WATER TRUCK:	4300	2007		International
WT0012	WT 12:WATER TRUCK:	4300	2007		INTERNATIONAL
WW0001	WW 01:WEED WACKER:	SRM-225		T799141690303	ECHO

## **RAMESH S. SUHAGIA, P.E.**



### **Education**

MS, Civil Engineering - Transportation,  
Georgia Institute of Technology,  
Atlanta, GA 1992

MS, Civil Engineering - Structural, L.D.  
Engineering College, Gujarat University,  
Ahmadabad, India

### **Professional Certifications & Registrations**

GA PE #023027

Leadership & Team Building Mgmt.

Trained in Software like CEAL, CAICE,  
HCSS, View Point, ComputerEase,  
Proest, Primavera

Construction Safety Training  
Erosion Control Certification

### **Professional Affiliations**

American Society of Civil Engineers

### **Years of Experience**

Since 1986

As Principal Founder, Mr. Suhagia is responsible for overall Operations Management of "CMES". With (29) years of technical and managerial experience in the private and publics sectors, he is directly involved in implementing QA/QC programs for each and every job handled by "CMES" and is responsible for proper execution, timely completion and delivery of jobs. As a design engineer / computer programmer, he has worked on the design of infrastructures relating to Highways and Irrigation projects. He has also worked with TRW on various Olympic projects such as Intelligent Vehicle System (IVS), for traffic management during the 1996 Olympic rush. Further experience include exploring project feasibility, conducting field surveys, preparing designs, construction plans and specifications.

As President of the Company, Mr. Suhagia's duties include joining in marketing efforts, i.e. to locate, identify and analyze potentially profitable jobs in the market; prepare estimates and rank selected jobs to pursue; submit proposals and go through bidding / negotiation phases to win jobs. Then, put together a team, prepare operating budget, schedule and execution plan for each job brought in. Execution plans are tailored to permit implementing effective Quality Control, Job Cost Control and Schedule Control systems. Mr. Suhagia's success in completing a wide variety of construction projects within budget and on schedule has demonstrated effective personnel management, budget and schedule control skills which contributed to the company's growth. To keep a job on track throughout its duration, Mr. Suhagia follows a simple but very powerful approach. He conducts periodic QC and safety meetings, organize monthly progress review meetings and holds conflict management meetings as often as necessary.

**During the span of operations, individual projects completed have ranged from \$ 98,000.00 to over \$ 11,400,000.00.**

**Total No. of Projects Completed: 128 - For details see the list of projects completed above.  
Total Contract Amount of Completed Projects: \$ 204,033,519.13**

**Projects have been successfully completed on time and within budget by CMES, Inc. in the Metro Atlanta Area and surrounding counties which include:**

Gwinnett County  
DeKalb County  
Forsyth County  
Jackson County  
Clayton County  
Banks County  
Clarke County  
City of Roswell  
City of Sandy Springs

Cobb County  
Fulton County  
Henry County  
Cherokee County  
Hall County  
Walton County  
Forsyth County  
City of Decatur

**CHATUR B. CHHABHAYA,  
B.S.C.E.**



**Education**

B.S. Civil Engineering - Gujarat State  
University, Ahmadabad, India

**Professional Certifications &  
Registrations**

Utility Manager License #UM001500  
Real Estate Consultant  
Real Estate - Land Acquisition  
Construction Safety Training  
Erosion Control Certification  
Trained in Software like CEAL, CAICE,  
HCSS, View Point, ComputerEase, Proest,  
Primavera

**Professional Affiliations**

American Society of Civil Engineers

**Years of Experience**

Since 1989

As Chief Executive Officer and one of the Principle Founders, Mr. Chhabhaya is responsible for the overall success of the firm. He works closely with the clients and joins the President in regard to major aspects of projects' development including planning and program management for every project handled by "CMES". He is directly involved in Marketing and General Administration of the firm. Personnel management and support in team building for special projects is his specialty. Expertise in implementing job cost control systems has helped "CMES" in bidding successfully highly competitive jobs. Cost control coupled with efficient construction methods has helped "CMES" with repeat jobs. His responsibilities also include general Contract Administration and all legal and financial matters for the company. He also provides needed support to the frontline construction force and manages the pool of sub-contractors.

**During the span of operations, individual projects completed have ranged from \$ 98,000.00 to over \$ 11,400,000.00.**

**Total No. of Projects Completed: 128 - For details see the list of projects completed above.  
Total Contract Amount of Completed Projects: \$ 204,033,519.13**

**Projects have been successfully completed on time and within budget by CMES, Inc. in the Metro Atlanta Area and surrounding counties which include:**

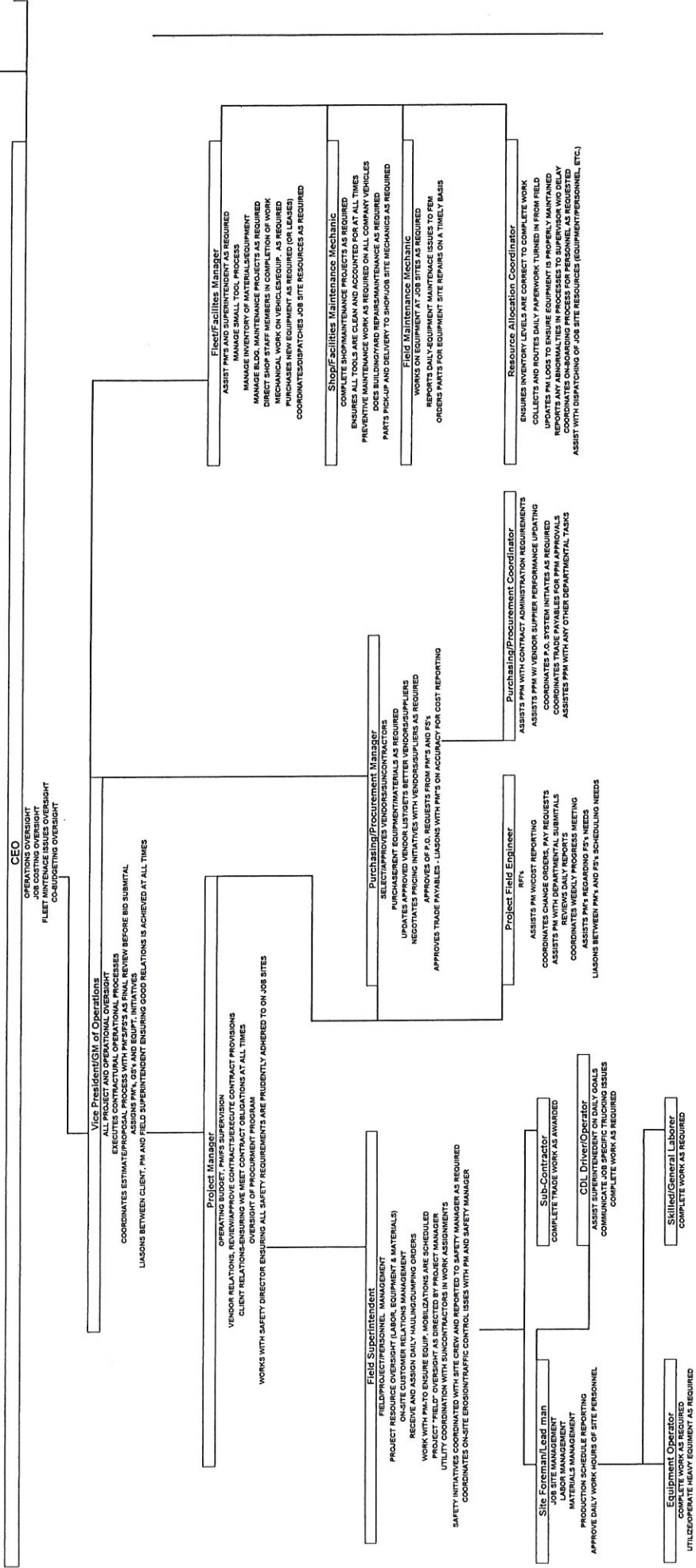
Gwinnett County  
DeKalb County  
Forsyth County  
Jackson County  
Clayton County  
Banks County  
Clarke County  
City of Roswell  
City of Sandy Springs

Cobb County  
Fulton County  
Henry County  
Cherokee County  
Hall County  
Walton County  
Forsyth County  
City of Decatur

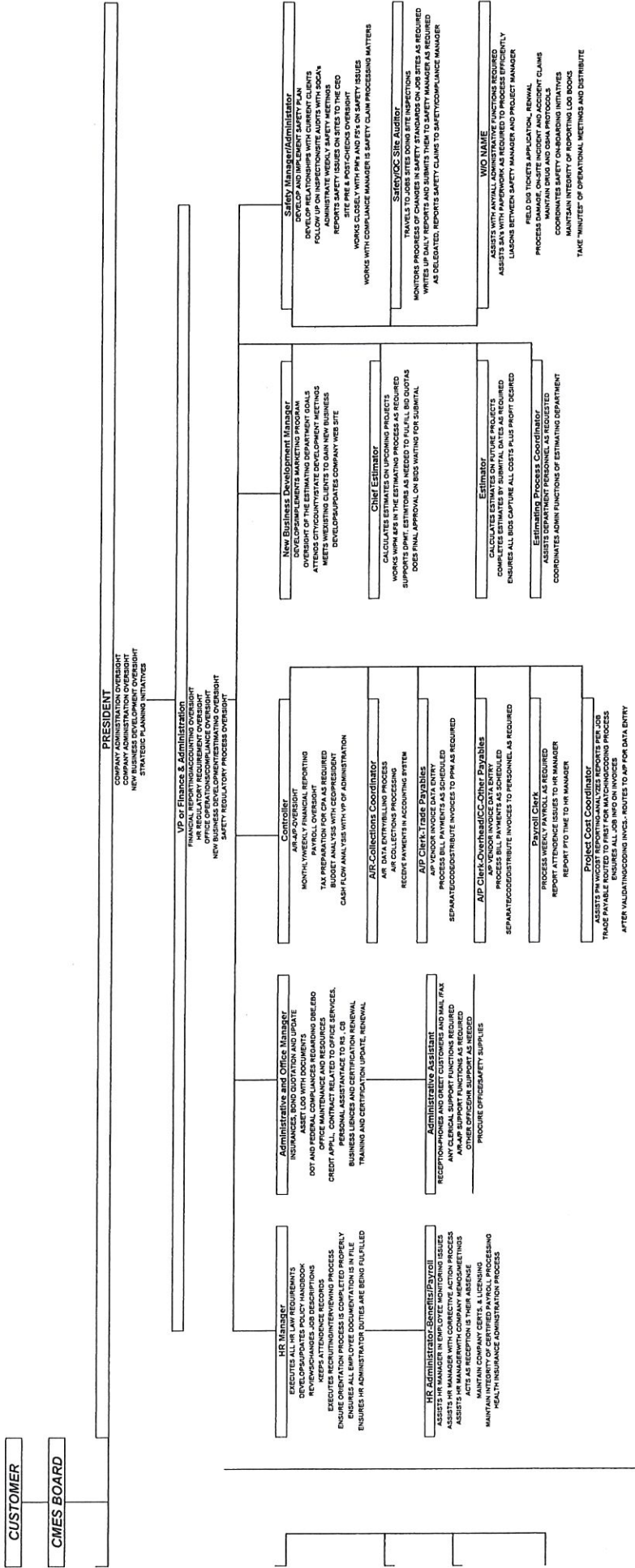
# CMES, Inc. Functional Organization Chart

CUSTOMER

CMES BOARD



CMES, Inc.  
Functional Organization Chart







September 14, 2016

**CERTIFICATE OF QUALIFICATION**  
**Vendor ID: 2CM100**

CMES, Inc.  
6555 McDonough Drive  
Norcross, GA 30093

In accordance with The Rules and Regulations governing the Prequalification of Prospective Bidders, the Georgia Department of Transportation has assigned the following Rating. This Certificate of Qualification is effective on the date of issue and cancels and supersedes any Certificates previously issued:

**MAXIMUM CAPACITY RATING**

**\$101,500,000**

**CERTIFICATE EXPIRES**

**September 30, 2018**

The total amount of incomplete work, regardless of its location and with whom it is contracted, whether in progress or awarded but not yet begun, shall not exceed the Maximum Capacity Rating. If dissatisfied with the Rating, we direct you to the Appeals Procedures in §672-5-.08 (1) & (2) and §672-1-.05, Rules of the State Department of Transportation.

In order to be continuously eligible to bid with this Department, your next application for prequalification must be submitted before the expiration date. If you desire to submit an application some intermediate period before the expiration date, your Rating will be reviewed on the basis of the new application.

This Prequalification Certificate is issued for contractors to be eligible for work with the Georgia Department of Transportation (GDOT) only. GDOT does not certify contractors as eligible to do business with entities other than GDOT.

Sincerely,

A handwritten signature in black ink, appearing to read "Marc Mastronardi", is written over a light blue horizontal line.

Marc Mastronardi, P.E.  
Chairman, Prequalification Committee/Contractors

MM:ASB



# Gwinnett County Licensing and Revenue

446 W. Crogan Street - Suite 125  
Lawrenceville, GA 30046

# 2018

NOT  
TRANSFERABLE

**DISPLAY THIS CERTIFICATE AT BUSINESS LOCATION FOR PUBLIC VIEW**

Date Issued:	<b>March 1, 2018</b>	Certificate Number:	<b>2018077056</b>
Expires:	<b>March 31, 2019</b>	Fee:	<b>\$20,080.00</b>
Business Name:	<b>CMES INC</b>		
Description:	<b>All Other Specialty Trade Contractors</b>		

MAIL TO:  
CMES INC  
C/O CHATUR B CHHABHAYA  
6555 MCDONOUGH DR  
NORCROSS GA 30093-1212

Business Location  
6555 MCDONOUGH DR  
NORCROSS GA 30093-1212

**Only valid at this location and when location conforms to Gwinnett County Ordinance**



**STATE OF GEORGIA**  
**Brian P. Kemp, Secretary of State**  
State Construction Industry Licensing Board  
Utility Contractor

License No. UC301152

Status: Active

**CMES, Inc.**  
**6555 McDonough Dr.**  
**Norcross GA 30093**

Issued: 6/27/2002  
Expires: 4/30/2019

Chatur B Chhabhaya



Real-time license verification is available at [sos.georgia.gov/PLB](http://sos.georgia.gov/PLB)

The Certificate above may be used for wall display.

The Card below may be used as the pocket identification card.

Notify the Board office of name/address changes at:

Georgia Secretary of State  
Professional Licensing Boards  
237 Coliseum Drive  
Macon, GA 31217-3858

Or visit us online at:  
<http://www.sos.ga.gov/plb/>



**STATE OF GEORGIA**  
**Brian P. Kemp, Secretary of State**  
State Construction Industry Licensing Board  
Utility Contractor  
License No. UC301152 - Active

**CMES, Inc.**  
**6555 McDonough Dr.**  
**Norcross GA 30093**

Issued: 6/27/2002  
Expires 4/30/2019

Chatur B Chhabhaya

Real-time license verification is available at [sos.georgia.gov/PLB](http://sos.georgia.gov/PLB)



ROADWAY ITEMS				<i>Internal Estimate</i>		<i>CMES Inc</i>		<i>GDP</i>		<i>Ohmshiv</i>		<i>A1 Contracting</i>		<i>Blount Const</i>		<i>Precision 2000</i>		<i>Site Engineering</i>	
GDOT Pay Item	Description	UOM	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
150-1000	TRAFFIC CONTROL-MOUNT VERNON	LS	1	\$64,500.00	<b>\$129,000.00</b>	\$113,187.00	<b>\$113,187.00</b>	\$222,053.51	<b>\$222,053.51</b>	\$125,000.00	<b>\$125,000.00</b>	\$21,500.00	<b>\$21,500.00</b>	\$128,157.95	<b>\$128,157.95</b>	\$159,000.00	<b>\$159,000.00</b>	\$400,000.00	<b>\$400,000.00</b>
163-0232	TEMPORARY GRASSING	AC	1	\$1,000.00	<b>\$1,000.00</b>	\$200.00	<b>\$200.00</b>	\$747.50	<b>\$747.50</b>	\$500.00	<b>\$500.00</b>	\$850.00	<b>\$850.00</b>	\$1,019.70	<b>\$1,019.70</b>	\$1,072.00	<b>\$1,072.00</b>	\$1,500.00	<b>\$1,500.00</b>
163-0240	MULCH	TN	20	\$550.00	<b>\$11,000.00</b>	\$225.00	<b>\$4,500.00</b>	\$500.25	<b>\$10,005.00</b>	\$250.00	<b>\$5,000.00</b>	\$550.00	<b>\$11,000.00</b>	\$607.70	<b>\$12,154.00</b>	\$584.00	<b>\$11,680.00</b>	\$100.00	<b>\$2,000.00</b>
163-0300	CONSTRUCTION EXIT	EA	6	\$1,250.00	<b>\$7,500.00</b>	\$900.00	<b>\$5,400.00</b>	\$1,380.00	<b>\$8,280.00</b>	\$1,000.00	<b>\$6,000.00</b>	\$1,850.00	<b>\$11,100.00</b>	\$944.31	<b>\$5,665.86</b>	\$1,300.00	<b>\$7,800.00</b>	\$1,500.00	<b>\$9,000.00</b>
163-0528	CONSTRUCT AND REMOVE FABRIC CHECK DAM – TYPE C SILT FENCE	LF	30	\$5.00	<b>\$150.00</b>	\$26.00	<b>\$780.00</b>	\$15.53	<b>\$465.90</b>	\$3.00	<b>\$90.00</b>	\$15.00	<b>\$450.00</b>	\$27.40	<b>\$822.00</b>	\$26.00	<b>\$780.00</b>	\$10.00	<b>\$300.00</b>
163-0542	CONSTRUCT AND REMOVE STONE FILTER RING	EA	1	\$450.00	<b>\$450.00</b>	\$600.00	<b>\$600.00</b>	\$862.50	<b>\$862.50</b>	\$125.00	<b>\$125.00</b>	\$375.00	<b>\$375.00</b>	\$1,556.85	<b>\$1,556.85</b>	\$548.00	<b>\$548.00</b>	\$500.00	<b>\$500.00</b>
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	7	\$250.00	<b>\$1,750.00</b>	\$180.00	<b>\$1,260.00</b>	\$201.25	<b>\$1,408.75</b>	\$125.00	<b>\$875.00</b>	\$210.00	<b>\$1,470.00</b>	\$268.62	<b>\$1,880.34</b>	\$205.00	<b>\$1,435.00</b>	\$400.00	<b>\$2,800.00</b>
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	1,775	\$1.50	<b>\$2,662.50</b>	\$0.25	<b>\$443.75</b>	\$0.75	<b>\$1,331.25</b>	\$0.50	<b>\$887.50</b>	\$0.60	<b>\$1,065.00</b>	\$0.62	<b>\$1,100.50</b>	\$0.78	<b>\$1,384.50</b>	\$2.00	<b>\$3,550.00</b>
165-0041	MAINT. OF CHECK DAMS - ALL TYPES	LF	15	\$20.00	<b>\$300.00</b>	\$10.00	<b>\$150.00</b>	\$8.05	<b>\$120.75</b>	\$20.00	<b>\$300.00</b>	\$8.00	<b>\$120.00</b>	\$10.28	<b>\$154.20</b>	\$26.00	<b>\$390.00</b>	\$10.00	<b>\$150.00</b>
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	6	\$675.00	<b>\$4,050.00</b>	\$250.00	<b>\$1,500.00</b>	\$115.00	<b>\$690.00</b>	\$250.00	<b>\$1,500.00</b>	\$75.00	<b>\$450.00</b>	\$778.38	<b>\$4,670.28</b>	\$426.00	<b>\$2,556.00</b>	\$500.00	<b>\$3,000.00</b>
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	7	\$175.00	<b>\$1,225.00</b>	\$40.00	<b>\$280.00</b>	\$86.25	<b>\$603.75</b>	\$20.00	<b>\$140.00</b>	\$95.00	<b>\$665.00</b>	\$61.03	<b>\$427.21</b>	\$77.00	<b>\$539.00</b>	\$100.00	<b>\$700.00</b>
165-0111	MAINTENANCE OF STONE FILTER RING	EA	1	\$250.00	<b>\$250.00</b>	\$300.00	<b>\$300.00</b>	\$143.75	<b>\$143.75</b>	\$20.00	<b>\$20.00</b>	\$95.00	<b>\$95.00</b>	\$410.70	<b>\$410.70</b>	\$256.00	<b>\$256.00</b>	\$200.00	<b>\$200.00</b>
167-1000	WATER QUALITY MON. AND SAMPLING	EA	2	\$700.00	<b>\$1,400.00</b>	\$150.00	<b>\$300.00</b>	\$115.00	<b>\$230.00</b>	\$300.00	<b>\$600.00</b>	\$115.00	<b>\$230.00</b>	\$412.00	<b>\$824.00</b>	\$256.00	<b>\$512.00</b>	\$800.00	<b>\$1,600.00</b>
167-1500	WATER QUALITY INSPECTIONS	MO	12	\$1,000.00	<b>\$12,000.00</b>	\$200.00	<b>\$2,400.00</b>	\$402.50	<b>\$4,830.00</b>	\$300.00	<b>\$3,600.00</b>	\$410.00	<b>\$4,920.00</b>	\$412.00	<b>\$4,944.00</b>	\$1,246.00	<b>\$14,952.00</b>	\$800.00	<b>\$9,600.00</b>
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	3,550	\$1.25	<b>\$4,437.50</b>	\$2.50	<b>\$8,875.00</b>	\$1.32	<b>\$4,686.00</b>	\$1.70	<b>\$6,035.00</b>	\$1.80	<b>\$6,390.00</b>	\$1.24	<b>\$4,402.00</b>	\$2.15	<b>\$7,632.50</b>	\$3.00	<b>\$10,650.00</b>
205-0210	EXCAVATION ROCK-SPECIAL PROVISION	CY	100	\$75.00	<b>\$7,500.00</b>	\$60.00	<b>\$6,000.00</b>	\$86.25	<b>\$8,625.00</b>	\$75.00	<b>\$7,500.00</b>	\$75.00	<b>\$7,500.00</b>	\$107.73	<b>\$10,773.00</b>	\$245.00	<b>\$24,500.00</b>	\$150.00	<b>\$15,000.00</b>
206-0002	BORROW EXCAVATION INCL MATL	CY	100	\$22.50	<b>\$2,250.00</b>	\$25.00	<b>\$2,500.00</b>	\$33.35	<b>\$3,335.00</b>	\$15.00	<b>\$1,500.00</b>	\$18.00	<b>\$1,800.00</b>	\$45.37	<b>\$4,537.00</b>	\$124.00	<b>\$12,400.00</b>	\$80.00	<b>\$8,000.00</b>
207-0203	FOUND BKFFILL MATL, TP 2	CY	20	\$69.00	<b>\$1,380.00</b>	\$40.00	<b>\$800.00</b>	\$14.38	<b>\$287.60</b>	\$40.00	<b>\$800.00</b>	\$18.00	<b>\$360.00</b>	\$84.52	<b>\$1,690.40</b>	\$142.00	<b>\$2,840.00</b>	\$80.00	<b>\$1,600.00</b>
210-0100	GRADING COMPLETE	LS	1	\$475,000.00	<b>\$475,000.00</b>	\$371,022.00	<b>\$371,022.00</b>	\$397,892.95	<b>\$397,892.95</b>	\$663,250.00	<b>\$663,250.00</b>	\$653,194.20	<b>\$653,194.20</b>	\$400,280.61	<b>\$400,280.61</b>	\$750,000.00	<b>\$750,000.00</b>	\$1,700,000.00	<b>\$1,700,000.00</b>
310-1101	GR AGGR BASE CRS, INCL MATL	TN	1,912	\$25.00	<b>\$47,800.00</b>	\$28.00	<b>\$53,536.00</b>	\$35.65	<b>\$68,162.80</b>	\$24.00	<b>\$45,888.00</b>	\$32.00	<b>\$61,184.00</b>	\$51.65	<b>\$98,754.80</b>	\$28.80	<b>\$55,065.60</b>	\$60.00	<b>\$114,720.00</b>
318-3000	AGGR SURF CRS	TN	150	\$25.00	<b>\$3,750.00</b>	\$25.00	<b>\$3,750.00</b>	\$35.65	<b>\$5,347.50</b>	\$23.00	<b>\$3,450.00</b>	\$32.00	<b>\$4,800.00</b>	\$97.99	<b>\$14,698.50</b>	\$29.30	<b>\$4,395.00</b>	\$60.00	<b>\$9,000.00</b>
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME	TN	25	\$175.00	<b>\$4,375.00</b>	\$315.00	<b>\$7,875.00</b>	\$356.50	<b>\$8,912.50</b>	\$250.00	<b>\$6,250.00</b>	\$325.00	<b>\$8,125.00</b>	\$336.66	<b>\$8,416.50</b>	\$161.00	<b>\$4,025.00</b>	\$200.00	<b>\$5,000.00</b>
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	365	\$95.00	<b>\$34,675.00</b>	\$102.00	<b>\$37,230.00</b>	\$112.13	<b>\$40,927.45</b>	\$98.00	<b>\$35,770.00</b>	\$112.00	<b>\$40,880.00</b>	\$117.82	<b>\$43,004.30</b>	\$147.00	<b>\$53,655.00</b>	\$200.00	<b>\$73,000.00</b>
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM & H LIME	TN	359	\$88.00	<b>\$31,592.00</b>	\$95.00	<b>\$34,105.00</b>	\$105.46	<b>\$37,860.14</b>	\$92.00	<b>\$33,028.00</b>	\$102.00	<b>\$36,618.00</b>	\$143.44	<b>\$51,494.96</b>	\$134.00	<b>\$48,106.00</b>	\$200.00	<b>\$71,800.00</b>

402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR GP 2 ONLY, INCL BITUM & H LIME	TN	703	\$92.50	\$65,027.50	\$102.00	\$71,706.00	\$112.13	\$78,827.39	\$98.00	\$68,894.00	\$102.00	\$71,706.00	\$128.68	\$90,462.04	\$148.00	\$104,044.00	\$200.00	\$140,600.00
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM & H LIME	TN	197	\$91.00	\$17,927.00	\$104.00	\$20,488.00	\$113.39	\$22,337.83	\$98.75	\$19,453.75	\$112.00	\$22,064.00	\$171.82	\$33,848.54	\$138.00	\$27,186.00	\$200.00	\$39,400.00
413-0750	TACK COAT	GL	274	\$3.00	\$822.00	\$5.00	\$1,370.00	\$3.45	\$945.30	\$3.25	\$890.50	\$3.50	\$959.00	\$2.70	\$739.80	\$7.10	\$1,945.40	\$20.00	\$5,480.00
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	500	\$7.50	\$3,750.00	\$12.00	\$6,000.00	\$13.34	\$6,670.00	\$10.00	\$5,000.00	\$13.00	\$6,500.00	\$23.97	\$11,985.00	\$23.20	\$11,600.00	\$30.00	\$15,000.00
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	802	\$50.00	\$40,100.00	\$32.00	\$25,664.00	\$40.23	\$32,264.46	\$32.00	\$25,664.00	\$42.00	\$33,684.00	\$46.41	\$37,220.82	\$43.00	\$34,486.00	\$80.00	\$64,160.00
441-0104	CONC SIDEWALK, 4 IN	SY	1,961	\$45.00	\$88,245.00	\$24.00	\$47,064.00	\$32.16	\$63,065.76	\$25.00	\$49,025.00	\$35.00	\$68,635.00	\$33.69	\$66,066.09	\$34.00	\$66,674.00	\$75.00	\$147,075.00
441-0300	CONCRETE SIDEWALK, SPECIAL DESIGN	EA	3	\$2,000.00	\$6,000.00	\$2,600.00	\$7,800.00	\$3,604.40	\$10,813.20	\$2,200.00	\$6,600.00	\$850.00	\$2,550.00	\$3,089.35	\$9,268.05	\$3,133.00	\$9,399.00	\$4,000.00	\$12,000.00
441-0754	7.5" CONCRETE MEDIAN	SY	32	\$125.00	\$4,000.00	\$46.00	\$1,472.00	\$53.21	\$1,702.72	\$42.00	\$1,344.00	\$42.00	\$1,344.00	\$99.75	\$3,192.00	\$82.00	\$2,624.00	\$200.00	\$6,400.00
441-4020	CONC VALLEY GUTTER, 6 IN	SY	345	\$52.50	\$18,112.50	\$ 38.00	\$13,110.00	\$ 40.23	\$13,879.35	\$ 32.00	\$11,040.00	\$ 38.00	\$13,110.00	\$ 59.57	\$20,551.65	\$ 46.00	\$15,870.00	\$ 100.00	\$34,500.00
441-4030	CONC VALLEY GUTTER, 8 IN	SY	40	\$68.00	\$2,720.00	\$ 48.00	\$1,920.00	\$ 49.31	\$1,972.40	\$ 40.00	\$1,600.00	\$ 45.00	\$1,800.00	\$ 96.78	\$3,871.20	\$ 59.00	\$2,360.00	\$ 100.00	\$4,000.00
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	3,705	\$24.50	\$90,772.50	\$ 13.00	\$48,165.00	\$ 15.93	\$59,020.65	\$ 14.00	\$51,870.00	\$ 18.00	\$66,690.00	\$ 16.83	\$62,355.15	\$ 19.20	\$71,136.00	\$ 60.00	\$222,300.00
446-1100	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	LF	1,766	\$6.00	\$10,596.00	\$ 7.00	\$12,362.00	\$ 7.13	\$12,591.58	\$ 6.00	\$10,596.00	\$ 7.80	\$13,774.80	\$ 8.48	\$14,975.68	\$ 16.70	\$29,492.20	\$ 30.00	\$52,980.00
500-3201	CLASS B CONC, RETAINING WALL	CY	10	\$800.00	\$8,000.00	\$ 1,800.00	\$18,000.00	\$ 1,689.30	\$16,893.00	\$ 750.00	\$7,500.00	\$ 975.00	\$9,750.00	\$ 777.54	\$7,775.40	\$ 810.00	\$8,100.00	\$ 3,000.00	\$30,000.00
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	74	\$245.00	\$18,130.00	\$ 225.00	\$16,650.00	\$ 175.92	\$13,018.08	\$ 200.00	\$14,800.00	\$ 350.00	\$25,900.00	\$ 226.29	\$16,745.46	\$ 227.00	\$16,798.00	\$ 250.00	\$18,500.00
500-3800	CLASS A CONC, INCL REINF STEEL	CY	2	\$1,350.00	\$2,700.00	\$ 2,000.00	\$4,000.00	\$ 1,001.16	\$2,002.32	\$ 800.00	\$1,600.00	\$ 1,500.00	\$3,000.00	\$ 1,376.19	\$2,752.38	\$ 1,100.00	\$2,200.00	\$ 5,000.00	\$10,000.00
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	653	\$65.00	\$42,445.00	\$ 47.00	\$30,691.00	\$ 40.35	\$26,348.55	\$ 32.00	\$20,896.00	\$ 45.00	\$29,385.00	\$ 111.48	\$72,796.44	\$ 47.00	\$30,691.00	\$ 100.00	\$65,300.00
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	26	\$65.00	\$1,690.00	\$ 39.00	\$1,014.00	\$ 40.36	\$1,049.36	\$ 32.00	\$32.00	\$ 45.00	\$1,170.00	\$ 133.39	\$3,468.14	\$ 38.00	\$988.00	\$ 100.00	\$2,600.00
550-3418	SAFETY END SECTION, 18 IN, SIDE DRAIN, 4:1 SLOPE	EA	2	\$525.00	\$1,050.00	\$ 1,400.00	\$2,800.00	\$ 1,263.93	\$2,527.86	\$ 600.00	\$1,200.00	\$ 2,500.00	\$5,000.00	\$ 1,415.78	\$2,831.56	\$ 725.00	\$1,450.00	\$ 1,000.00	\$2,000.00
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	LF	150	\$22.50	\$3,375.00	\$ 8.00	\$1,200.00	\$ 29.33	\$4,399.50	\$ 8.00	\$1,200.00	\$ 9.00	\$1,350.00	\$ 24.12	\$3,618.00	\$ 31.00	\$4,650.00	\$ 100.00	\$15,000.00
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN	SY	28	\$65.00	\$1,820.00	\$ 47.00	\$1,316.00	\$ 39.40	\$1,103.20	\$ 35.00	\$980.00	\$ 55.00	\$1,540.00	\$ 83.04	\$2,325.12	\$ 90.00	\$2,520.00	\$ 100.00	\$2,800.00
603-7000	PLASTIC FILTER FABRIC	SY	28	\$6.00	\$168.00	\$ 5.00	\$140.00	\$ 5.75	\$161.00	\$ 4.00	\$112.00	\$ 4.00	\$112.00	\$ 4.05	\$113.40	\$ 3.22	\$90.16	\$ 5.00	\$140.00
611-5360	RESET HIGHWAY SIGN	EA	2	\$150.00	\$300.00	\$ 100.00	\$200.00	\$ 172.50	\$345.00	\$ 125.00	\$250.00	\$ 30.00	\$60.00	\$ 576.80	\$1,153.60	\$ 200.00	\$400.00	\$ 100.00	\$200.00
615-1000	JACK AND BORE PIPE-12", 1/2" THICK STEEL PIPE SLEEVE	LF	68	\$295.00	\$20,060.00	\$ 220.00	\$14,960.00	\$ 172.50	\$11,730.00	\$ 150.00	\$10,200.00	\$ 220.00	\$14,960.00	\$ 331.66	\$22,552.88	\$ 310.00	\$21,080.00	\$ 400.00	\$27,200.00
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	58	\$21.50	\$1,247.00	\$ 20.00	\$1,160.00	\$ 22.70	\$1,316.60	\$ 20.00	\$1,160.00	\$ 22.00	\$1,276.00	\$ 20.33	\$1,179.14	\$ 26.00	\$1,508.00	\$ 50.00	\$2,900.00
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	56	\$21.50	\$1,204.00	\$ 21.00	\$1,176.00	\$ 23.00	\$1,288.00	\$ 20.00	\$1,120.00	\$ 22.00	\$1,232.00	\$ 20.60	\$1,153.60	\$ 29.00	\$1,624.00	\$ 50.00	\$2,800.00
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SF	84	\$40.00	\$3,360.00	\$ 60.00	\$5,040.00	\$ 79.09	\$6,643.56	\$ 65.00	\$5,460.00	\$ 22.00	\$1,848.00	\$ 69.01	\$5,796.84	\$ 88.00	\$7,392.00	\$ 50.00	\$4,200.00
636-2070	GALV STEEL POSTS, TP 7	LF	233	\$8.75	\$2,038.75	\$ 10.00	\$2,330.00	\$ 10.30	\$2,399.90	\$ 9.00	\$2,097.00	\$ 8.00	\$1,864.00	\$ 9.23	\$2,150.59	\$ 12.70	\$2,959.10	\$ 30.00	\$6,990.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 65' MAST ARM AND 45' MAST ARM	EA	1	\$21,500.00	\$21,500.00	\$ 18,000.00	\$18,000.00	\$ 25,710.88	\$25,710.88	\$ 23,500.00	\$23,500.00	\$ 27,541.00	\$27,541.00	\$ 22,711.50	\$22,711.50	\$ 28,765.00	\$28,765.00	\$ 50,000.00	\$50,000.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 55' MAST ARM AND 45' MAST ARM	EA	1	\$18,500.00	\$18,500.00	\$ 16,000.00	\$16,000.00	\$ 22,842.38	\$22,842.38	\$ 21,500.00	\$21,500.00	\$ 37,541.00	\$37,541.00	\$ 20,347.65	\$20,347.65	\$ 25,555.00	\$25,555.00	\$ 50,000.00	\$50,000.00
643-8200	BARRIER FENCE (ORANGE) 4 FT	LF	1,000	\$5.50	\$5,500.00	\$ 1.50	\$1,500.00	\$ 1.21	\$1,210.00	\$ 2.00	\$2,000.00	\$ 1.50	\$1,500.00	\$ 2.13	\$2,130.00	\$ 2.70	\$2,700.00	\$ 2.00	\$2,000.00

647-1000	TRAFFIC SIGNAL INSTALLATION	LS	1	\$175,000.00	\$175,000.00	\$ 85,480.00	85,480.00	\$ 135,816.53	135,816.53	\$ 105,200.00	105,200.00	\$ 160,781.00	\$160,781.00	\$ 93,613.61	\$93,613.61	\$ 152,810.00	\$152,810.00	\$ 100,000.00	\$100,000.00
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	11	\$105.00	\$1,155.00	\$ 110.00	1,210.00	\$ 101.20	1,113.20	\$ 90.00	990.00	\$ 95.00	\$1,045.00	\$ 90.64	\$997.04	\$ 115.00	\$1,265.00	\$ 150.00	\$1,650.00
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	11	\$105.00	\$1,155.00	\$ 100.00	1,100.00	\$ 110.52	1,215.72	\$ 98.00	1,078.00	\$ 102.00	\$1,122.00	\$ 98.98	\$1,088.78	\$ 115.00	\$1,265.00	\$ 150.00	\$1,650.00
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	EA	1	\$175.00	\$175.00	\$ 200.00	200.00	\$ 182.51	182.51	\$ 160.00	160.00	\$ 172.00	\$172.00	\$ 163.46	\$163.46	\$ 115.00	\$115.00	\$ 175.00	\$175.00
653-0220	THERMOPLASTIC PVMT MARKING, WORD TP 2	EA	2	\$310.00	\$620.00	\$ 390.00	780.00	\$ 186.88	373.76	\$ 165.00	330.00	\$ 185.00	\$370.00	\$ 167.38	\$334.76	\$ 283.00	\$566.00	\$ 150.00	\$300.00
653-0240	THERMOPLASTIC PVMT MARKING, WORD TP 4	EA	2	\$355.00	\$710.00	\$ 390.00	780.00	\$ 232.94	465.88	\$ 210.00	420.00	\$ 225.00	\$450.00	\$ 208.63	\$417.26	\$ 284.00	\$568.00	\$ 150.00	\$300.00
653-0260	THERMOPLASTIC PVMT MARKING, WORD TP 6, MODIFIED	EA	2	\$465.00	\$930.00	\$ 390.00	780.00	\$ 139.89	279.78	\$ 125.00	250.00	\$ 132.00	\$264.00	\$ 125.29	\$250.58	\$ 285.00	\$570.00	\$ 1,000.00	\$2,000.00
653-0320	THERMOPLASTIC PVMT MARKING, SYMBOL, TP 4	EA	11	\$295.00	\$3,245.00	\$ 220.00	2,420.00	\$ 224.25	2,466.75	\$ 200.00	2,200.00	\$ 220.00	\$2,420.00	\$ 200.85	\$2,209.35	\$ 286.00	\$3,146.00	\$ 1,500.00	\$16,500.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	6,582	\$0.95	\$6,252.90	\$ 0.50	3,291.00	\$ 0.70	4,607.40	\$ 0.65	4,278.30	\$ 0.80	\$5,265.60	\$ 0.63	\$4,146.66	\$ 0.77	\$5,068.14	\$ 4.00	\$26,328.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	3,225	\$0.95	\$3,063.75	\$ 0.60	1,935.00	\$ 0.71	2,289.75	\$ 0.65	2,096.25	\$ 0.80	\$2,580.00	\$ 0.64	\$2,064.00	\$ 0.77	\$2,483.25	\$ 4.00	\$12,900.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	106	\$6.00	\$636.00	\$ 5.50	583.00	\$ 5.38	570.28	\$ 4.75	503.50	\$ 6.00	\$636.00	\$ 4.82	\$510.92	\$ 5.80	\$614.80	\$ 10.00	\$1,060.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	1,175	\$4.25	4,993.75	\$2.00	2,350.00	\$2.62	3,078.50	\$2.40	2,820.00	\$4.00	\$4,700.00	\$2.35	\$2,761.25	\$3.00	\$3,525.00	\$10.00	\$11,750.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	1,303	\$0.75	\$977.25	\$0.55	716.65	\$0.63	820.89	\$0.65	846.95	\$0.80	\$1,042.40	\$0.57	\$742.71	\$0.71	\$925.13	\$4.00	\$5,212.00
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	202	\$5.65	\$1,141.30	\$5.00	1,010.00	\$5.29	1,068.58	\$4.75	959.50	\$6.00	\$1,212.00	\$4.74	\$957.48	\$9.30	\$1,878.60	\$10.00	\$2,020.00
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	37	\$6.00	\$222.00	\$5.00	185.00	\$5.38	199.06	\$4.90	181.30	\$6.00	\$222.00	\$4.82	\$178.34	\$6.00	\$222.00	\$10.00	\$370.00
654-1001	RAISED PVMT MARKERS, TP 1	EA	92	\$5.00	\$460.00	\$5.00	460.00	\$5.47	503.24	\$5.00	460.00	\$6.00	\$552.00	\$4.90	\$450.80	\$6.10	\$561.20	\$10.00	\$920.00
654-1003	RAISED PVMT MARKERS, TP 3	EA	19	\$7.00	\$133.00	\$5.00	95.00	\$5.47	103.93	\$5.00	95.00	\$6.00	\$114.00	\$4.90	\$93.10	\$6.10	\$115.90	\$10.00	\$190.00
660-0808	SANITARY SEWER PIPE, 8 IN DUCTILE IRON	LF	284	\$125.00	\$35,500.00	\$160.00	45,440.00	\$42.09	11,953.56	\$155.00	44,020.00	\$44.00	\$12,496.00	\$125.66	\$35,687.44	\$94.00	\$26,696.00	\$120.00	\$34,080.00
668-1100	CATCH BASIN, GP 1	EA	5	\$2,950.00	\$14,750.00	\$2,500.00	12,500.00	\$4,052.75	20,263.75	\$2,450.00	12,250.00	\$2,150.00	\$10,750.00	\$3,733.22	\$18,666.10	\$3,860.00	\$19,300.00	\$4,000.00	\$20,000.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	6	\$280.00	\$1,680.00	\$190.00	1,140.00	\$205.59	1,233.54	\$200.00	1,200.00	\$150.00	\$900.00	\$346.98	\$2,081.88	\$380.00	\$2,280.00	\$400.00	\$2,400.00
668-2100	DROP INLET, GP 1	EA	3	\$2,650.00	\$7,950.00	\$3,100.00	9,300.00	\$2,069.03	6,207.09	\$2,250.00	6,750.00	\$2,150.00	\$6,450.00	\$4,074.80	\$12,224.40	\$2,452.00	\$7,356.00	\$4,000.00	\$12,000.00
668-3300	SANITARY SEWER MANHOLE, TP 1	EA	3	\$3,250.00	\$9,750.00	\$5,000.00	15,000.00	\$2,688.57	8,065.71	\$5,000.00	15,000.00	\$2,150.00	\$6,450.00	\$6,659.98	\$19,979.94	\$3,300.00	\$9,900.00	\$4,000.00	\$12,000.00
668-3311	SANITARY SEWER MANHOLE, ADDL DEPTH, CL 1	LF	11	\$350.00	\$3,850.00	\$390.00	4,290.00	\$205.56	2,261.16	\$250.00	2,750.00	\$150.00	\$1,650.00	\$409.94	\$4,509.34	\$394.00	\$4,334.00	\$400.00	\$4,400.00
668-4300	STORM SEWER MANHOLE, TP 1	EA	1	\$2,300.00	\$2,300.00	\$1,700.00	1,700.00	\$1,976.37	1,976.37	\$2,250.00	2,250.00	\$2,150.00	\$2,150.00	\$3,248.55	\$3,248.55	\$3,440.00	\$3,440.00	\$4,000.00	\$4,000.00
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	6	\$350.00	\$2,100.00	\$190.00	1,140.00	\$205.59	1,233.54	\$200.00	1,200.00	\$150.00	\$900.00	\$196.30	\$1,177.80	\$400.00	\$2,400.00	\$400.00	\$2,400.00
700-6910	PERMANENT GRASSING	AC	2	\$1,550.00	\$3,100.00	\$1,000.00	2,000.00	\$862.50	1,725.00	\$1,500.00	3,000.00	\$950.00	\$1,900.00	\$1,699.50	\$3,399.00	\$1,605.00	\$3,210.00	\$3,000.00	\$6,000.00
700-7000	AGRICULTURAL LIME	TN	6	\$350.00	\$2,100.00	\$550.00	3,300.00	\$258.75	1,552.50	\$150.00	900.00	\$350.00	\$2,100.00	\$257.50	\$1,545.00	\$254.00	\$1,524.00	\$200.00	\$1,200.00
700-8000	FERTILIZER MIXED GRADE	TN	2	\$750.00	\$1,500.00	\$590.00	1,180.00	\$747.50	1,495.00	\$450.00	900.00	\$750.00	\$1,500.00	\$772.50	\$1,545.00	\$680.00	\$1,360.00	\$1,000.00	\$2,000.00
700-8100	FERTILIZER NITROGEN CONTENT	LB	100	\$3.00	\$300.00	\$2.00	200.00	\$7.48	748.00	\$4.00	400.00	\$7.50	\$750.00	\$8.24	\$824.00	\$2.40	\$240.00	\$10.00	\$1,000.00
700-9300	SOD	SY	3,889	\$9.00	\$35,001.00	\$6.00	23,334.00	\$9.21	35,817.69	\$6.50	25,278.50	\$6.00	\$23,334.00	\$8.24	\$32,045.36	\$15.40	\$59,890.60	\$15.00	\$58,335.00
711-0100	TURF REINFORCING MAT, TP 1	SY	76	\$4.25	\$323.00	\$11.00	836.00	\$4.89	371.64	\$5.00	380.00	\$6.00	\$456.00	\$4.10	\$311.60	\$3.00	\$228.00	\$10.00	\$760.00

716-2000	EROSION CONTROL MATS, SLOPES	SY	792	\$2.50	\$1,980.00	\$1.25	990.00	\$1.15	910.80	\$1.20	950.40	\$1.50	\$1,188.00	\$1.32	\$1,045.44	\$1.52	\$1,203.84	\$10.00	\$7,920.00
766-9999	SPRINKLER REPAIR	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	5,000.00	\$2,875.00	2,875.00	\$10,000.00	10,000.00	\$4,500.00	\$4,500.00	\$2,022.00	\$2,022.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
935-8000	TESTING	LS	1	\$3,500.00	\$3,500.00	\$2,000.00	2,000.00	\$7,500.30	7,500.30	\$5,000.00	5,000.00	\$1,500.00	\$1,500.00	\$4,944.00	\$4,944.00	\$6,420.00	\$6,420.00	\$400,000.00	\$400,000.00

Total Bid ROADWAY ITEM BID SCHEDULE \$1,618,211.20 \$1,283,017.40 \$1,534,235.84 \$1,571,590.45 \$1,604,909.00 \$1,604,214.33 \$2,035,291.92 \$4,242,015.00

WATER MAIN REPLACEMENT ITEMS				Internal Estimate		CMES Inc		GDP		Ohmshiv		A1 Contracting		Blount Const		Precision 2000		Site Engineering	
GDOT Pay Item	Description	UOM	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	1	\$450.00	\$450.00	\$200.00	200.00	\$172.12	172.12	\$105.00	105.00	\$150.00	150.00	\$1,655.42	1,655.42	\$1,190.00	1,190.00	\$1,000.00	\$1,000.00
665-0030	SHORT SIDE SERVICE	EA	7	\$750.00	\$5,250.00	\$950.00	6,650.00	\$507.14	3,549.98	\$905.00	6,335.00	\$550.00	3,850.00	\$942.45	6,597.15	\$1,200.00	8,400.00	\$1,200.00	\$8,400.00
665-0040	LONG SIDE SERVICE	EA	4	\$1,600.00	\$6,400.00	\$1,250.00	5,000.00	\$968.05	3,872.20	\$1,210.00	4,840.00	\$750.00	3,000.00	\$1,802.50	7,210.00	\$2,650.00	10,600.00	\$2,500.00	\$10,000.00
670-1060	WATER MAIN, 6" DIP	LF	130	\$60.00	\$7,800.00	\$70.00	9,100.00	\$52.79	6,862.70	\$42.00	5,460.00	\$105.00	13,650.00	\$204.23	26,549.90	\$56.00	7,280.00	\$80.00	\$10,400.00
670-1080	WATER MAIN, 8" DIP	LF	120	\$80.00	\$9,600.00	\$85.00	10,200.00	\$56.22	6,746.40	\$52.00	6,240.00	\$110.00	13,200.00	\$58.86	7,063.20	\$84.00	10,080.00	\$100.00	\$12,000.00
670-1120	WATER MAIN, 12" DIP	LF	130	\$100.00	\$13,000.00	\$95.00	12,350.00	\$101.79	13,232.70	\$87.00	11,310.00	\$250.00	32,500.00	\$193.08	25,100.40	\$117.00	15,210.00	\$105.00	\$13,650.00
670-1160	WATER MAIN, 16" DIP	LF	1,510	\$120.00	\$181,200.00	\$130.00	196,300.00	\$89.00	134,390.00	\$106.00	160,060.00	\$160.00	241,600.00	\$189.06	285,480.60	\$120.00	181,200.00	\$110.00	\$166,100.00
670-1490	CUT AND PLUG EXISTING MAIN	EA	1	\$400.00	\$400.00	\$3,250.00	3,250.00	\$1,227.54	1,227.54	\$3,100.00	3,100.00	\$1,100.00	1,100.00	\$5,768.00	5,768.00	\$1,610.00	1,610.00	\$3,000.00	\$3,000.00
670-2002	VALVE MARKER	EA	15	\$50.00	\$750.00	\$125.00	1,875.00	\$132.53	1,987.95	\$105.00	1,575.00	\$45.00	675.00	\$283.25	4,248.75	\$142.00	2,130.00	\$100.00	\$1,500.00
670-2060	GATE VALVE, 6"	EA	6	\$1,000.00	\$6,000.00	\$1,100.00	6,600.00	\$1,061.15	6,366.90	\$925.00	5,550.00	\$2,200.00	13,200.00	\$1,364.75	8,188.50	\$1,620.00	9,720.00	\$1,200.00	\$7,200.00
670-2080	GATE VALVE, 8"	EA	2	\$1,200.00	\$2,400.00	\$1,450.00	2,900.00	\$1,543.98	3,087.96	\$1,225.00	2,450.00	\$3,500.00	7,000.00	\$2,266.00	4,532.00	\$2,543.00	5,086.00	\$1,500.00	\$3,000.00
670-2120	GATE VALVE, 12"	EA	4	\$3,000.00	\$12,000.00	\$4,250.00	17,000.00	\$2,487.57	9,950.28	\$4,100.00	16,400.00	\$6,500.00	26,000.00	\$3,650.32	14,601.28	\$4,640.00	18,560.00	\$3,000.00	\$12,000.00
670-2160	GATE VALVE, 16"	EA	5	\$7,500.00	\$37,500.00	\$7,600.00	38,000.00	\$6,563.86	32,819.30	\$6,250.00	31,250.00	\$13,500.00	67,500.00	\$8,682.90	43,414.50	\$10,400.00	52,000.00	\$8,000.00	\$40,000.00
670-4000	FIRE HYDRANT ASSEMBLY	EA	3	\$4,000.00	\$12,000.00	\$4,000.00	12,000.00	\$4,361.53	13,084.59	\$3,250.00	9,750.00	\$6,500.00	19,500.00	\$4,326.00	12,978.00	\$5,870.00	17,610.00	\$4,500.00	\$13,500.00
670-5000	WATER SERVICE LINE, 3/4-INCH	LF	280	\$18.00	\$5,040.00	\$40.00	11,200.00	\$10.45	2,926.00	\$25.50	7,140.00	\$11.00	3,080.00	\$83.22	23,301.60	\$31.20	8,736.00	\$40.00	\$11,200.00
670-9245	STEEL CASING, 12 IN	LF	120	\$100.00	\$12,000.00	\$125.00	15,000.00	\$55.23	6,627.60	\$80.50	9,660.00	\$65.00	7,800.00	\$87.55	10,506.00	\$186.00	22,320.00	\$200.00	\$24,000.00
670-9275	STEEL CASING, 24 IN	LF	225	\$200.00	\$45,000.00	\$175.00	39,375.00	\$92.23	20,751.75	\$101.00	22,725.00	\$140.00	31,500.00	\$401.70	90,382.50	\$325.00	73,125.00	\$300.00	\$67,500.00
670-9730	RELOCATE EXISTING WATER METER, INCL BOX	EA	7	\$800.00	\$5,600.00	\$950.00	6,650.00	\$862.55	6,037.85	\$701.00	4,907.00	\$450.00	3,150.00	\$515.00	3,605.00	\$1,090.00	7,630.00	\$800.00	\$5,600.00
670-9910	REMOVE EXISTING WATER VALVE, INCL BOX	EA	9	\$200.00	\$1,800.00	\$650.00	5,850.00	\$172.50	1,552.50	\$505.00	4,545.00	\$250.00	2,250.00	\$240.34	2,163.06	\$3,750.00	33,750.00	\$800.00	\$7,200.00
670-9920	REMOVE EXISTING FIRE HYDRANT	EA	2	\$270.00	\$540.00	\$550.00	1,100.00	\$575.03	1,150.06	\$515.00	1,030.00	\$950.00	1,900.00	\$2,267.03	4,534.06	\$1,150.00	2,300.00	\$800.00	\$1,600.00

Total Bid WATER MIAN REPLACEMENT \$364,730.00 \$400,600.00 \$276,396.38 \$314,432.00 \$492,605.00 \$587,879.92 \$488,537.00 \$418,850.00

Grand Total Bid \$1,982,941.20 \$1,683,617.40 \$1,810,632.22 \$1,886,022.45 \$2,097,514.00 \$2,192,094.25 \$2,523,828.92 \$4,660,865.00