

## SECTION 4

### SPECIFICATIONS AND SPECIAL CONDITIONS FOR TRAFFIC SIGNAL CONSTRUCTION EVENT # 5019

- 4.0 The purpose of these specifications is to describe services that the City of Savannah will need to repair/install traffic control devices for planned minor projects or for emergency repairs in the event of traffic accidents, storms, hurricanes, vandalism, or equipment failures.

To submit pricing electronically for this event, enter pricing for each line item shown under the lines tab on the event summary. To enter pricing manually, complete the attached bid proposal form. Manually submitted bids must be submitted on the bid proposal forms contained in these specifications in order to be considered.

A pre-bid conference has been scheduled to be conducted at the Purchasing Office, third floor, City Hall, 2 E. Bay Street, Savannah, Georgia 31401. This meeting will allow contractors to discuss the specifications and resolve any questions and/or misunderstandings that may arise with City staff. You are invited to attend.

#### 4.1 Scope of Work

- 4.1.1 The work covered by these specifications consists of furnishing all labor, construction equipment, mobilization, and traffic control necessary for the construction of traffic control devices or the replacement of defective, obsolete, or damaged traffic control devices. This is including, but not limited to, the installation of steel strain poles, mast arm poles/mast arms, span wire, traffic signal head assemblies, control cabinets, vehicle detection loops, interconnect conduit, and signal cable. The unit price description of each work effort will specify whether the work to be performed will be done with material that is supplied by the City or supplied by the contractor. All conduit, loop wire, signal cable, and span wire will be provided by the contractor.
- 4.1.2 It is the intent of this contract to establish in advance of issuing a purchase order, the contract unit price for all items or work and materials which may be needed for traffic signal construction or related work as required by the Traffic Engineering Director or designee. Such items which will be described in a purchase order and will be used to determine compensation for all work covered by the purchase order.
- 4.1.3 The quantity of work to be performed will be determined by the Traffic Engineering Director or designee and specified in each purchase order. Incidental or emergency work such as pole replacement, cabinet replacement, or replacement of damaged signal equipment may be required. However, the City does not guarantee a minimum amount of work to be awarded. The quantities of work indicated in this

bid are not considered either a minimum or maximum amount of work to be performed, but do represent the best estimate of the work expected to be awarded and performed during the contract period.

- 4.1.4 Bids shall include a minimum of three references with contact names of companies for whom the bidder has performed similar services. References shall be submitted on Attachment 1 in order for the bid to be considered further.
- 4.1.5 All work shall be performed per the latest published editions of the Georgia Department of Transportation (GDOT) Standard Specifications – Construction of Transportation Systems, Section 647 – Traffic Signal Installation.

**4.2 Special Conditions**

- 4.2.1 In order to provide emergency service, the bidder must furnish a name and phone number of a contact who can be reached 24 hours daily, seven (7) days a week for order placement.
- 4.2.2 If supplier is local, supplier must describe its ability to conduct business without disruption in the event of a major storm or natural disaster in this area.

**4.2.3 Schedule of Work**

The City Traffic Engineering Director or designee will determine the amount of work to be performed under this contract and the priority of each installation. Purchase order(s) will be issued for a specific item or items or work at a site, specifying the estimated quantity of each item of work to be performed and the dates at which the work shall begin and be completed in accordance with the time allocations specified herein. The Traffic Engineering Director or designee reserves the right to change the priority of work or to temporarily suspend work at a site for the purpose of reassigning the contractor to emergency work or work of high priority. Except for emergency work as defined in the contract documents, the contractor shall begin work at the site within ten (10) calendar days after receipt of a purchase order. For vehicle loop installations, a single purchase order covering multiple bad loop lists may be issued. Once work has begun on a site, the contractor shall diligently pursue completion of the work in accordance with the following schedule, or if the work is not listed, the contractor shall work on a continuous basis until the work is finished.

|   |  |
|---|--|
| Construction of new traffic signal        | 30 calendar days per intersection        |
| Reconstruction of existing traffic signal | 40 calendar days per intersection        |
| Construction of steel pole foundation     | Seven (7) calendar days per intersection |
| Construction of detector loops            | One half (1/2) calendar day per loop     |
| Installation of cabinet and base          | Four (4) calendar days per intersection  |
| Installation of concrete or timber pole   | One half (1/2) calendar days per pole    |

|  |  |
|--|--|
| Installation of span wire and signal cable | Two (2) calendar days per intersection |
| Installation of signs or signal heads      | One (1) calendar day per intersection  |

If the contractor is unable to complete assigned work in accordance with the contract schedule, the City reserves the right to assign additional work to a secondary contractor. The City may elect to issue a purchase order for work at more than one location or to issue multiple purchase orders with overlapping schedules. The contractor shall be expected to perform work concurrently at no more than three (3) separate locations. If the contractor is unable to complete work at each site with the specified time, due to conditions beyond the control of the contractor, a written revised schedule shall be submitted to the Traffic Engineering Director or designee for approval.

The contractor shall be approved by the Georgia Department of Transportation to perform traffic signal work within GDOT right-of-way.

In the event work at a site is postponed or delayed at the request of the Traffic Engineering Director or designee by issuance of an emergency purchase order, multiple purchase orders, or by verbal agreements; the contractor shall submit a revised schedule.

- 4.2.5 A purchase order will be issued for each site or project sites or project (which may be multiple sites) and will specify the work to be performed at each site. Each purchase order will be itemized and will indicate the estimated quantity of work to be performed at each site. Construction drawings may accompany the purchase order and will become part of the project documents. The contractor shall review the construction drawings and the purchase order prior to commencing work at a site. The contractor shall verify the estimated quantity of each item and shall notify the Traffic Engineering Director or designee of any apparent discrepancies or errors in the purchase order.

Depending on the nature of the work, construction drawings at some sites may not be provided. In such cases, the Traffic Engineering Director or designee will provide written or oral instructions and will be available at the job site to provide information such as pole, conduit, pull box locations, head alignment, loop locations, or to aid in utility coordination.

- 4.2.6 It is estimated that fifteen percent (15%) of all work performed under this contract will be emergency work. Emergency work is defined, as work required to provide immediate safety and welfare of the public and will include all work necessary to repair or rebuild a signal installation, or parts of a signal installation, to the degree necessary for proper operation of the traffic signal. Emergency work may be required as a result of traffic accidents, storms, vandalism, or equipment failures. Emergency work is distinguished from regular work by the response time required to begin the work and by the time allotted to complete the work. Emergency work will be authorized by the Traffic Engineering Director or designee and the contractor

may be given written or oral authorization to proceed. In many cases, a purchase order will follow the notice to proceed. Once the contractor has been given authorization to proceed with emergency work, such work shall begin as soon as possible, but must begin within two (2) hours of notice to the vendor by phone call or other such means. The City will not require the emergency response time to be less than two (2) hours. Emergency work is usually due to damaged or down signal poles as a result of a vehicle crash. Typically, the contractor works in coordination with City crews by providing support of a boom truck for pole removal and/or timber pole installation. If the primary contractor cannot provide services in the allocated time, a secondary contractor would be utilized if the City receives enough acceptable bids to award to a primary and secondary contractor. A two (2) hour response is required by either a primary and/or secondary contractor. Work requiring a response time of 24 hours or greater shall not be considered emergency work. Once emergency work begins, the contractor is to diligently pursue completion of the work and shall work beyond regular working hours and on weekends, if necessary, to restore the situation to the satisfaction of the City. Some work efforts, such as site restoration and clean up, may be delayed until the next work day if agreed to by the City.

Compensation for emergency work will be determined by the regular contract unit price multiplied by the Emergency Cost Factor (ECF), a percentage mark-up. The ECF will be established in the bid and will be applied to each item of work, which is completed on any emergency basis.

If a purchase order is issued for emergency work at a site, and the Traffic Engineering Director or designee elects to have additional work done at the site on a non-emergency basis, the ECF multiplier will only be applied to the emergency work. All other work will be paid for at the unit price established in the contract.

### **4.3 Equipment and Materials**

The City will provide traffic signals, controllers and cabinets, pull boxes, and other traffic signal equipment and materials as specified in the purchase order. Items for which the City will provide materials will be described in the bid and purchase order by the word “install” prior to the description of the item. The City may also specify that the contractor furnish and install these items under a different pay item. Items for which the contractor will provide materials will be described in the bid and purchase order by the word “furnish and install” prior to the description of the item. Intersection controllers provided by the contractor under this contract shall be of the make and model specified by the City.

**4.3.1** All traffic signal hardware provided shall be compatible with existing City of Savannah equipment and shall be certified by GDOT for use on their roadways.

**4.3.2** All materials and equipment furnished for installation under this contract shall be new and unused, unless otherwise specified. The contractor shall furnish and install or install all manufactured items, materials, and equipment in strict accordance with the manufacturer's recommended specifications except that the specifications herein, where more stringent, shall be complied with.

- 4.3.3** Equipment and materials supplied by the City will normally be stored at the City's Traffic Engineering warehouse located at 1100 W. Gwinnett Street or Traffic Engineering's pole yard located on the 1000 block of Louisville Road. The contractor shall provide for transportation of equipment and materials to each job site from the City's Traffic Engineering warehouse or other designated storage area within the limits of the City of Savannah. In addition, cranes, forklifts, or other special equipment necessary for loading and transporting materials and equipment shall be supplied by the contractor.
- 4.3.4** Upon receipt of a purchase order, the contractor shall promptly contact the Traffic Engineering Director or designee to arrange for picking up City furnished materials. In most cases, the exact quantity of materials will be issued. However, in the event material overruns occur, the contractor shall be responsible for the safekeeping and the return of unused materials. The Traffic Engineering Director or designee will verify quantities upon completion of the project and will check final quantities with the materials issued.

#### **4.4 Construction**

The contractor shall provide all labor, traffic control, construction equipment, form work, temporary braces, and any other items, machinery, or equipment necessary to perform the required work. In addition, the contractor shall provide all fill materials, gravel, cement, wire, cable, loop sealant, PVC conduit, sealant, and any miscellaneous items such as wire connectors, fasteners, nuts, bolts, washers, etc., which are not supplied by the City as a part of, or included in the materials for, any items specified in the purchase order. The cost of all such materials, supplies, or miscellaneous items that are supplied by the contractor shall be included in the contract unit price for the applicable bid item.

- 4.4.1** All poles, conduits, span wire, signal common, and service common shall be bonded with a No. 6 AWG bare copper wire, or equal, to form a continuous system and effectively grounded to three-quarters inch by ten feet ( $\frac{3}{4}$ " x 10") ground rods with exothermic welds.
- 4.4.2** Poles shall be set with a sufficient amount of rake so that they are plumb with the signal load or slightly raked away from the signal load. Strain poles should have a slight backward rake, one to two inches (1"-2"), and timber poles shall utilize down guys to maintain appropriate signal height clearance during construction. The contractor shall rake the poles to the satisfaction of the Traffic Engineering Director or designee. Rake is hereby defined as the inclination to the vertical measured at the top of the structure in the opposite direction of the strain axis.
- 4.4.3** The locations of all poles, vehicle loops detectors, pull boxes, and cabinet base shown on the plans are diagrammatic only. The specific locations of such devices shall be decided by the Traffic Engineering Director or designee and shall be staked out as directed.

- 4.4.4 The contractor shall locate underground utilities in the vicinity of new traffic signal poles before installation. Minor shifts, up to a maximum of five feet (5') in location of new signal poles, at the discretion of the engineer, are acceptable to avoid underground utilities. Minimum clearances from edge of the pavement shall be maintained. Final pole location must be approved by the Traffic Engineering Director or designee prior to installation.
- 4.4.5 The work specified in this section will consist of providing all parts, equipment, and labor for construction of strain pole/mast arm pole bases. The size of the base will be specified in the purchase order.
- 4.4.6 The contractor shall replace in like kind, quantity, and size, at no separate expense to the City of Savannah or Traffic Engineering Department, any barrier wall, fence, ditch paving, curbing, sidewalk, pavement, wheelchair ramp, driveway, gutter, slope pavement, sign, guardrail, landscaping (in accordance with Georgia specifications Section 702), grassing (in accordance with Georgia specifications Section 700), utility service line, sprinkler system, storm drain pipe, and any masonry wall that are removed, damaged, or destroyed due to the signal, conduit, or strain pole installation.
- 4.4.7 All signal equipment and signal pole removals shall include the return and unloading of equipment in Traffic Engineering's warehouse, Traffic Engineering's pole yard, or other designated storage area within the limits of the City of Savannah. The exception will be damaged or broken timber poles which shall be the responsibility of the contractor to dispose of.
- 4.4.8 The contractor and subcontractors shall comply with all federal, state and local laws, codes and ordinances applicable to the work. The contractor shall obtain all permits required in connection with the execution of the work as required, including a City right-of-way permit.
- 4.4.9 All construction will be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD)-latest revisions, the signal drawings, National Electrical Cod, and GDOT specifications.

#### **4.5 Public Safety and Convenience**

All work done under this contract shall be done in compliance with the MUTCD. Each operation shall be considered a work zone area and shall be treated in accordance with the MUTCD.

- 4.5.1 Contractor shall provide barricades, fences, lights, etc., for protection of property and the public as required by the MUTCD. The contractor will be held liable for all damage to property and/or persons.
- 4.5.2 Flow of traffic shall not be interrupted completely without the approval of the Traffic Engineering Director or designee. Restriction and minor diversion will be





P.O. Box 1027  
Savannah, GA 31402

Duplicate invoices should be mailed to: City of Savannah  
Traffic Engineering  
P.O. Box 1027  
Savannah, GA 31402

#### **4.8.1 Basis of Award**

This contract will be awarded to the vendor that offers the lowest net price to the City, and who meets or exceeds all specifications herein. The City reserves the right to split the award if deemed to be in its best interest. The City also reserves the right to appoint a primary, secondary and tertiary vendor if deemed advantageous. The secondary and tertiary vendors will be utilized when the primary vendor cannot provide the good/services in the allocated time.

**4.8.2** This is an annual contract and prices are to be held firm for a period of one (1) year (12 months). This contract may be extended for two (2) additional one (1) year periods at the same terms and conditions upon mutual agreement of the contracting parties.

**4.9 Minority/Woman Business Enterprise Goals:** The City of Savannah has not established a M/WBE goal for the project.

#### **4.10 Insurance Requirements**

##### **Comprehensive General Liability**

Contractor shall carry comprehensive general liability on an occurrence form with no “x, c or u” exclusions with the following minimum limits:

- Each occurrence - \$1,000,000
- Damage to Rented Premises - \$50,000
- Medical Expense - \$5,000
- Personal & Adv Injury - \$1,000,000
- General Aggregate - \$2,000,000
- Products – Completed Ops. Aggregate - \$2,000,000

General aggregate shall apply on a per project basis

Contractor will provide a Certificate of Insurance reflecting required coverage.

A waiver of subrogation endorsement to the policy in favor of the City shall also be provided and attached to the certificate.

A (30) day notice of cancellation in favor of the City must be endorsed to policy and attached to the certificate.

##### **Commercial Automobile Liability**





The automobile policy must include coverage for owned, non-owned and hired automobiles.

Minimum limits are \$1,000,000

- Contractor will provide a Certificate of Insurance reflecting required coverage.
- A waiver of subrogation endorsement to the policy in favor of the City shall also be provided and attached to the certificate
- A (30) day notice of cancellation in favor of the City must be endorsed to policy and attached to the certificate

### **Workers Compensation**

Contractor shall carry a workers compensation policy including all statutory coverage required by Georgia state law.

Minimum employer's liability limits:

- \$500,000 each accident
- \$500,000 each employee (disease)
- \$500,000 policy limit (disease)

Contractor will provide a Certificate of Insurance reflecting required coverage.

A waiver of subrogation endorsement to the policy in favor of the City shall also be provided and attached to the certificate.

A (30) day notice of cancellation in favor of the City must be endorsed to policy and attached to the certificate.

### **Umbrella/Excess Liability**

Contractor shall carry an umbrella/excess liability policy which must follow form over underlying policies: general liability, auto liability and employer's liability.

Minimum limits:

- \$1,000,000 per occurrence
- \$1,000,000 aggregate

Contractor will provide a Certificate of Insurance reflecting required coverage.

Waiver of subrogation endorsement to the policy in favor of the City shall also be provided and attached to the certificate

A (30) day notice of cancellation in favor of the City must be endorsed to policy and attached to the certificate.

### **General**

All insurance shall be placed with Georgia admitted carriers with a current Best's rating of A (minus), X, or better

Any modifications to specifications must be approved by the City

## 5.0 General Specifications

5.1 The bid response must include the following documents in this order:

- Bid Proposal Form (as a cover sheet)
- Exception Sheet
- Non-Discrimination Statement
- Proposed Schedule of MWBE Participation
- Other submittals as stated

All referenced documents must be completed and returned in their entirety to constitute a complete bid.

5.2 Vendor is responsible for determining and acknowledging any addenda issued in connection with this bid solicitation. Bidders must acknowledge all addenda issued for this event in order for their responses to be considered.

5.3 Bids must be submitted in triplicate.



**EXCEPTION SHEET  
EVENT # 5019**

**If the commodity(ies) and/or services proposed in the response to this bid is in anyway different from that contained in this proposal or bid, the bidder is responsible to clearly identify by specification section number, all such differences in the space provided below. Otherwise, it will be assumed that bidder's offer is in total compliance with all aspects of the proposal or bid.**

**Below are the exceptions to the stated specifications:**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

\_\_\_\_\_  
Title



BID PROPOSAL FORM

(SUBMIT AS THE COVER SHEET)

City of Savannah Purchasing Department
3rd Floor, City Hall
P. O. Box 1027
Savannah, Georgia 31402
ATTN: Purchasing Director

EVENT NUMBER: 5019
Business Location: (Check One)
\_\_\_ Chatham County
\_\_\_ City of Savannah
\_\_\_ Other

ALL BIDDERS MUST BE REGISTERED SUPPLIERS ON THE CITY'S WEBSITE TO BE AWARDED CONTRACTS. PLEASE REGISTER AT WWW.SAVANNAHGA.GOV. ALL MANUALLY SUBMITTED BIDS MUST BE SUBMITTED ON THIS BID PROPOSAL FORM CONTAINED IN THESE SPECIFICATIONS TO BE CONSIDERED.

Name of Bidder: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

DO YOU HAVE A BUSINESS TAX CERTIFICATE ISSUED IN THE STATE OF GEORGIA? (CHECK ONE) YES: \_\_\_\_\_ NO: \_\_\_\_\_

FROM WHAT CITY/COUNTY \_\_\_\_\_

TAX CERTIFICATE #: \_\_\_\_\_ FED TAX ID #: \_\_\_\_\_

INDICATE LEGAL FORM OF OWNERSHIP OF BIDDER (STATISTICAL PURPOSES ONLY): CHECK ONE: \_\_\_ CORPORATION \_\_\_ PARTNERSHIP \_\_\_ INDIVIDUAL \_\_\_ OTHER (SPECIFY: \_\_\_\_\_)

INDICATE OWNERSHIP STATUS OF BIDDER (CHECK ONE):

\_\_\_ NON-MINORITY OWNED \_\_\_ ASIAN AMERICAN
\_\_\_ AFRICAN AMERICAN \_\_\_ AMERICAN INDIAN
\_\_\_ HISPANIC \_\_\_ OTHER MINORITY
\_\_\_ WOMAN (non-minority) (describe) \_\_\_\_\_

Do you plan to subcontract any portion of this project? Yes \_\_\_ No \_\_\_

If yes, please complete the attached schedule of M/WBE participation. Also complete the schedule if you will be using any M/WBE suppliers.

THE UNDERSIGNED PROPOSES TO FURNISH THE FOLLOWING ITEMS IN STRICT CONFORMANCE TO THE BID SPECIFICATIONS AND BID INVITATION ISSUED BY THE CITY OF SAVANNAH FOR THIS BID. ANY EXCEPTIONS ARE CLEARLY MARKED IN THE ATTACHED COPY OF BID SPECIFICATIONS:

### SIGNAL CONSTRUCTION

| Item No. | Description   | Estimated Quantity | Unit | Unit Price | Total Price |
|----------|---|--------------------|------|------------|-------------|
| 1        | Furnish and Install CLASS 2, 35-foot Timber Pole w/#6 Bare Copper Wire for length of pole and to nearest ground rod | 1                  | EA   |            |             |
| 2        | Furnish and Install CLASS 2, 40-foot Timber Pole w/#6 Bare Copper Wire for length of pole and to nearest ground rod | 1                  | EA   |            |             |
| 3        | Furnish and Install Down-Guy Anchor Including Plastic Guy Guard and Span Wire                                       | 1                  | EA   |            |             |
| 4        | Install Pedestrian Pole Foundation, including concrete - 20" x 24"  | 1                  | EA   |            |             |
| 5        | Install Street Light Foundation, including all concrete and rebar - 24" x 3'-5.5'                                   | 1                  | EA   |            |             |
| 6        | Install Street Light Foundation, including all concrete and rebar - 24" x 6' - 8'                                   | 1                  | EA   |            |             |
| 7        | Install Steel Pole Foundation, including all concrete and rebar - 36" x10'-14'                                      | 1                  | EA   |            |             |
| 8        | Install Steel Pole Foundation, including all concrete and rebar - 36" x14.1'-18'                                    | 1                  | EA   |            |             |
| 9        | Install Pedestrian Pole on Concrete Base  | 1                  | EA   |            |             |
| 10       | Install Street Light (18' – 29') Pole on Base   | 1                  | EA   |            |             |
| 11       | Install Street Light (30' – 35') Pole on Base   | 1                  | EA   |            |             |
| 12       | Install Steel Strain Pole on Concrete Base  | 1                  | EA   |            |             |
| 13       | Install Single Mast Arm (Less than 50')   | 1                  | EA   |            |             |
| 14       | Install Single Mast Arm (50' and over)  | 1                  | EA   |            |             |
| 15       | Install Double Mast Arms ( All Sizes)   | 1                  | EA   |            |             |
| 16       | Furnish and Install 1 Run of 1" PVC SCH40 Conduit (Underground/Open Cut)  | 100                | LF   |            |             |
| 17       | Furnish and Install 1 Run of 2" PVC SCH40 Conduit (Underground/Open Cut)  | 100                | LF   |            |             |
| 18       | Furnish and Install 2 Runs of 2" PVC SCH40 Conduit (Underground/Open Cut)   | 100                | LF   |            |             |
| 19       | Furnish and Install 3 Runs of 2" PVC SCH40 Conduit (Underground/Open Cut)   | 100                | LF   |            |             |
| 20       | Furnish and Install 4 Runs of 2" PVC SCH40 Conduit (Underground/Open Cut)   | 100                | LF   |            |             |
| 21       | Furnish and Install 1 Run of 1" PVC SCH40 Conduit (Under Pavement) Including Pavement Repair                        | 100                | LF   |            |             |

|    |   |     |    |  |  |
|----|---|-----|----|--|--|
| 22 | Furnish and Install 1 Run of 2" PVC SCH40 Conduit (Under Pavement) Including Pavement Repair  | 100 | LF |  |  |
| 23 | Furnish and Install 2 Runs of 2" PVC SCH40 Conduit (Under Pavement) Including Pavement Repair | 100 | LF |  |  |
| 24 | Furnish and Install 3 Runs of 2" PVC SCH40 Conduit (Under Pavement) Including Pavement Repair | 100 | LF |  |  |
| 25 | Furnish and Install 4 Runs of 2" PVC SCH40 Conduit (Under Pavement) Including Pavement Repair | 100 | LF |  |  |
| 26 | Furnish and Install 1 Run of 2" Conduit (Directional Bore)                                    | 100 | LF |  |  |
| 27 | Furnish and Install 2 Runs of 2" Conduit (Directional Bore)                                   | 100 | LF |  |  |
| 28 | Furnish and Install 3 Runs of 2" Conduit (Directional Bore)                                   | 100 | LF |  |  |
| 29 | Furnish and Install 4 Runs of 2" Conduit (Directional Bore)                                   | 100 | LF |  |  |
| 30 | Furnish and Install 1" Rigid Riser Strapped to Pole   | 20  | LF |  |  |
| 31 | Furnish and Install 2" Rigid Riser Strapped to Pole   | 20  | LF |  |  |
| 32 | Install Type 1 pull Box Including Gravel Base   | 1   | EA |  |  |
| 33 | Install Type 2 pull Box Including Gravel Base   | 1   | EA |  |  |
| 34 | Install Type 3 pull Box Including Gravel Base   | 1   | EA |  |  |
| 35 | Install Type 4 pull Box Including Gravel Base   | 1   | EA |  |  |
| 36 | Install Type 5 pull Box Including Gravel Base   | 1   | EA |  |  |
| 37 | Install Type 1 Pull Box Including Gravel Base & Pavement/Brick Repair                         | 1   | EA |  |  |
| 38 | Install Type 2 Pull Box Including Gravel Base & Pavement/Brick Repair                         | 1   | EA |  |  |
| 39 | Install Type 3 Pull Box Including Gravel Base & Pavement/Brick Repair                         | 1   | EA |  |  |
| 40 | Install Type 4 Pull Box Including Gravel Base & Pavement/Brick Repair                         | 1   | EA |  |  |
| 41 | Install Type 5 Pull Box Including Gravel Base & Pavement/Brick Repair                         | 1   | EA |  |  |
| 42 | Install Signal Cabinet Base (332) 24" x 36" including Gravel Base                             | 1   | EA |  |  |
| 43 | Install Signal Cabinet Base (336) 25" x 25" including Gravel Base                             | 1   | EA |  |  |
| 44 | Install Signal Cabinet Base (Large/Combo) 50" x 56" including Gravel Base                     | 1   | EA |  |  |

|    |  |     |    |  |  |
|----|--|-----|----|--|--|
| 45 | Install Cabinet Base (332) 24" x 36" including Gravel Base & Necessary Pavement/Brick Repair         | 1   | EA |  |  |
| 46 | Install Cabinet Base (336) 25" x 25" including Gravel Base & Necessary Pavement/Brick Repair         | 1   | EA |  |  |
| 47 | Install Cabinet Base (Large/Combo) 50" x 56" including Gravel Base & Pavement/Brick Repair           | 1   | EA |  |  |
| 48 | Install Traffic Signal Cabinet Work Pad, 24" x 36"   | 1   | EA |  |  |
| 49 | Install Traffic Signal Cabinet Work Pad, 24" x 25"   | 1   | EA |  |  |
| 50 | Furnish and Install 3/4" x 10' Ground Rod with Exothermic Weld                                       | 1   | EA |  |  |
| 51 | Furnish and Install #6 Bare Copper Wire  | 100 | LF |  |  |
| 52 | Furnish and Install #6 Wire (Black, White, or Green)   | 100 | LF |  |  |
| 53 | Install Detection Pulse Loop 6' x 6' W/Lead-in 15' or Less   | 1   | EA |  |  |
| 54 | Install Detection Quadruple Loop 6' x 40' w/Lead-in 15' or Less                                      | 1   | EA |  |  |
| 55 | Install Detection Loop Lead-in Greater than 15' (per LF)   | 15  | LF |  |  |
| 56 | Furnish and Install Loop Lead-in 3 Pair, 18AWG in Conduit  | 100 | LF |  |  |
| 57 | Furnish and Install Loop Lead-in 3 Pair, 18 AWG Overhead Lashed To Guy Wire (Metal Lashing Rod Only) | 100 | LF |  |  |
| 58 | Furnish and Install 1/4" Messenger Wire including Strandvises  | 100 | LF |  |  |
| 59 | Furnish and Install Signal Cable (Metal Lashing Rod Only)  | 100 | LF |  |  |
| 60 | Furnish and Install 3/8" Span Wire (Diagonal) Including Strandvises                                  | 100 | LF |  |  |
| 61 | Furnish and Install 3/8" Span Wire (Box) Including Strandvises                                       | 100 | LF |  |  |
| 62 | Furnish and Install 3/8" Span Wire (Other) Including Strandvises/Rings                               | 100 | LF |  |  |
| 63 | Install traffic Signal 12" STD. 3-Section Head   | 7   | EA |  |  |
| 64 | Install Traffic Signal 12" STD. 4-Section Head   | 1   | EA |  |  |
| 65 | Install Traffic Signal 12" STD. 5-Section Cluster  | 1   | EA |  |  |
| 66 | Remove Span Wire including Signal Heads, Signs, Etc. (per intersection)                              | 1   | EA |  |  |
| 67 | Remove Base Mounted Cabinet and Base W/Landscaping Repair  | 1   | EA |  |  |
| 68 | Remove Pedestrian Pole Base including Landscaping Repair   | 1   | EA |  |  |



|    |  |    |    |  |  |
|----|--|----|----|--|--|
| 69 | Remove Timber Pole including Landscaping Repair  | 1  | EA |  |  |
| 70 | Remove Hit/Broken Timber Signal Pole including Disposal  | 15 | EA |  |  |
| 71 | Remove Steel Strain Signal Pole  | 1  | EA |  |  |
| 72 | Remove Mast Arm  | 1  | EA |  |  |
| 73 | Remove Steel Pole Foundation (Partial Removal, not less than 12" from ground level) including Landscaping Repair | 1  | EA |  |  |
| 74 | Remove Steel Pole Foundation (Complete Removal), including Landscaping Repair                                    | 1  | EA |  |  |

**SECTION TOTAL \$ \_\_\_\_\_**  
(lines 1-74)

To calculate the line total for Emergency Cost Factor please enter 15% of your bid subtotal in the "Estimated Emergency Projects Amount" cell then multiply by the percentage mark-up for emergency response. The resulting figure should be entered as the line total. This line total should then be added to the subtotal for the total gross bid amount.

| Item No. | Description   | Estimated Emergency Projects Amount (15 % of bid subtotal) | Percentage Mark-up for Emergency Response | Line Total |
|----------|---|--|---|------------|
| 75       | Estimated Emergency Projects Amount X ECF(% Markup) See Section 4.2.6 |  | x %                                       |            |

**TOTAL GROSS BID \$ \_\_\_\_\_**  
(lines 1-75 total)

**PAYMENT TERMS: PLEASE CHECK ONE AND FILL IN BLANKS**

(Minimum of 10 working days must be allowed for discount to be considered in bid Award)

Less  %  Days Prompt Payment Discount (if offered) (\_\_\_\_\_)

Net - 30 Days (no discount offered) - 0 -

**TOTAL NET BID \$ \_\_\_\_\_**





**EMERGENCY CONTACT per Section 4.2.1:** Please include the name and phone number of the contact for emergency work.

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**TIME REQUIRED FOR DELIVERY AFTER RECEIPT OF ORDER:** \_\_\_\_\_ **DAYS**

**HAVE YOU SUBMITTED ATTACHMENT 1 WITH YOUR BID?** \_\_\_\_ **YES** \_\_\_\_ **NO**

**CONFIRM RECEIPT OF ANY ADDENDA ISSUED FOR THIS BID:**

**ADDENDUM** \_\_\_\_\_ **#**

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

**I certify this Bid complies with the General Specifications and Special Conditions issued by the City except as clearly marked in the attached copy.**

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**Please Print Name**

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**Authorization Signature**

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**Date**



## NON-DISCRIMINATION STATEMENT

The prime contractor/bidder certifies that:

- (1) No person shall be excluded from participation in, denied the benefit of, or otherwise discriminated against on the basis of race, color, national origin, or gender in connection with any bid submitted to the City of Savannah or the performance of any contract resulting therefrom;
- (2) That it is and shall be the policy of this Company to provide equal opportunity to all business persons seeking to contract or otherwise interested in contracting with this Company, including those companies owned and controlled by racial minorities, cultural minorities, and women;
- (3) In connection herewith, We acknowledge and warrant that this Company has been made aware of, understands and agrees to take affirmative action to provide such companies with the maximum practicable opportunities to do business with this Company;
- (4) That this promise of non-discrimination as made and set forth herein shall be continuing in nature and shall remain in full force and effect without interruption;
- (5) That the promises of non-discrimination as made and set forth herein shall be and are hereby deemed to be made as part of and incorporated by reference into any contract or portion thereof which this Company may hereafter obtain and;
- (6) That the failure of this Company to satisfactorily discharge any of the promises of non-discrimination as made and set forth herein shall constitute a material breach of contract entitling the City of Savannah to declare the contract in default and to exercise any and all applicable rights and remedies including but not limited to cancellation of the contract, termination of the contract, suspension and debarment from future contracting opportunities, and withholding and or forfeiture of compensation due and owing on a contract.

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Signature

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Title



**PROPOSED SCHEDULE OF M/WBE PARTICIPATION**

Any M/WBE listed in this completed form must be certified by the City of Savannah and/or other certifying agency such as USDOT, GDOT, SBA 8(a) or GMSDC prior to the due date of this bid. Proof of M/WBE certification such as a certificate or letter from the certifying agency is required to accompany the bid. A firm that has submitted an application for M/WBE certification or an application for M/WBE certification under review but has not been certified is not qualified as a certified M/WBE and will not be recognized as such during the City's evaluation process.

Name of Proposer: \_\_\_\_\_

Event No. 5019

Project Title: \_\_\_\_\_

**NOTE: Unless certified through the City of Savannah's MWBE Program, proof of MWBE certification must be attached to this completed form for all firms listed in the table below.**

| Name of M/WBE Participant | Name of Majority Owner | Telephone | Address (City, State) | Type of Work Sub-Contracted | Estimated Sub-contract Value | MBE or WBE | City Certified Y or N |
|---------------------------|------------------------|-----------|-----------------------|-----------------------------|------------------------------|------------|-----------------------|
|                           |                        |           |                       |                             | %                            |            |                       |
|                           |                        |           |                       |                             | %                            |            |                       |
|                           |                        |           |                       |                             | %                            |            |                       |
|                           |                        |           |                       |                             | %                            |            |                       |
|                           |                        |           |                       |                             | %                            |            |                       |
|                           |                        |           |                       |                             | %                            |            |                       |

MBE Participation Value: \_\_\_\_\_ %

Women Participation Value: \_\_\_\_\_ %

The undersigned will enter into a formal agreement with the M/WBE Subcontractors/Proposers identified herein for work listed in this schedule conditioned upon executing of a contract with the Mayor and Aldermen of the City of Savannah. The Prime's subcontractors' subcontractors must enter into a formal agreement with the tier subcontractor identified herein for work listed in this schedule. It is the responsibility of the Prime contractor to ensure compliance by all subcontractors.

**Joint Venture Disclosure**

If the prime bidder is a joint venture, please describe below the nature of the joint venture and level of work and financial participation to be provided by the Minority/Female joint venture firm.

| Joint Venture Firms | Level of Work | Financial Participation |
|---------------------|---------------|-------------------------|
|                     |               |                         |
|                     |               |                         |

Printed name (company officer or representative): \_\_\_\_\_

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

Title: \_\_\_\_\_ Email: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

*NOTE: The Minority/Women Owned Business Office is available to assist with identifying certified M/WBEs. Please contact the M/WBE Office at (912) 652-3582. The City of Savannah's certified M/WBE registry is posted on its website @ [www.savannahga.gov](http://www.savannahga.gov).*



## Developing a Strong M/WBE Participation Plan

### *Key facts every bidder/proposer needs to know prior to developing their M/WBE Participation Plan:*

1. All bidders/proposers must submit a "Proposed Schedule of M/WBE Participation" which identifies the minority and/or woman-owned companies that have agreed to participate in the project if awarded. All companies listed on the form must be certified as either minority-owned and controlled or woman-owned and controlled. The City does not accept a company's "self-identification" as minority or woman-owned.
2. **Proof** of M/WBE certification from the certifying agency is required to accompany the bid; and certification must have been completed by the City of Savannah, a federally-recognized or a state-level certifying agency (USDOT, State DOT, SBA 8(a) or GMSDC) utilizing certification standards comparable to the City of Savannah.
3. The certification must have been approved prior to the due date of this bid. A firm that has submitted an application for certification but has not been certified will not be counted toward the M/WBE goal.
4. The M/WBE Office **will be contacting all M/WBE firms** included in the bidder's M/WBE Plan to confirm each: a) was contacted by the bidder/proposer; b) performs the type of work listed; and c) agreed to participate.
5. To expedite the verification process, bidders/proposers need to: provide accurate phone numbers for all M/WBEs listed; ensure M/WBEs know to expect to be contacted by phone and email; request M/WBEs be accessible during the critical period before bid-opening; and advise M/WBEs that City staff **must** receive the M/WBE's confirmation that the firm agreed to participate in the bid/proposal in order for the prime contractor to receive credit toward their proposed M/WBE participation goals.
6. If a proposed M/WBE cannot be confirmed as certified, performing the type of work described or agreeing to participate, the bidder/proposer will be notified and given a pre-determined period to submit a correction. If an M/WBE still cannot be confirmed or replaced, the proposed percentage of participation associated with the unverified M/WBE firm will **not be counted** and **will be deducted** from the overall proposed M/WBE goal.
7. Any tier of M/WBE subcontractors or suppliers that will be utilized in the contract work may count toward the MBE and WBE goal **as long as the tier subcontractors/suppliers are certified M/WBEs**. Work that an M/WBE subcontracts to a non-M/WBE firm does **not** count toward the M/WBE goal.
8. M/WBEs must perform a "**commercially useful function**" which is the provision of **real and actual work or products**, or performing a distinct element of work for which the business has the skills, qualifications and expertise, and the responsibility for the actual management and supervision of the work contracted.
9. Per the *Proposed Schedule of M/WBE Participation* "the undersigned (bidder/proposer) will enter into a formal agreement with the M/WBE Subcontractors/Proposers identified herein for work listed in this schedule, conditioned upon executing a contract with the Mayor and Aldermen of the City of Savannah." **This signed commitment is taken seriously by the City**, so do not list M/WBEs you do not plan to utilize. Any proposed changes must be pre-approved by the M/WBE Office, be based on legitimate business-related reasons, and still meet the M/WBE participation goals per the City's contract.
10. A bidder who is a certified M/WBE may count toward the goal the portion of work or services on a City contract that is actually performed by the M/WBE, including: the cost of supplies/materials purchased or equipment leased for contract work, fees for bona fide services such as professional or technical services, or for providing bonds or insurance specifically required for the performance of a City contract.
11. If awarded the contract, the MWBE Office **will be reviewing your company's subcontracts, invoices and payment records** to substantiate the completion of work and payment of M/WBEs. If the prime contractor is an M/WBE that is being included in its M/WBE goal, the prime contractor must maintain records **that will be inspected** to prove the portion of work performed, cost of work, and payments to the prime company.
12. Most bids for goods and materials do not have specific MWBE goals established for the contract. If no goals are include in the scope of work or General Specifications, you are not required to submit MWBE participation but encouraged to do so when the opportunity is available. The City maintains this information for statistical purposes only and it is not reflected in the award decision.



**ATTACHMENT 1**

**This attachment must be submitted with your bid in order to be considered further. Bids submitted without the required references will not be considered further.**

**In the space provided below, list references in which your company has done similar business.**

1. **Company Name:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_

2. **Company Name:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_

3. **Company Name:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_