



ITB NUMBER 17-165-C

For

INVITATION TO BID FOR

HARDSCRABBLE GREEN LOOP MULTI-USE TRAIL

GDOT PI 0000265

GDOT PROJECT NUMBER HPP00-0000-00(265)

BIDS DUE: No later than June 14, 2017, 2:00 PM EST in hard copy. Electronic submissions via e-mail or fax will NOT be accepted.

There will be a pre-bid conference held on June 5, 2017 at 9:00 AM in the City of Roswell Council Chambers, 38 Hill St., Roswell, GA 30075.

Questions should be directed in writing to City of Roswell Purchasing Division,
via e-mail to:

purchasing@roswellgov.com

**Submit Proposals to:
City of Roswell
Purchasing Division
38 Hill Street, Suite 130
Roswell, Georgia 30075**

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BID LETTER AND CERTIFICATION

(FAILURE TO INCLUDE THIS SIGNED BID LETTER AND BID CERTIFICATION MAY RESULT IN THE REJECTION OF YOUR BID.)

We propose to furnish and deliver any and all of the deliverables and services named in the attached ITB 17-165-C Hardscrabble Green Loop Multi-Use Trail for the City of Roswell for which prices have been set. The price or prices offered herein shall apply for the period of time stated in the ITB.

It is understood and agreed that this proposal constitutes an offer, which when accepted in writing by Purchasing Division, City of Roswell, and subject to the terms and conditions of such acceptance, will constitute a valid and binding contract between the undersigned and the City of Roswell ("City").

It is understood and agreed that we have read the City's specifications shown or referenced in the ITB and that this proposal is made in accordance with the provisions of such specifications. By our written signature on this proposal, we guarantee and certify that all items included in this proposal meet or exceed any and all such City specifications described in this ITB. We further agree, if awarded a contract, to deliver goods and services which meet or exceed the specifications. The City reserves the right to reject any or all proposals, waive technicalities, and informalities, and to make an award in the best interest of the City.

It is understood and agreed that this proposal shall be valid and held open for a period of one hundred eighty (180) days from proposal opening date.

PROPOSAL SIGNATURE AND CERTIFICATION

I certify that this proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal ("Offeror") 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 Offeror. I further certify that the provisions of O.C.G.A. § 45-10-20, et seq. have not been violated and will not be violated in any respect.

Authorized Signature for Offeror _____

Date _____

Print/Type Name _____

Print/Type Offeror Name Here _____

OFFEROR'S ITB CHECKLIST

10 Critical Things to Keep in Mind When Responding to an ITB for the City of Roswell

1. _____ **Read the *entire* document.** Note critical items such as: supplies/services required; submittal dates; number of copies required for submittal; contract requirements (e.g. bonding and insurance requirements); etc.
2. _____ **Note the Buyer's name, address, phone numbers and e-mail address.** This is the **only** person you are allowed to communicate with regarding the ITB and is an excellent source of information.
3. _____ **Attend the pre-bid conference** if one is offered. These conferences provide an opportunity to ask clarifying questions, obtain a better understanding of the project, or to notify the City of any ambiguities, inconsistencies, or errors in the ITB. This conference may be mandatory.
4. _____ **Take advantage of the “question and answer” period.** Submit your questions to the Buyer by the due date listed in the *Schedule of Events* and view the answers given in the formal “addenda” issued for the ITB. All addenda issued for an ITB are posted on the City’s website and will include all questions asked and answered concerning the ITB.
5. _____ **Follow the format required in the ITB** when preparing your response. Provide point-by-point responses to all sections in a clear and concise manner.
6. _____ **Provide complete answers/descriptions.** Read and answer **all** questions and requirements. Don’t assume the City will know what your company’s capabilities are or what items/services you can provide, even if you have previously contracted with the City. The proposals are evaluated based solely on the information and materials provided in your response.
7. _____ **Use the forms provided**, e.g. cover page, bid sheet, standard forms, etc.
8. _____ **Check the City’s website for ITB addenda.** Before submitting your response, check the City’s website at <http://www.roswellgov.com/> to see whether any addenda were issued for the ITB. **If so, you must submit a signed cover sheet for each addendum issued along with your ITB response.**
9. _____ **Review the ITB document again** to make sure that you have addressed all requirements. Your original response and the requested copies must be identical and complete. The copies are provided to the Evaluation Committee members and will be used to score your proposal.
10. _____ **Submit your proposal on time.** Note all the dates and times listed in the *Schedule of Events* and within the document, and be sure to submit all required items on time. Late proposal responses will not be accepted.

This checklist is provided for assistance only and should not be submitted with Offeror’s Bid.

SCHEDULE OF EVENTS

<u>EVENT</u>	<u>DATE</u>
ITB Issue Date	May 3, 2017
Pre-bid Conference.....	June 5, 2017 (9:00 AM)
Deadline for Receipt of Written Questions	June 7, 2017 (2:00 PM)
Deadline for Posting of Written Answers to City’s Website	June 9, 2017
ITB Response Due Date	June 14, 2017 (2:00 pm)
ITB Opening	June 14, 2017 (2:30 pm)
Anticipated Award Date	June/ July 2017

(All time references in this document are to be understood as local, Eastern Time for our City, Roswell, GA.)

PROJECT OVERVIEW

Project: Hardscrabble Green Loop
GDOT PI 0000265
GDOT PROJECT NUMBER HPP00-0000-00(265)

The City of Roswell is accepting bids for the furnishing of all materials, labor, and equipment for the completion of the Hardscrabble Green Loop project from King Road to Etris Road. This project will add a 10-foot multi-use path, 4-foot bicycle lanes, and a 5-foot sidewalk along Hardscrabble Road. A roundabout at Chaffin Road will also be constructed as part of the corridor improvements. The work shall include traffic control, grading, paving, erosion control, and other items that may be related to the project work.

This project is a GDOT Locally Let Project. There is a GDOT Standard Federal Aid Contract Package for Locally Let Projects that will be required to be submitted with the Bid.

SECTION 1: ITB INSTRUCTIONS

1.1 Single Point of Contact

From the date this Invitation to Bid (the “ITB”) is issued until an Offeror is selected, **Offerors are not allowed to communicate with any staff (other than designee below) or elected officials of the City regarding this procurement.** Any unauthorized contact may disqualify the Offeror from further consideration. Contact information for the single point of contact is as follows:

Buyer:	Charise Glass
Address:	38 Hill Street Roswell, GA 30075
Telephone Number:	770-641-3718
E-mail Address:	purchasing@roswellgov.com

1.2 Required Review

- 1.2.1 **Review ITB:** Offerors should carefully review this ITB in its entirety including all instructions, requirements, specifications, and terms/conditions and promptly notify the Buyer, identified above, in writing or via e-mail of any ambiguity, inconsistency, unduly restrictive specifications, or error which may be discovered upon examination of this ITB.
- 1.2.2 **Addenda:** The City of Roswell may revise this ITB by issuing an addendum prior to its opening. The addendum will be posted on the City’s website alongside the posting of the ITB at <http://www.roswellgov.com/>. Addenda will become part of the bid documents and subsequent contract. Offerors must sign and return any addendum with their ITB response. Failure to propose in accordance with an addendum may be cause for rejection. In unusual circumstances, the City of Roswell may postpone an opening in order to notify vendors and to give Offerors sufficient time to respond to the addendum.
- 1.2.3 **Form of Questions:** Offerors with questions or requiring clarification or interpretation of any section within this ITB must address these questions in writing or via e-mail to the Buyer referenced above on or before **June 7, 2017**. Each question must provide clear reference to the section, page, and item in question. Questions received after the deadline may not be considered.
- 1.2.4 **The City of Roswell’s Answers:** The City of Roswell will provide by **June 9, 2017**, an official written answer to all questions received within the period stipulated under *Section 1.2.3*. The City of Roswell’s response will be by formal written addendum. Any other form of interpretation, correction, or change to this ITB will not be binding upon the City of Roswell. Any formal written addendum will be posted on the City’s website alongside the posting of the ITB at <http://www.roswellgov.com/> by the close of business on the date listed. Offerors must sign and return any addendum with their ITB response.

1.3 Pre-bid Conference

There will be a pre-bid conference for this project on **June 5, 2017 at 9:00 AM**. This conference will be held in Council Chambers, Roswell City Hall, 38 Hill St., Roswell, GA. 30075. Attendance is not required, but highly recommended.

1.4 Submitting a Sealed Bid

1.4.1 **Organization of Bid:** Each bid shall be prepared simply and economically, providing straight-forward, concise delineation of the Offeror's capabilities to satisfy the requirements of this ITB. To expedite the evaluation of proposals, it is essential that Offerors follow the format and instructions contained herein.

Offeror shall reference the bid number and closing date and time on the **outside, lower left corner** of the envelope containing the bid. Failure to include such information may delay opening of the bid.

Offerors must organize their bids in the following format:

- a. **Bid Letter and Certification** – Offeror's authorized representative(s) shall complete and sign the Bid Letter and Certification on page 4 of this ITB and return it with the bid.
- b. **Scope of Project/Specifications** – Offeror shall respond comprehensively and clearly to the requirements of *Section 3* and shall include all documents, information, exceptions, clarifications, etc., as requested therein.
- c. **Offeror Qualification** – Offeror shall include all requested documents and information.
- d. **Cost Submission** – Offeror's authorized official to complete, sign, and return with bid response.
 - i. Offerors **must** respond to this ITB by utilizing the Schedule of Items.
 - ii. Except in rare cases as described in Section 1.4.5, a bid may not be corrected, withdrawn, or canceled by the Offeror for a 180-day period following the deadline for bid submission as defined in the Schedule of Events, or receipt of best and final offer, if required, and Offeror so agrees in submitting the bid.
 - iii. The Cost Bid Form will be used as the primary representation of each Offeror's cost/price, and will be used extensively during bid evaluations.
 - iv. Additional information should be included as necessary to explain in detail the Offeror's cost/price.
- e. **Appendix A, Standard Forms** – Offeror's authorized representative(s) **must** complete the standard forms and return with bid response.
- f. **Appendix B, Contract Sample**
- g. **Appendix C, GDOT Definitions and Special Conditions**
- h. **Addenda** – if any addenda have been issued, complete, sign and return the Bid Cost Form and reference All Addenda issued for bid.

1.4.2 **Failure to Comply with Instructions:** The City of Roswell may also choose not to evaluate, may deem non-responsive, and/or may disqualify from further consideration

any proposals that do not follow this ITB format, are difficult to understand, are difficult to read, or are missing any requested information.

1.4.3 **Multiple Bids:** Offerors may, at their option, submit multiple bids, in which case each bid shall be evaluated as a separate document. Multiple bids must be submitted in separate envelopes and marked plainly to notify that each envelope contains a separate and single bid response.

1.4.4 **Copies Required and Deadline for Receipt of Sealed Bids:** All bids must be received in sealed opaque packaging. Offerors must submit the following number of copies to the address set forth on the Cover Page:

- One (1) unbound hard copy (3-ring binder OK) marked "Original" with original signatures; and
- One (1) electronic copy. The electronic copy shall be submitted in pdf format (OCR) and organized in the same format as the original submission with each Chapter or Section of the original having a corresponding Electronic File.

Bids must be received sealed and at the Purchasing Office of the location noted on the Cover Page prior to **2:00 PM (EST), on June 14, 2017**. Facsimile or e-mail responses to invitation for bids are NOT accepted.

1.4.5 **Late Submissions, Withdrawals, and Corrections:**

- A. **Late Bid:** Regardless of cause, late bids will not be accepted and will automatically be disqualified from further consideration. It shall be the Offeror's sole risk to assure delivery to the Purchasing Office by the designated time. Late bids will not be opened and may be returned to the Offeror at the expense of the Offeror or destroyed if requested.
- B. **Bid Withdrawal:** An Offeror requesting to withdraw its bid prior to the ITB due date and time may submit a letter to the Buyer requesting to withdraw. The letter must be on company letterhead and signed by an individual authorized to legally bind the firm.
- C. **Bid Correction:** If an obvious clerical error is discovered after the bid has been opened; the Offeror may submit a letter to the designated Buyer within two business days of opening, requesting that the error be corrected. The letter must be on company letterhead and signed by an individual authorized to legally bind the firm. The Offeror must present clear and convincing evidence that an unintentional error was made. The Buyer will review the correction request and a judgment will be made. Generally, modifications to opened bids for reasons other than obvious clerical errors are not permitted.

1.5 Offeror's Certification

1.5.1 **Understanding of Specifications and Requirements:** By submitting a response to this ITB, Offeror agrees to an understanding of and compliance with the specifications and requirements described in this ITB.

1.5.2 **Offeror's Signature:** All signatures required in the bid on behalf on an Offeror must be signed in ink by an individual authorized to legally bind the business submitting the bid. The Offeror's signature on a bid in response to this ITB guarantees that the prices quoted

have been established without collusion and without effort to preclude the City of Roswell from obtaining the best possible supply or service. Proof of authority of the person signing the ITB response must be furnished upon request.

- 1.5.3 **Offer in Effect for 180 Days:** Except in rare cases as described in *Section 1.4.5*, a bid may not be corrected, withdrawn, or canceled by the Offeror for a 180-day period following the deadline for bid submission as defined in the Schedule of Events, or receipt of best and final offer, if required, and Offeror so agrees in submitting the bid.

1.6 Cost of Preparing a Bid

- 1.6.1 **Roswell Not Responsible for Preparation Costs:** The costs for developing and delivering responses to this ITB and any subsequent presentations of the bid as requested by the City of Roswell are entirely the responsibility of the Offeror. The City of Roswell is not liable for any expense incurred by the Offeror in the preparation and presentation of their bid.
- 1.6.2 **All Timely Submitted Materials Become Roswell's Property:** All materials submitted in response to this ITB become the property of the City of Roswell and are to be appended to any formal documentation, which would further define or expand any contractual relationship between the City of Roswell and Offeror resulting from this ITB process.

SECTION 2: ITB RECEIPT AND EVALUATION PROCESS

2.1. Authority

This ITB is issued under the authority of the City of Roswell.

2.2. Receipt of Bids and Public Inspection

- 2.2.1 **Public Information:** During the opening of sealed bids, the Offeror's name, bid amount, and other pertinent information will be read aloud and recorded. No other information will be disclosed at that time. Each bid offer is considered open record and all information received in response to this ITB, including copyrighted material, is deemed public information and will be made available for public viewing and copying shortly after bid opening with the following four (4) exceptions: (1) bona fide trade secrets meeting confidentiality requirements that have been properly marked, separated, and documented; (2) matters involving individual safety as determined by the City of Roswell; (3) any company financial information requested by the City of Roswell to determine vendor responsibility, unless prior written consent has been given by the Offeror; and (4) other constitutional protections.
- 2.2.2 **Buyer's Review of Bids:** Upon opening the sealed bids received in response to this ITB, the Buyer in charge of the solicitation will review the bids and separate out any information that meets the referenced exceptions in *Section 2.2.1* above, providing the following conditions have been met:
- Confidential information is clearly marked and separated from the rest of the bid;

- Bid does not contain confidential material in the cost/price section; and
- An affidavit from an Offeror’s legal counsel attesting to and explaining the validity of the trade secret claim is attached to each bid containing trade secrets.

Information separated out under this process will be available for review only by Buyer, the Finance Director, and limited other designees. Offerors must be prepared to pay all legal costs and fees associated with defending a claim for confidentiality in the event of a “right to know” (open records) request from another party.

2.3. Classification and Evaluation of Bids

2.3.1 **Initial Classification of Bids as Responsive or Nonresponsive:** All bids will initially be classified as either “responsive” or “nonresponsive”. Bids may be found nonresponsive at any time during the evaluation process or negotiations if: any of the required information is not provided; the submitted price is found to be excessive or inadequate as measured by criteria stated in the ITB; or the bid is not within the plans and specifications described and required in the ITB. Bids found nonresponsive may not be considered further.

2.3.2 **Determination of Responsibility:** The Buyer will determine whether an Offeror has met the standards of responsibility. Such a determination may be made at any time during the evaluation process and through negotiation if information surfaces that would result in a determination of non-responsibility. If an Offeror is found non-responsible, the determination must be in writing and made a part of the procurement file.

2.3.3 **Evaluation of Bids:** During the evaluation of the bids, the City reserves the right to request clarification of bid responses and to request the submission of references, if deemed necessary for a complete evaluation of bid responses.

Award will be made to the responsive and responsible Offeror whose bid is most economical according to designated criteria. The determination of the lowest responsive and responsible Offeror may involve all or some of the following factors:

- | | |
|---|--|
| - price, | - experience, |
| - conformity to specifications, | - delivery promise, |
| - financial ability to meet the contract, | - terms of payment, |
| - previous performance, | - compatibility as required, |
| - facilities and equipment, | - other cost, |
| - availability of repair parts, | - and other objective and accountable factors, if any. |

The City shall be the judge of the factors and will make the award in the best interest of the City.

2.3.4 **Completeness of Bids:** Selection and award will be based on the Offeror’s bid and other items outlined in this ITB. Submitted responses may not include references to information located elsewhere, such as Internet websites or libraries, unless specifically requested. Information or materials presented by Offerors outside the formal response or subsequent discussion/negotiation, if requested, will not be considered, will have no bearing on any award, and may result in the Offeror being disqualified from further consideration.

2.3.5 **Opportunity for Discussion/Negotiation:** After receipt of all bids and prior to the determination of the award, the City of Roswell may initiate discussions with one or more Offerors should clarification or negotiation be necessary.

2.3.6 **Contract Award:** Award, if any, will be made by City Council upon recommendation, to the Offeror providing the lowest responsive and responsible bid and who provides all required documents.

2.4. Roswell's Rights Reserved

While the City of Roswell has every intention to make an award as a result of this ITB, issuance of the ITB in no way constitutes a commitment by the City of Roswell to award and execute a contract. Upon a determination such actions would be in its best interest, the City of Roswell, in its sole discretion, reserves the right to:

- Cancel or terminate this ITB at any time. A notice of cancellation will be issued on the Roswell website. If the ITB is cancelled, the City of Roswell will not reimburse any Offeror for the preparation of its bid. Bids may be returned upon request if unopened;
- Reject any or all bids received in response to this ITB,
- Make a contract award, based directly on the bids received, determined to be in the best interest of the City, in its sole discretion,
- Enter into further discussions with one or more Offerors;
- Waive and/or amend any undesirable, inconsequential, or inconsistent provisions/specifications of this ITB which would not have significant impact on any bid;
- Not award if it is in the best interest of the City of Roswell; or
- Terminate any contract if the City of Roswell determines adequate funds are not available.

SECTION 3: SCOPE OF PROJECT/SPECIFICATIONS

3.1 City's Intent

The City of Roswell is accepting bids for the furnishing of all materials, labor, and equipment for the completion of the Hardscrabble Green Loop project from King Road to Etris Road. This project will add a 10-foot multi-use path, 4-foot bicycle lanes, and a 5-foot sidewalk along Hardscrabble Road. A roundabout at Chaffin Road will also be constructed as part of the corridor improvements. The work shall include traffic control, grading, paving, erosion control, and other items that may be related to the project work. The project is expected to start in May 2017 and take up to five hundred forty eight days (548) calendar days to complete.

3.2 Required Information : General Notes

1. City of Roswell Inspector: Greg Nicolas
Office: 770-594-6420
Cell: 217-825-5707
gnicolas@roswellgov.com
2. The contractor shall make a site visit prior to submittal of the bid. It is the contractor's responsibility to determine, and secure access to the job site including areas for materials and equipment storage. The site will be returned to its original condition upon project completion.

3. It shall be the contractor's responsibility to notify any and all utility companies for marking and location of any facilities which might be in the way.
4. City of Roswell will not be responsible for any delay caused by the failure of any utility companies to respond in a timely manner. No claims will be considered for extra compensation.
5. All work performed shall be in accordance with the Georgia Department of Transportation's Specifications and Standard Details and Drawings per the 2013 Edition of the GDOT Standard Specifications Construction of Transportation Systems.
6. Contractor must be GDOT pre-qualified. A Georgia General Contractor's License is required for this project. GDOT pre-approved Contractor status will be acceptable in lieu of the Georgia General Contractor's License. Submit evidence of licensure with the bid. Bidders submitting bids in excess of \$2,000,000 must be prequalified with GDOT.
7. City of Roswell reserves the right to reject any unreasonable unit price bids which are considered out of the norm.
8. Contractor to adhere to special provisions 107.21, 108.08, 150.11, 615, 636 and 682.
9. The project work hours shall be in accordance with GDOT special provision 150.11 and in consideration of the City Noise Ordinance, from 7:00 AM to 7:00 PM.
10. City will obtain GDOT construction notice to proceed for this project. The Contractor shall arrange a date, time, and place for a Pre-Construction Conference. The Georgia Department of Transportation Area Engineer shall attend this conference. This conference shall occur prior to commencing the work.
11. Contractor is required to obtain a right-of-way encroachment permit from the City of Roswell's Transportation Department, utility coordinator John Wooten 770-594-6108 (direct) 6420 (main). The Contractor must apply for the permit, but the City will waive the fee. The permit shall be obtained prior to beginning any work the City of Roswell or the State right-of-way.
12. The project time of completion is five hundred forty eight (548) calendar days from the "Notice to Proceed" which is anticipated to be issued in May 2017.
13. There will be materials testing required for this project. Coordinate with GDOT and the City of Roswell Inspector. All testing must meet the requirements outlined in the GDOT Sampling, Testing, and Inspection Guide.
14. The project will be awarded on a unit cost basis, to the low responsive and responsible bidder.
15. The quantities shown are approximate quantities. Actual quantities used in the field are dictated by the field conditions. The contractor is to be paid the unit price for actual quantities used in the field. Monthly invoices to be submitted at end of the month for completed work during the previous month.
16. The unit prices will also apply to change orders, if justified.
17. State/Federal and Local funds are dedicated to this project.

18. The DBE goal for this project is 14%. Good faith efforts are required on the parts of all parties.
19. Contractor to remove temporary silt fence upon final stabilization.
20. Contractor shall test existing signal loop detectors and replace if necessary; contractor to re-establish traffic loop detection in a timely manner; minimize duration without traffic loop detection.
21. The selected contractor shall provide a detail traffic control plan. All traffic control devices shall meet the MUTCD, current edition. The traffic control plan shall be approved by the City of Roswell DOT prior to begin construction.
22. If the contractor damages any existing infrastructure during construction, he/she shall, at his/her own expense, repair or replace the damaged features in kind or as directed by the City of Roswell and/or the infrastructure owner.
23. Notify inspector 72 hours prior to begin construction.
24. Contractors shall use suppliers on the appropriate GDOT Qualified products List.
25. A Pre-Construction conference with City Staff, Awarded Contractor, GDOT Area Engineer, and GDOT Project manager will take place prior to the Notice to Proceed being issued.

SECTION 4: OFFEROR QUALIFICATIONS

4.1 City's Right to Investigate

The City may make such investigations as deemed necessary to determine the ability of the offeror to provide the supplies and/or perform the services specified.

4.2 Offeror Informational Requirements

In determining the capabilities of an offeror to perform the services specified herein, the following informational requirement(s) must be met by the offeror.

- 4.2.1 **References:** Offeror shall provide a list of the last **five (5)** clients/projects of the same general size and scope that proposed in this ITB. The City reserves the right to use any information or additional references deemed necessary to establish the ability of the offeror to perform the conditions of the contract. Note that the reputation of the Offeror regarding adequacy of their past skillful performance of work of this type and magnitude required herein, shall be considered when making the award of contract and lack thereof is grounds for bid rejection. **(See Exhibit A for Reference Form)**

SECTION 5: COST SUBMISSION

Offerors shall respond to this bid utilizing the Cost Bid form on Page 24 of this ITB and the Schedule of Items provided in separate attachment of the ITB Package. Award for this project will go to the lowest responsive responsible bidder.

SECTION 6: TERMS AND CONDITIONS

The City of Roswell's Terms and Conditions are set forth below. Offerors should notify the City of Roswell of any Terms and Conditions that either preclude them from responding to the ITB or add unnecessary cost. This notification must be made by the deadline for receipt of written/e-mailed questions or with the Offeror's ITB response. Any requests for material, substantive, important exceptions to the standard terms and conditions will be addressed by formal written addendum issued by the designated Buyer. The City of Roswell reserves the right to address any non-material, minor, insubstantial exceptions to the terms and conditions with the highest-scored Offeror at the time of contract negotiation.

6.1 Additional Contract Provisions and Terms

This ITB, including all ITB documents and any addenda, the Offeror's bid, including any amendments, any clarification question responses, and any negotiations shall be included as part of the contract upon award. In the event of a dispute as to the duties and responsibilities of the parties under the contract, the contract, along with any attachments prepared by the City of Roswell, will govern in the same order of precedence as listed in the contract.

The Contractor shall commence the work to be performed under this Contract Agreement on a date to be specified in a written Notice to Proceed and shall complete all work hereunder within five hundred forty eight (548) calendar days. Time is of the essence and is an essential element of this Contract, and the Contractor shall pay to the Owner, not as penalty, but as liquidated damages, the sum of \$300.00 for each calendar day that there is a default of completing the Work within the time limit named herein. These fixed liquidated damages are not established as a penalty but are agreed upon in advance by the owner and the contractor due to the uncertainty and impossibility of making a determination as to the actual and consequential damages incurred by the Owner and the general public of the City of Roswell, Georgia as a result of the failure on the part of the Contractor to complete the Work on time. Such liquidated damages referred to herein are intended to be and are cumulative and shall be in addition to every other remedy now or hereafter enforceable at law, in equity, by statute, or under Contract.

6.2 Performance Prior to Contract Execution

The successful Offeror shall not begin performance of the project prior to the execution of a formal written contract by the City of Roswell and the Offeror. Any Offeror beginning performance prior to the execution of the contract shall be deemed to be proceeding at the Offeror's risk, and shall not be entitled to any compensation for such performance. In addition, the City of Roswell reserves the right to withdraw or cancel the award of the ITB.

6.3 Contract Term

The contract term for this bid shall be for duration of the project until completion upon written approval of the City and successful Offeror.

6.4 Contract Termination

The City may terminate, by written notice to the Offeror, any resulting contract without cause. The City must give notice of termination to the Offeror at least **30 days** prior to the effective date of termination.

6.5 Subcontractors

The lowest responsive and responsible Offeror will be the prime contractor, if a contract is awarded, and shall be responsible, in total, for all work of any subcontractors. All subcontractors, if any, must be listed in the bid submission. The City of Roswell reserves the right to approve all subcontractors. The Contractor shall be responsible to the City of Roswell for the acts and omissions of all subcontractors or agents and of persons directly or indirectly employed by such subcontractors, and for the acts and omissions of persons employed directly by the Contractor. Further, nothing contained within this document or any contract documents created as a result of any contract award derived from this ITB shall create any contractual relationships between any subcontractor and the City of Roswell.

6.6 Bonding Requirements

Each bid must be accompanied with a BID BOND (bond only: certified checks or other forms are not acceptable) in an amount equal to five percent (5%) of the base bid, payable to the City of Roswell. Said bid bond guarantees the Offeror will enter into a contract to construct the project strictly within the terms and conditions stated in this bid and in the bidding and contract documents, should the construction contract be awarded.

The successful Offeror shall be required to furnish a bond for the faithful performance on the contract in amounts equal to one hundred percent (100%) of the contract price and a bond to secure payment of all claims for materials furnished and/or labor performed in performance of the project, in amounts equal to one hundred ten percent (110%) of the contract price.

Bonds shall be issued by a corporate surety appearing on the Treasury Department's most current list (Circular 570 as amended) and be authorized to do business in the State of Georgia.

Date of Bond must not be prior to date of Contract. If Contractor is a Partnership, all partners shall execute Bond.

6.7 General Insurance Requirements

The Offeror shall provide the City of Roswell with a certified copy of each of the policies or binders to the address listed under *Section 1.1* indicating the existence of the policies prior to the beginning of the contract term. In the event a binder is delivered, it shall be replaced within ten (10) days by a certified copy of the policy. Each policy shall contain a valid provision or endorsement that the policy may not be canceled without giving thirty (30) days written notice thereof to the City of Roswell representative named in the contract. A renewal policy or certificate shall be delivered to the City of Roswell at least thirty (30) days prior to the expiration date of each expiring policy. If at any time, any of the policies shall be or become unsatisfactory to the City of Roswell as to form or substance, or any of the carriers issuing such policies shall be or become unsatisfactory to the City of Roswell, the Offeror shall deliver to the City of Roswell representative upon demand a certified copy of any policy required herein for review. The Certificates of Insurance shall state that the City of Roswell is additionally insured.

- **Statutory Workers' Compensation Insurance:**

Employers Liability:

- Bodily Injury by Accident \$100,000 each accident
- Bodily Injury by Disease \$500,000 policy limit
- Bodily Injury by Disease \$100,000 each employee

▪ **Comprehensive General Liability Insurance:**

- (a) \$1,000,000 limit of liability per occurrence for bodily injury and property damage Owner's and Contractor's Protective
- (b) Products/Completed Operations Insurance
- (c) Broad Form Property Damage
- (d) Personal Injury Coverage

▪ **Comprehensive Automobile Liability Insurance:**

- (a) \$1,000,000 limit of liability
- (b) Comprehensive form covering all owned, non-owned and hired vehicles

▪ **Excess Umbrella Liability Insurance:**

- (a) \$1,000,000 limit of liability
- (b) Coverage at least as broad as primary coverage as outlined under Items 1, 2 and 3 above

6.8 Compliance with Workers' Compensation Act

The Contractor is required to supply the City of Roswell with proof of compliance with the Workers' Compensation Act while performing work for the City of Roswell. Neither the Contractor nor its employees are employees of the City of Roswell. Proof of compliance must be received at the address listed under *Section 1.1* within acceptable time limits established by the contract. If the Contractor does not meet the State's requirement for workers' compensation coverage, the certificate of insurance shall state that the contractor waives subrogation in regard to workers' compensation.

6.9 Compliance with Illegal Immigration Reform and Enforcement Act

E-Verify Program: The City of Roswell is committed to compliance with federal and state laws requiring the verification of newly hired employees to ensure they are lawfully entitled to work in the United States. As such, the City of Roswell shall not enter into a contract for the physical performance of services unless the contractor registers and participates in a federal work authorization program (E-Verify). An Offeror should include a fully executed E-Verify affidavit as part of its proposal (Exhibit D).

Requirement to Participate in a Federal Work Authorization Program (E-Verify):

- (1) Pursuant to O.C.G.A. § 13-10-91:
 - a. Public employers shall not enter into any contract for the physical performance of services within the State of Georgia unless the contractor registers and participates in a federal work authorization program to verify the employment eligibility of all newly hired employees;
 - b. Subcontractors shall not enter into any contract with a contractor for the physical performance of services within the State of Georgia unless such subcontractor registers and participates in a federal work authorization program to verify the employment eligibility of all newly hired employees; and

- c. Sub-subcontractors shall not enter into any contract with a subcontractor or sub-subcontractor for the physical performance of services within the State of Georgia unless such sub-subcontractor registers and participates in a federal work authorization program to verify the employment eligibility of all newly hired employees.
- (2) As of the date of enactment of O.C.G.A. § 13-10-91, the applicable federal work authorization program is “E-Verify” (<https://e-verify.uscis.gov/enroll/StartPage.aspx?JS=YES>) operated by the United States Citizenship and Immigration Services Bureau of the United States Department of Homeland Security. Information and instructions regarding E-Verify program registration, corporate administrator registration, and designated agent registration can be found at that website address.

Contractor, Subcontractor, and Sub-subcontractor Evidence of Compliance:

- (1) Public employers who enter into a contract for the physical performance of services within the State of Georgia shall include in such contract a provision stating that compliance with the requirements of O.C.G.A. § 13-10-91 are conditions of the contract.
- (2) Pursuant to O.C.G.A. §13-10-91, public employers shall include in all covered contracts a provision stating the contractor’s agreement that, in the event the contractor employs or contracts with a subcontractor in connection with the covered contract, the contractor will secure from such subcontractor attestation of the subcontractor’s compliance with O.C.G.A. 13-10-91 by the subcontractor’s execution of the subcontractor affidavit and maintain records of such attestation for inspection by the City of Roswell at any time. Such subcontractor affidavit shall become a part of the contractor/subcontractor agreement.
- (3) Pursuant to O.C.G.A. §13-10-91, public employers shall include in all covered contracts a provision stating the contractor’s agreement that, in the event the contractor employs or contracts with a subcontractor that employs or contracts with any sub-subcontractor, the subcontractor will secure from such sub-subcontractor attestation of the sub-subcontractor’s compliance with O.C.G.A. § 13-10-91 by the sub-subcontractor’s execution of the sub-subcontractor affidavit and maintain records of such attestation for inspection by the City of Roswell at any time. Such sub-subcontractor affidavit shall become a part of the subcontractor/sub-subcontractor agreement.
- (4) All portions of contracts pertaining to compliance with O.C.G.A. § 13-10-91 and these rules, and any affidavit related hereto, shall be open for public inspection in this State at reasonable times during normal business hours.

6.10 Compliance with Laws

The Offeror must, in performance of work under the contract, fully comply with all applicable federal, state, or local laws, rules and regulations, including, but not limited to, the Civil Rights Act of 1964, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and Section 504 of the Rehabilitation Act of 1973. Any subletting or subcontracting by the Offeror subjects subcontractors to the same provision. The Offeror agrees that the hiring of persons to perform the contract will be made on the basis of merit and qualifications and there will be no discrimination based upon race, color, religion, creed, political ideas, sex, age, marital status, physical or mental disability, or national origin by the persons performing the contract.

The City of Roswell in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d—42 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

6.11 Drug-Free Workplace

If Contractor is an individual, he or she hereby certifies that he or she will not engage in the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of this contract.

6.11.1 **Certification:** If Contractor is an entity other than an individual, it hereby certifies that:

- i. A drug-free workplace will be provided for the Contractor's employees during the performance of this contract; and
- ii. It will secure from any subcontractor hired to work in a drug-free workplace the following written certification: "As part of the subcontracting agreement with (Contractor's Name), (Subcontractor's Name), certifies to the Contractor that a drug-free workplace will be provided for the subcontractor's employees during the performance of this contract pursuant to paragraph 7 of subsection B of Code Section 50-24-3."

6.11.2 **Penalties:** Contractor may be suspended, terminated, or debarred if it is determined that:

- iii. The Contractor has made false certification hereinabove; or
- iv. The Contractor has violated such certification by failure to carry out the requirements of Official Code of Georgia Section 50-24-3.

6.12 Substitutions and Change Orders

NO substitutions of material, schedule cancellations, or change orders are permitted after contract award without written approval by the City Administrator. Where specific employees are proposed by the Offeror for the work, those employees shall perform the work as long as those employees work for the Contractor, either as employees or subcontractors, unless the City of Roswell agrees to a replacement. Requests for any substitution will be reviewed and may be approved by the City of Roswell at its sole discretion. Verbal agreements to the contrary will not be recognized.

6.13 Invoicing and Payment

The City of Roswell agrees to pay the Offeror in current funds for the performance of the contract subject to additions and deductions as provided in the General Conditions of the contract. Upon completion of work and acceptance of the items, the Offeror shall submit an invoice detailing the appropriate charges as currently allowed.

The City will process approved payment requests under this project to the awarded Contractor. Payment to subcontractors and suppliers is the responsibility of the awarded Contractor. The City will not entertain any other payment arrangements.

Invoices shall be submitted to:

Roswell Finance Department
Attn: Cash Disbursements
invoices@roswellgov.com
38 Hill Street
Roswell, GA 30075

Upon receipt of invoice and inspection and acceptance of the items, the City of Roswell will render payment. All such invoices will be paid within thirty (30) days by the City of Roswell unless any items thereon are questioned, in which event payment will be withheld pending verification of the amount claimed and the validity of the claim. The Offeror will provide complete cooperation during any such investigation.

Successful Offeror(s) must provide the City with a completed and signed W-9

6.14 Taxes

No sales tax will be charged on any orders.

6.15 Deliveries

In the event there are to be deliveries on site, all goods and materials will be F.O.B. Destination, Freight Prepaid and Allowed. The onsite delivery address is:

City of Roswell
38 Hill Street
Roswell Georgia 30075

No freight or postage charges will be paid by the City of Roswell unless such charges are included and accepted in the bid price and awarded by contract. The Offeror, at Offeror's expense, will arrange to have someone onsite to inspect and accept delivery. The Offeror has sole responsibility for securing all materials at the project site. Offeror shall transfer and deliver to the department named all of the goods and/or services described in this bid for the consideration set forth herein. Risk of loss of the goods shall pass to the department upon acceptance only. Title to the goods shall remain with vendor until acceptance by the department.

Appendix A – Standard Forms

This section contains the forms necessary to ensure compliance with various laws as described within this ITB.

Please complete, sign, and return each of the following forms with the bid submittal:

- Cost Bid Form
- Bid Schedule (Separate Attachment)
- Bid Bond
- References
- List of Subcontractors
- Corporate Certificate
- Local Vendor Preference
- Affidavit Verifying Contractor Participation in Federal Work Authorization Program (E- Verify)
- GDOT Standard Federal Aid Contract Package for Locally Let Projects (Separate Attachment)

COST BID FORM

TO: BUYER OF RECORD
CITY OF ROSWELL
ROSWELL, GEORGIA 30075

To Whom It May Concern:

In compliance with your Invitation To Bid, the undersigned, hereinafter termed the Bidder, proposes to enter into a Contract with the City of Roswell, Georgia, to provide the necessary machinery, tools, apparatus, other means of construction, and all materials and labor specified in the Contract Documents or as necessary to complete the Work in the manner therein specified within the time specified, as therein set forth, for:

Hardscrabble Green Loop Multi-Use Trail

The Bidder has carefully examined and fully understands the Contract, Specifications, and other documents hereto attached, has made a personal examination of the Site of the proposed Work, has satisfied himself as to the actual conditions and requirements of the Work, and hereby proposes and agrees that if his bid is accepted, he will contract with the City of Roswell in full conformance with the Contract Documents.

Unless otherwise directed, all work performed shall be in accordance with the Georgia Department of Transportation *Standard Specifications, Construction of Transportation Systems* (current edition). All materials used in the process of completion of the work included in the Contract will be furnished from Georgia Department of Transportation certified suppliers only.

It is the intent of this Bid to include all items of construction and all Work indicated called for in the Specifications, or otherwise a part of the Contract Documents.

In accordance with the foregoing, the undersigned proposes to furnish and construct the items listed in the attached Bid schedule for the unit prices stated.

The Bidder agrees that the cost of any work performed, materials furnished, services provided or expenses incurred, which are not specifically delineated in the Contract Documents but which are incidental to the scope, intent, and completion of the Contract, shall be deemed to have been included in the prices bid for the various items scheduled.

The Bidder further proposes and agrees hereby to promptly commence the Work with adequate forces and equipment within ten (10) calendar days from receipt of Notice to Proceed and to complete all Work within 548 calendar days thereafter.

Attached hereto is an executed Bid Bond in the amount of _____ Dollars (\$ (Five Percent of Base Bid)).

If this bid shall be accepted by the City of Roswell and the undersigned shall fail to execute a satisfactory contract in the form of said proposed Contract, and give satisfactory Performance and Payment Bonds, or

furnish satisfactory proof of carriage of the insurance required within ten (10) days from the date of Notice of Award of the Contract, then the City of Roswell may, at its option, determine that the undersigned abandoned the Contract and there upon this bid shall be null and void, and the sum stipulated in the attached Bid Bond shall be forfeited to the City of Roswell as liquidated damages.

Bidder agrees that the provisions of the City of Roswell Vendor Manual are incorporated herein by reference and made a part hereof just as if it had been fully set out herein. Provided, however, that in the event of a conflict between the terms and conditions contained therein and the terms and conditions of this Contract, the latter shall govern.

Bidder agrees that from the date this Invitation to Bid is issued until an award is made, bidders **are not allowed to communicate with any staff or elected officials of the City regarding this procurement**. Any unauthorized contact may disqualify the bidder from further consideration. Contact information for the single point of contact is as follows:

Buyer: Charise Glass
Address: 38 Hill Street
Roswell, GA 30076
Telephone Number: 770-641-3718
E-mail Address: purchasing@roswellgov.com

**Bidder has carefully examined the Bidding Documents entitled: Hardscrabble Green Loop Project;
Bid Number: 17-165-C;
Bid Due Date: June 14, 2017;
Acknowledges receipt of the following addenda numbers and dates, if any:**

_____;

And has examined the premises and conditions affecting the Work, the undersigned proposes to furnish all services, labor and materials called for by them for the Base Bid Work in accordance with said documents, for the sum of:

_____ DOLLARS (Words)

(\$ _____) (Numbers)

Bidder further declares that the full name and resident address of Bidder's Principal is as follows:

Signed, sealed, and dated this _____ day of _____

Bidder _____ (Seal)
Company Name

Bidder Mailing Address: _____

By: _____

Title: _____

Phone: _____

E-Mail: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, THAT _____ (Name
of Contractor) _____ (Address of
Contractor) a _____
(Corporation, Partnership and or Individual) hereinafter called Principal, and _____

(Name of Surety)

(Address of Surety)

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

City of Roswell Georgia

(Name of Obligee)

38 Hill Street Suite 235, Roswell Georgia 30075

(Address of Obligee)

herein after referred to as Obligee, in the penal sum of _____ Dollars (\$ _____) 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 Roswell, Georgia, a proposal for furnishing materials, labor, and equipment for:

Hardscrabble Green Loop Multi-Use Trail

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 ten 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 Roswell, Georgia, and execute a sufficient and satisfactory Performance Bond and Payment Bond payable to the City of Roswell, Georgia, each in an amount of 100% of the total Contract Price, in form and with security satisfactory to said the City of Roswell, 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 Roswell, 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.

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 _____ day of _____ A.D., 20____

ATTEST:

(Principal Secretary)

(Principal)

(SEAL)

BY: _____

(Witness to Principal)

(Address)

(Address)

(Surety)

ATTEST

BY: _____
(Attorney-in-Fact) and Resident Agent

(Attorney-in-Fact)

(Seal) _____

(Address) _____

(Witness as to Surety)

(Address)

NOTE: Date of Bond must not be prior to date of Contract. If Contractor is a Partnership, all partners should execute Bond.

REFERENCES

REFERENCES: Please provide the City with the last five (5) clients of similar size and scope. You may submit your standard list of references as opposed to using this form, but you still need to complete and sign at the bottom.

REFERENCE # 1

Name of Entity/Firm: _____

Mailing Address: _____

City/State/Zip Code: _____

Contact Person Name: _____

Contact Person Telephone Number: _____

Date When Work Performed: _____

Description of Work Performed: _____

REFERENCE # 2

Name of Entity/Firm: _____

Mailing Address: _____

City/State/Zip Code: _____

Contact Person Name: _____

Contact Person Telephone Number: _____

Date When Work Performed: _____

Description of Work Performed: _____

REFERENCE # 3

Name of Entity/Firm: _____

Mailing Address: _____

City/State/Zip Code: _____

Contact Person Name: _____

Contact Person Telephone Number: _____

Date When Work Performed: _____

Description of Work Performed: _____

REFERENCE # 4

Name of Entity/Firm: _____

Mailing Address: _____

City/State/Zip Code: _____

Contact Person Name: _____

Contact Person Telephone Number: _____

Date When Work Performed: _____

Description of Work Performed: _____

REFERENCE # 5

Name of Entity/Firm: _____

Mailing Address: _____

City/State/Zip Code: _____

Contact Person Name: _____

Contact Person Telephone Number: _____

Date When Work Performed: _____

Description of Work Performed: _____

By signing below, I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I understand that 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 this bid, and certify that I am authorized to sign this bid for the bidder. I further certify that the provisions of the Official Code of Georgia Annotated and the Code of Ordinances of the City of Roswell have not and will not be violated in any respect.

Name of Company: _____

Contact Name: _____

Phone Number: _____ Fax: _____

Email: _____

Signature: _____

CORPORATE CERTIFICATE

I, _____, certify that I am the Secretary of the Corporation named as Contractor on the foregoing bid; that _____ who signed said bid in behalf of the Contractor, was then (title) _____ of said Corporation; that said bid was duly signed for and on 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 _____.

This _____ day of _____, 20_____

_____(Seal)
(Signature)

AFFIDAVIT VERIFYING CONTRACTOR PARTICIPATION IN FEDERAL WORK AUTHORIZATION PROGRAM

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 engaged in the physical performance of services on behalf of the **City of Roswell (GA)** has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b).

Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization (E-Verify) User Identification Number

Date of Authorization

Name of Contractor

Name of Project

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, _____, 201__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE ____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires:

Appendix B – Sample Contract

CONTRACT AGREEMENT

This Contract for the Eves Road Complete Street Project (the “Project”) is made as of the ____ day of _____ 2016 (the “Execution Date”) by and between _____, (“Contractor”) and The **City of Roswell** (“City”). Contractor and City may be referred to individually as a “Party” or collectively as the “Parties”.

CONTRACT:

NOW, THEREFORE, for and in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. The CONTRACTOR shall furnish all material, labor, equipment, and tools necessary for the Project located in Roswell, GA, as well as all work incidental and pertinent thereto all in accordance with the Contract (hereinafter designated the “CONTRACT”); **ITB 17-123-C Hardscrabble Green Loop Multi-Use Trail** (hereinafter designated the “Proposal”), a copy of which is attached hereto as Exhibit A and incorporated herein; and the **CONTRACTOR’S Response to ITB 17-123-C Hardscrabble Green Loop Multi-Use Trail** (Exhibit B) (hereinafter designated the “Response”). In the event of any conflict, ambiguity, or inconsistency between the terms contained in this CONTRACT and the Exhibits, the terms set forth in this CONTRACT shall govern and control.
2. The term of the CONTRACT shall begin on the Effective Date first written above, and shall be for the duration of the project, unless sooner terminated as permitted herein, or unless extended by agreement of the parties set forth in writing. The CONTRACTOR is required to submit to the City a Certificate of Insurance prior to commencing work. In addition, the work shall be scheduled as agreed upon by the parties. Work shall commence with adequate force and equipment within ten (10) days from the Notice to Proceed from the City and shall be completed within one hundred twenty (120) calendar days thereafter.

3. Pricing

The City shall pay the CONTRACTOR for the CONTRACTOR’S performance in accordance with the amounts established in CONTRACTOR’S Completed Cost Bid Form or the amount finally awarded by City (\$_____). The City shall pay the Contractor in accordance with the prices stipulated in the Bid Schedule based upon verified quantities. No price adjustments shall be made during the term or any extension of this Contract except upon mutual consent of the parties.. The contractor shall invoice the City on a monthly basis for actual quantities completed.

4. Termination

(a) *Termination by City:* City may at its sole option terminate this CONTRACT by giving the CONTRACTOR thirty (30) days written notice. Should the CONTRACTOR fail to fulfill in a timely and proper manner its obligations under this CONTRACT or if it should violate any of the terms of this CONTRACT, the City shall have the right to immediately terminate the CONTRACT. Such termination shall not relieve CONTRACTOR of any liability to the City for damages sustained by virtue of any breach by CONTRACTOR. A reasonable period of time to cure a CONTRACTOR breach of CONTRACT can be negotiated with the CONTRACTOR selected.

(b) *Termination by CONTRACTOR.* If at any time or from time to time during the Term, any of the following events shall occur and not be remedied within the applicable period of time herein specified, namely:

(i) City shall materially fail to keep, observe or perform any covenant, agreement, term or provision of this CONTRACT to be kept, observed or performed by City, and such default shall continue for a period of sixty (60) days after written notice thereof by CONTRACTOR to City, which shall specify such failure with particularity.

(c) *Continuing Obligations.* If this CONTRACT is terminated pursuant to this Section 4, the Parties shall account for and pay to the other all sums due and owing pursuant to the terms of this CONTRACT within thirty (30) days after the effective date of termination.

(d) *Force Majeure.* Neither Party shall be liable for any loss, damage, delay or nonperformance of any Services as a result of causes not reasonably within the control of such Party including, but not limited to, acts of God, terrorism, war, riot, insurrection, civil violence or disobedience, blockages, embargoes, sabotage, epidemics, fire, strikes, lock-outs or other industrial or labor disturbances, lighting, hurricanes, cyclonic storms, and explosions; provided, however, that the affected Party notifies the other Party promptly of the occurrence of the cause and thereafter exerts commercially reasonable efforts to overcome the cause of the prevention or hindrance if such cause is within the Party's reasonable control, and to resume performance.

5. Representations and Warranties

(a) *Representations by CONTRACTOR.* CONTRACTOR hereby represents and warrants to City that:

(i) CONTRACTOR is a not for profit company duly organized, validly existing and in good standing under the laws of the State of Georgia, is duly qualified to conduct business in the State of Georgia and has the requisite power and authority to enter into this CONTRACT and perform its obligations hereunder.

(ii) CONTRACTOR has all requisite power and authority to enter into and perform this CONTRACT and to perform each of its obligations under this CONTRACT. This CONTRACT and the transactions contemplated by this CONTRACT have been duly and validly authorized by all necessary action on the part of CONTRACTOR.

(iii) This CONTRACT has been duly executed and delivered by CONTRACTOR and constitutes the legal, valid and binding obligation of CONTRACTOR, enforceable against CONTRACTOR in accordance with its terms, except to the extent that its enforceability may be limited by bankruptcy, insolvency and other applicable laws affecting creditors' rights generally.

(iv) The execution and delivery of this CONTRACT by CONTRACTOR does not, and the consummation of the transactions contemplated herein will not (i) result in the breach of any of the terms and conditions of, or constitute a default with respect to or result in the acceleration of any indebtedness or create liability under any material contract, agreement, commitment, indenture, mortgage, note, bond, lease, license or other instrument or obligation to which CONTRACTOR is now a party or by which CONTRACTOR may be bound or affected; or (ii) violate any law or any rule or regulation of any administrative agency or governmental body, or any order, writ, injunction or decree of any court, administrative agency or governmental body. The execution and delivery of this CONTRACT, do not, and will not constitute a material default under any organization or governing agreement relating to CONTRACTOR.

(b) *Representations by City.* City hereby represents and warrants to CONTRACTOR as follows:

(i) City is duly organized, validly existing and in good standing under the laws of the State of Georgia, is duly qualified to conduct business in the State of Georgia and has the requisite power and authority to enter into this CONTRACT and perform its obligations hereunder.

(ii) City has all requisite power and authority to enter into and perform this CONTRACT and to perform each of its obligations under this CONTRACT. This CONTRACT and the transactions contemplated by this CONTRACT have been duly and validly authorized by all necessary action on the part of City.

(iii) This CONTRACT has been duly executed and delivered by City and constitutes the legal, valid and binding obligation of City, enforceable against City in accordance with its terms, except to the extent that its enforceability may be limited by bankruptcy, insolvency and other applicable laws affecting creditors' rights generally.

(iv) The execution and delivery of this CONTRACT by City does not, and the consummation of the transactions contemplated herein will not (i) result in the breach of any of the terms and conditions of, or constitute a default with respect to or result in the acceleration of any indebtedness or create liability under any material contract, agreement, commitment, indenture, mortgage, note, bond, lease, license or other instrument or obligation to which City is now a party or by which City may be bound or affected; or (ii) violate any law or any rule or regulation of any administrative agency or governmental body, or any order, writ, injunction or decree of any court, administrative agency or governmental body. The execution and delivery of this CONTRACT, do not, and will not constitute a material default under any organization or governing agreement relating to City

(c) *Disclaimer of Warranties.* Other than as specifically set forth herein, neither of the Parties makes any representations, warranties or guarantees, express or implied, directly or indirectly, including, but not limited to, any warrant of merchantability or fitness for a particularly purpose.

6. Indemnification

CONTRACTOR hereby agrees to hold harmless and indemnify City, and its employees, agents, representatives, successors and assigns from and against any and all losses, liabilities, damages, demands, claims, suits, actions, causes of action, judgments, assessments, costs and expenses, including, without limitation, interest, penalties, reasonable attorneys' fees, any and all expenses incurred in investigating, preparing or defending against any litigation, commenced or threatened, or any claim whatsoever, and any and all amounts paid in settlement of any claim or litigation (collectively, "Damages"), asserted against, resulting to, imposed upon, or incurred or suffered by of them, directly or indirectly, as a result of, arising from, or relating directly or indirectly to: (i) any inaccuracy in or any breach or nonfulfillment of any of the representations or warranties made by CONTRACTOR in this Agreement; (ii) any breach or nonfulfillment of any of the covenants or agreements made by CONTRACTOR in this CONTRACT; or (iii) any violations of law by CONTRACTOR in performing its obligations under this CONTRACT.

7. Insurance

The CONTRACTOR, at all times that this CONTRACT is in force, agrees to provide, as a minimum, worker's compensation, commercial general liability, and automobile liability insurance coverage in accordance with the Insurance Requirements provided in Section 6.7 of ITB 14-233-C.

8. Compliance with All Laws and Licenses

The Contractor must obtain all necessary licenses and comply with local, state and federal requirements. The Contractor shall comply with all laws, rules and regulations of any governmental entity pertaining to its performance under this CONTRACT.

9. Assignment

The Contractor shall not assign or subcontract the whole or any part of this CONTRACT without the City of Roswell's prior written consent.

10. Amendments in Writing

No amendments to this CONTRACT shall be effective unless it is in writing and signed by duly authorized representatives of the parties.

11. Policy on Hiring of Non-Resident Aliens

The final award of a contract is contingent upon compliance with O.C.G.A. 13-10-91 and Chapter 300-10-1 of the Rules of the Georgia Department of Labor, and the Contractor certifying to the City that it, and all its subcontractors, has registered and currently participates in the federal work authorization program to verify information of all new employees with respect to all public employers, contractors, or subcontractors. Contractor may be suspended, terminated, or debarred if it is determined that the Contractor has made false certification or that the Contractor has violated such certification by failure to carry out this requirement.

12. Inclusion of Documents, Exhibits

ITB 17-111-C and the Contractor's proposal submitted in response thereto, including any best and final offer, are incorporated in this CONTRACT; form an integral part of this CONTRACT; and, are attached hereto as Exhibits A and B.

In the event of a conflict in language between this CONTRACT and the foregoing documents incorporated herein, the provisions and requirements set forth in this CONTRACT shall govern. In the event of a conflict between the language of the Contractor's proposal, the language in the former shall govern.

13. General Provisions

(a) *Governing Law/Jurisdiction.* This CONTRACT is entered into in the State of Georgia and shall be construed in accordance with the laws of the State of Georgia, without regard to its choice of law provisions. The Parties further irrevocably consent and agree that the Superior Court of Fulton County, Georgia shall be the exclusive jurisdiction for any action or dispute arising out of this CONTRACT and the Parties hereby consent to venue in said court.

(b) *Severability.* If any provision of this CONTRACT is held invalid or unenforceable by any court of competent jurisdiction, the other provisions of this CONTRACT will remain in full force and effect. Any provision of this CONTRACT held invalid or unenforceable only in part or degree will remain in full force and effect to the extent not held invalid or unenforceable.

(c) *Waiver.* Neither the failure nor any delay by any Party in exercising any right, power, or privilege under this CONTRACT will operate as a waiver of such right, power, or privilege, and no single or partial exercise of any

such right, power, or privilege will preclude any other or further exercise of such right, power, or privilege or the exercise of any other right, power, or privilege.

(d) *Survival.* Except to the extent provided to the contrary in this CONTRACT, no termination of this CONTRACT shall in any way effect or impair the power, obligation, duties, rights and liabilities of the Parties relating to (i) any transaction or event occurring prior to such termination or (ii) any of the undertakings, CONTRACTs, covenants, warranties and representations of the parties with respect to (i) or (ii) above. All such undertakings, agreements, covenants, warranties and representations shall survive such termination or cancellation of this CONTRACT, including return of unearned cancellation obligations owed by the Parties.

(e) *Successors and Assigns.* This CONTRACT shall not be assigned without express written consent of the other party. This CONTRACT shall be binding not only on the Parties, but also on their heirs, representatives, administrators, executors, successors and, if approved, assigns, and the parties agree for themselves, and their heirs, administrators, executors, successors and assigns, to execute any and all documents which may be necessary or proper to carry out or effectuate the purpose and intent of this CONTRACT.

(f) *Independent CONTRACTOR.* Nothing herein shall be construed to create a partnership or joint venture between the Parties hereto and neither Party shall be liable in any manner for the debts, obligations or liabilities of the other Party.

(g) *Third-Party Beneficiaries.* Except as specifically provided herein, this CONTRACT shall not create or be construed to create in any manner whatsoever, any rights in any person as a third party beneficiary of this CONTRACT or otherwise.

(h) *Further Assurances.* Each Party agrees to do all acts and things and to make, execute and deliver such written instruments as may from time to time be reasonably required to carry out the terms and provisions of this CONTRACT.

(i) *Counterparts.* This CONTRACT may be executed in one or more counterparts, each of which will be deemed an original copy, but all of which together constitute one and the same instrument.

(j) *Rules of Construction.* All references herein to the singular shall include the plural, and vice versa, and all references herein to the neuter shall include the masculine or feminine, as the case may be, and vice versa. When general words or terms are used herein followed by the word "including" (or another form of the word "include") and words of particular and specific meaning, the general words shall be construed in their widest extent, and shall not be limited to persons or things of the same general kind or class as those specifically mentioned in the words of particular and specific meaning. No provision of this CONTRACT shall be construed against or interpreted to the disadvantage of a party by reason of such Party having or being deemed to have drafted, structured or dictated such provisions.

(k) *Entire CONTRACT.* This CONTRACT, together with all attachments and exhibits thereto, constitutes the entire agreement between the Parties. The CONTRACT supersedes all prior discussions and agreements between the Parties with respect to the subject matter contained herein, and this CONTRACT contains the sole and entire understanding between the Parties with respect to the transaction contemplated hereby. This CONTRACT may not be modified or amended except by an instrument in writing signed by or on behalf of the Parties.

IN WITNESS WHEREOF, the parties hereto have caused this CONTRACT to be duly executed by their duly authorized officers as of the day and year set forth next to each signature.

CONTRACTOR:

CITY:

BY: _____

BY: _____

NAME: _____

NAME: _____

TITLE: _____

TITLE: _____

ATTEST: _____

ATTEST: _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: THAT _____

(Name of Contractor)

(Address of Contractor)

a _____
(Corporation, Partnership or Individual)

Hereinafter called Principal, and

(Name of Surety)

(Address of Surety)

a Corporation of the State of _____ and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto

The City of Roswell, Georgia
(Name of Obligee)

38 Hill Street Suite 235, Roswell Georgia 30075
(Address of Obligee)

hereinafter referred to as Obligee; are held firmly bound unto said Obligee and all persons doing work or furnishing skill, tools, machinery, supplies, or material under or for the purpose of the Contract hereinafter referred to, in the penal sum of:

_____ Dollars (\$ _____) 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.

The condition of this obligation is such, as whereas the Principal entered into a certain contract, hereto attached, with the Obligee, dated: _____

NOW THEREFORE, the conditions of this obligation are such that if the above bound Principal shall well, truly, fully and faithfully perform said contract according to its terms, covenants, conditions, and agreements of said contract during the original term of said contract and any extensions thereof that may be granted by the obligee, with or without notice to the Surety, and during the life of any guaranty required under the contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreement of any and all duly authorized modifications of said contract that may hereafter be made, then his obligation shall be void, otherwise to remain in full force and effect.

PROVIDED FURTHER, that said Surety to this Bond, for value received, hereby stipulates and agrees that no change, extension of time, alterations, or additions to the terms of the Contract or to the Work to be performed thereunder shall in any way affect its obligation on this bond, and it does hereby waive notice of

any such change, extension of time, alterations, or additions to the terms of the Contract or to the work to be performed thereunder.

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. eq. and SS 36-86-101, et. seg., and is intended to be and shall be construed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____ A.D., 20____

ATTEST:

(Principal Secretary)

(Principal)

(SEAL)

BY: _____

(Witness to Principal)

(Address)

(Address)

(Surety)

ATTEST

BY: _____
(Attorney-in-Fact) and Resident Agent

(Attorney-in-Fact)
(Seal)

(Address)

(Witness as to Surety)

(Address)

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: THAT _____

(Name of Contractor)

(Address of Contractor)

a _____
(Corporation, Partnership or Individual)

hereinafter called Principal, and

(Name of Surety)

(Address of Surety)

a Corporation of the State of _____ and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto

The City of Roswell Georgia
(Name of Obligee)

38 Hill Street Suite 235, Roswell Georgia 30075
(Address of Obligee)

hereinafter referred to as Obligee; for the use and protection of all subcontractors and all persons supplying labor, services, skill, tools, machinery, materials and/or equipment in the prosecution of the work provided for in the contract herein after referred to in the full and just sum of _____ Dollars (\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, the Principal and Surety bind themselves, their, and each of their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is such, as whereas the Principal entered into a certain contract. hereto attached, with the Obligee, dated _____ for _____.

NOW, THEREFORE, the conditions of this obligation are such that if the Principal shall well, truly, and faithfully perform said Contract in accordance to its terms, covenants, and conditions, and shall promptly pay all persons furnishing labor, materials, services, skill, tools, machinery and/or equipment for use in the performance of said Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect.

All persons who have furnished labor, materials, services, skill, tools, machinery and/or equipment for use in the performance of said Contract shall have a direct right of action on this Bond, provided payment has not

been made in full within ninety (90) days after the last day on which labor was performed, materials, services, skill, tools, machinery, and equipment furnished or the subcontract completed.

PROVIDED FURTHER, that said Surety to this Bond, for value received, hereby stipulates and agrees that no change, extension of time, alterations, or additions to the terms of the Contract or to the Work to be performed thereunder shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alterations, or additions to the terms of the Contract or to the work to be performed thereunder.

PROVIDED, HOWEVER, that no suit or action shall be commenced hereunder by any person furnishing labor, materials, services, skill, tools, machinery, and/or equipment having a direct contractual relationship with a subcontractor, but no contractual relationship express or implied with the Principal:

Unless such person shall have given notice to the Principal within Ninety (90) days after such person did, or performed the last of the work or labor, or furnished the last of the materials, services, skill, tools, machinery and/or equipment for which claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials, services, skill, tools, machinery and/or equipment were furnished, or for whom the work or labor was done or performed. Such a notice shall be served by mailing the same by registered mail, postage prepaid, in an envelope addressed to the Principal, at any place where an office is regularly maintained for the transaction of business, or served in any manner in which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer, and a copy of such notice shall be delivered to the Obligee, to the person and at the address provided for in the Contract, within five (5) days of the mailing of the notice to the Principal.

PROVIDED, FURTHER, that any suit under this bond must be instituted before the expiration of one (1) year after the acceptance of the public works covered by the Contract by the proper authorities.

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. eq. and SS 36-86-101, et. seg., and is intended to be and shall be construed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____ A.D., 20____

ATTEST:

(Principal Secretary)

(Principal)

(SEAL)

BY: _____

(Witness to Principal)

(Address)

(Address)

(Surety)

ATTEST

BY: _____
(Attorney-in-Fact) and Resident Agent

(Attorney-in-Fact)
(Seal)

(Address)

(Witness as to Surety)

(Address)

Appendix C – Definitions and General Conditions

DEFINITIONS

RTD: Roswell Transportation Department

GDOT: Georgia Department of Transportation

ENGINEER: The Roswell Director of Transportation, or a duly authorized representative

ADA: Americans with Disabilities Act

AC: Acre

CY: Cubic Yard

EA: Each

GAL: Gallon

GLF: Gross Lineal Foot

LB: Pound

LF: Lineal Feet

LS: Lump Sum

MO: Month

SY: Square Yard

TN: Ton

MUTCD: *Manual on Uniform Traffic Control Devices*

OSHA: Occupational Safety and Health Administration

FHWA: Federal Highway Administration

AASHTO: American Association of State Highway and Transportation Officials

CONTRACT DOCUMENTS: Contract Agreement, General Conditions, General Notes, Bidding Documents and Attachments

GENERAL CONDITIONS

Unless otherwise directed, all work performed under this contract shall be in accordance with the Georgia Department of Transportation *Standard Specifications, Construction of Transportation Systems* (current edition), and Special Provisions modifying them, except as noted below.

SECTION 101- DEFINITION AND TERMS

Section 101.14 - COMMISSIONER

Delete as written and substitute the following:

DIRECTOR OF TRANSPORTATION, CITY OF ROSWELL

Section 101.22 - DEPARTMENT

Delete as written and substitute the following:

TRANSPORTATION DEPARTMENT CITY OF ROSWELL

Section 101.24 - ENGINEER

Delete as written and substitute the following:

DIRECTOR OF TRANSPORTATION, CITY OF ROSWELL, ACTING DIRECTLY OR THROUGH A DULY AUTHORIZED REPRESENTATIVE OF THE DIRECTOR

Section 101.84 – COUNTY

Add: DIRECTOR OF TRANSPORTATION, CITY OF ROSWELL

SECTION 102- BIDDING REQUIREMENTS AND CONDITIONS

Section 102.05 - EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF THE WORK

Add the following paragraph: "The City will not be responsible for Bidders' errors or misjudgment, nor for any information on local conditions or general laws and regulations."

Section 102.07 - REJECTION OF PROPOSALS

Add the following subparagraphs: "I. The City reserves the right to reject any and all bids, to waive technicalities, and to make an award as deemed in its best interest. It is understood that all bids are made subject to this Agreement, that the City reserves the right to award the bid to the lowest, responsible Bidder, and in arriving at this decision, full consideration will be given to the reputation of the Bidder, his financial responsibility, and work of this type successfully completed

"J. The City also reserves the right to reject any and all bids from any person, firm, or corporation who is in arrears in any debt or obligation to The City of Roswell, Georgia."

Section 102.08 - PROPOSAL GUARANTY

Substitute the following for the first sentence: "No bid will be considered unless it is accompanied by an acceptable bid bond an amount not less than five percent (5%) of the amount bid and made payable to City of Roswell, Georgia. Such Bid Bond shall be on the forms provided by the City."

Add Section 102.15 - ADDENDA AND INTERPRETATION

Delete in its entirety and substitute the following pertaining to **Bid Submittal**:

"Bids must be submitted with one (1) paper original and one(1) digital copy on disk or drive in a sealed envelope of sufficient size with the following clearly typed or printed on the outside:

- Purchasing Division, City of Roswell
- Bid for Construction
- Bid Number
- Date and Hour of Bid Opening
- Company Name
- License # (if appropriate)

Bid shall be submitted on the Bid Form provided by the City.

Section 102.09 - DELIVERY OF PROPOSALS:

Add the following as 102.15: "No interpretation of the meaning of the Contract Documents will be made orally to any Bidder. Any request for such interpretation should be in writing addressed to the Purchasing Department, The City of Roswell 38 Hill Street, Georgia 30075. TEL. 770/641-3718, FAX 770/594-6434. EMAIL purchasing@roswellgov.com. Each such interpretation shall be given in writing, separately numbered and dated, and furnished to each interested Bidder. Any request not received in time to accomplish such interpretation and distribution will not be accepted."

SECTION 103 - AWARD OF AWARD AND EXECUTION OF CONTRACT

Section 103.02 - AWARD OF CONTRACT

Delete in its entirety and substitute the following:

"The contract, if awarded, shall be awarded to the lowest responsible bidder. The City of Roswell reserves the right to exercise exclusive discretion as to the responsibility of any bidder.

The contract shall be executed on the forms attached, will be subject to all requirements of the Contract Document, and shall form a binding Contract between the contracting parties."

Section 103.05 - REQUIREMENTS OF CONTRACT BONDS

Delete in its entirety and substitute the following:

"At the time of the execution of the contract, and as a part thereof, the successful bidder shall furnish Contract Bond Below:

Performance Bond in the full amount of the contract.
Payment Bond in the full amount of the contract."

Section 103.07 - FAILURE TO EXECUTE CONTRACT

Delete in its entirety and substitute the following:

"Failure to execute the Contract Performance and Payment Bond, or furnish satisfactory proof of carriage of the insurance required within ten days after the date of Notice of Award of the Contract, may be just cause for the annulment of the award and for the forfeiture of the proposal guaranty to the City of Roswell, not as a penalty, but as liquidation of damages sustained. At the discretion of the City, the award may then be made to the next lowest responsible bidder, be re-advertised or constructed by City forces. The Contract and Contract bonds shall be executed in quadruplicate."

SECTION 107 - LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

Section 107.18 - ACQUISITION OF RIGHT OF WAY

Add the following paragraph: "The Contractor shall inspect all easements and rights-of-way to ensure that the City has obtained all land and rights-of-way necessary for completion of the Work to be performed pursuant to the Contract Documents. The Contractor shall comply with all stipulations contained in easements acquired by the Department."

Section 107.21 - CONTRACTORS RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICE

Add the following sentence to Paragraph A: "The Contractor is responsible for the location of above and below ground Utilities and structures which may be affected by the Work."

SECTION 109 - MEASUREMENT AND PAYMENT

Section 109.07 PARTIAL PAYMENTS

Delete the first sentence of the second Paragraph under A. General

- a) As long as the gross value of completed work is less than fifty percent (50%) of the total Contract amount , the City shall retain ten percent (10%) of the gross value of the work that has been completed as indicated by the current estimate certified by the Engineer for payment. For work greater than 50% of the 50% of the contract amount the City shall retain five percent (5%) of the gross value of the work that has been completed as indicated by the current estimate certified by the Engineer for payment.
- b) Invoices must be submitted to City of Roswell Cash Disbursements 38 Hill Street Suite 130, Roswell, GA 30075 for payment.

Section 109.08 - FINAL PAYMENT

Delete in its entirety and substitute:

"Final Payment: Upon completion of the work by the Contractor, including the receipt of all required submittals and documents in final form, and written approval and acceptance thereof by the CITY, the Contractor shall submit a request for final payment. The Contractor shall submit the request for final payment within thirty (30) days of receipt of written approval of the work from the CITY.

The request for final payment amount shall be equal to one hundred percent (100%) of the actual work completed set forth in the Agreement plus all approved Amendments, less the total of all previous partial payments, paid or in the process of payment. The Contractor agrees that acceptance of this final payment shall be in full and final settlement of all claims arising against the CITY for work done, actual materials furnished, costs incurred, or otherwise arising out of this Agreement and shall release the CITY from any and all further claims of whatever nature, whether known or unknown for and on account of said Agreement, and for any and all work done, and labor and materials furnished, in connection with same. "

Section 150 - Traffic Control

ADD to section 150: "The Contractor to conform to *MUTCD* and the State of Georgia Department of Transportation for traffic control. The contractor shall submit a proposed Traffic Control Plan, for approval, to the RTD, before starting any work. Full permanent advanced warning signs (with lights as needed or as ordered by the Engineer) are required per Georgia Standard 9106 and 9107. All construction signs and devices will be in like new condition and meet the latest GDOT requirements. Warning lights and flags will be used if required by the Engineer. All Flaggers must be GDOT Certified. Traffic control will include flagging and covering areas along the site area that may present safety issues with pedestrians. The Contractor must maintain a safe work zone for their employees, pedestrians, and vehicular transportation (including any temporary striping needed). Any use of commercial parking areas must be coordinated between the Contractor and the property owner, prior to construction. Access to existing streets and drives must be maintained at all times, and is the responsibility of the Contractor. The Contractor shall submit a Plan for Closure of said roadway to RTD for approval before starting work. Closure plans to include all detour routes and signage."

**DEPARTMENT OF TRANSPORTATION STATE
OF GEORGIA**

SPECIAL PROVISION

PROJECT: HPP00-0000-00(265)

COUNTY: FULTON

P.I. NO.: 0000265

Section 107—Legal Regulations and Responsibility to the Public

Delete Subsection 107.21 and Substitute the following:

107.21—Contractor’s Worksite Utility Coordination Supervisor

107.21 General Description

The Contractor shall designate, prior to beginning any work, a Worksite Utility Coordination Supervisor (WUCS) who shall be responsible for initiating and conducting utility coordination meetings and accurately recording and reporting the progress of utility relocations and adjustment work. Also, the WUCS shall prepare an Emergency Response Plan for the purpose of planning, training, and communicating among the agencies responding to the emergency. The WUCS shall be the primary point of contact between all of the Utility companies, the Contractor and the Department. The WUCS shall recommend the rate of reoccurrence for utility coordination meetings and the Engineer will have the final decision on the regularity for utility coordination meetings. In no case will utility coordination meetings occur less than monthly until controlling items of utility relocations and adjustment milestones are completed. The WUCS shall contact each of the utility companies for the purpose of obtaining information including, but not limited to, a Utility Adjustment Schedule for the controlling items of utility relocations and adjustments. The WUCS shall notify the appropriate utility company and/or utility subcontractors and the Department of the status of controlling items of relocations and adjustment milestones as they are completed. The WUCS shall furnish the Engineer, for approval, a Progress Schedule Chart, immediately following the receipt of the Notice to Proceed unless otherwise specified, which includes the utility companies controlling items of work and other information in accordance with Section 108.03 or elsewhere in the Contract documents.

A. Qualifications

The WUCS shall be an employee of the Prime Contractor, shall have at least one year experience directly related to highway and utility construction in a supervisory capacity and have a complete understanding of the Georgia Utilities Protection Center operations, and shall be knowledgeable of the High-voltage Safety Act and shall be trained on the Georgia Utility Facility Protection Act (GUFPA). The Department does not provide any training on GUFPA but will maintain a list of the Georgia Public Service Commission certified training programs developed by other agencies. Currently the following companies offer approved GUFPA training programs:

Associated Damage Consultants Phone:
706.234.8218 or 706.853.1362

Georgia Utility Contractors Association Phone:
404.362.9995

Georgia Utilities Protection Center
Phone: 678.291.0631 or 404.375.6209

H B Training & Consulting
Phone: 706.619.1669 or 877.442.4282 (Toll Free)

The Prime Contractor is responsible for obtaining the GUFPA training for their employees.

Questions concerning the Georgia Public Service Commission GUFPA training program should be directed to:

B. Ticket Status

During the utility coordination meetings the WUCS shall collect and maintain the Ticket Status information to determine the status of all locate requests within the project limits. This information will be used to assure those planning to use mechanized equipment to excavate or work within the project limits are prepared to begin work when they have reported or estimated beginning work. At points where the Contractor's or utility company's operations are adjacent to or conflict with overhead or underground utility facilities, or are adjacent to other property, damage to which might result in considerable expense, loss, or inconvenience, work shall not commence until all arrangements necessary for the protection thereof have been made.

C. Notice

The names of known utility companies and the location of known utility facilities will be shown on the Plans, or listed in the Subsurface Utility Engineering Investigation if performed or in the Special Provisions; and the WUCS shall give 24-hour notice to such utility companies before commencing work adjacent to said utility facilities which may result in damage thereto. The WUCS shall further notify utility companies of any changes in the Contractor's work schedules affecting required action by the utility company to protect or adjust their facilities. Notice to the utility companies by the Department of the Award of Contract, under Subsection 105.06, shall not be deemed to satisfy the notice required by this paragraph. Furthermore, this 24-hour notice shall not satisfy or fulfill the requirements of the Contractor as stated in Chapter 9 of Title 25 of the Official Code of Georgia Annotated, known as the "Georgia Utility Facility Protection Act".

D. Agenda

The WUCS shall cooperate with the companies of any underground or overhead utility facilities in their removal and relocations or adjustment work in order that these operations may progress in a reasonable manner, that duplication of their removal and relocations or adjustment work may be reduced to a minimum, and services rendered by those parties will not be unnecessarily interrupted. To promote this effort the WUCS shall prepare an agenda for the utility coordination meetings and circulate same in advance of the meeting to encourage input and participation from all of the utility companies. The agenda will be prepared by an examination of the project site and may include photographs of potential/actual utility conflicts.

E. Emergency Response Plan

The WUCS shall prepare an Emergency Response Plan within 30 days following the receipt of the Notice to Proceed. The WUCS shall clearly mark and highlight the gas, water and other pressurized pipeline shut-off valves and other utility services including overhead switch locations on the utility plans; and prepare a chart to indicate the location of each site (Street address or intersections), the utility company or operator of the facility with emergency contact information and the working condition of the device to facilitate prompt shut-off. The WUCS shall post the Emergency Response Plan in an area readily accessible to the Department. In the event of interruption to gas, water or other utility services as a result of accidental breakage or as a result of being exposed or unsupported, the WUCS shall promptly notify the appropriate emergency officials, the Georgia Utilities Protection Center and the appropriate utility facility company or operator, if known. Until such time as the damage has been repaired, no person shall engage in excavating or blasting activities that may cause further damage to the utility facility.

F. Submission

Provisions for reporting all utility coordination meetings, the progress of utility relocation and adjustment work milestones and ticket status information will be reported on a form developed by the WUCS and will be distributed by the WUCS to all of the utility companies as milestones are met and shall be included as part of the project records. These reports shall be delivered to the Engineer for review, on a monthly basis. The WUCS shall immediately report to the Engineer any delay between the utility relocation and adjustment work, the existing Utility Adjustment Schedule, or the proposed Utility Adjustment Schedule so that these differences can be reconciled.

G. Delays

Delays and interruptions to the controlling item or items of The Work caused by the adjustment or repair of water, gas, or other utility appurtenances and property will not be charged against the Contract Time unless such delays are due to the negligence of the Contractor.

H. Facilities Supported on Bridges

If the utility facilities are to be supported on bridges, the following provisions shall apply:

1. The Plans will show the location of the facility and the auxiliary items necessary to support the facility.
2. The Contractor constructing the bridge shall install anchor bolts, thimbles, inserts, or other auxiliary items attached to the bridge as a
3. part of the support for the utility facility. The Utility Company shall furnish these auxiliary items, unless the Contract indicates these items are to be furnished by the Contractor as a part of the bridge construction.
4. The Utility or its subcontractor constructing the utility facility shall install hanger rods, pipe rollers, and other attachments necessary for the support of the utility facility as indicated on the Plans. The Utility Company shall furnish these attachments at no cost to the Department or the prime contractor unless otherwise specified. This work shall also include:
 - a. Caulking the openings around the utility where it passes through endwalls to prevent the passage of undesirable materials.
 - b. Painting the exposed portions of utility supports unless such supports are corrosion resistant. Painting shall be done in accordance with the applicable portions of Section 535, unless otherwise specified.
5. The sequence of bridge construction work may be set forth in the Plans and/or the Special Provisions and will show at what stage of the Work a utility company will be allowed to make the utility installation. Further, all or any portion of The Work under Subsection 107.21.H.3 may be included in the bridge Contract by the Plans and/or the Special Provisions.
6. Any damage to the bridge structure caused by the utility installation shall be repaired to the satisfaction of the Engineer at the expense of the Utility or its subcontractor installing the utility facility.

I. Clearances

The Plans provide for at least minimum clearance of utilities as required by the National Electrical Safety Code, U.S. Department of Commerce, National Bureau of Standards. Any additional clearance the Contractor may desire or require in performing The Work shall be arranged by the Contractor with the utility company. The Department will pay no extra compensation for such additional clearances.

J. Utility Adjustment Schedule

The purpose of the Utility Adjustment Schedule is to provide the Contractor with the pertinent information, including any utility staging required, dependent activities, or joint-use coordination that is required for the creation of a progress schedule chart that is feasible. A suitable Utility Adjustment Schedule form is available from the Department for the WUCS to circulate to utility companies for any proposed project construction staging or should a utility company not duly file a Utility Adjustment Schedule to the Department during the preconstruction phase of the project. The WUCS shall submit the Progress Schedule Chart in accordance with Section 108.03 and the proposed Utility Adjustment Schedules from all utility companies to the Engineer for review and approval. Copies of existing Utility Adjustment Schedules with utility companies having facilities on this project will be made available at the Georgia Department of Transportation, Office of Construction Bidding Administration, located at One Georgia Center, 19th Floor, 600 West Peachtree Street, NW, Atlanta, GA 30308, for examination by the Contractor. The Utility Adjustment Schedules are available on-line at: <http://tomcat2.dot.state.ga.us/ContractsAdministration/index.cfm?a=a&fuseaction=dynamic.subsection&secID=3>

K. Compensation

There will be no separate measurement or payment for this Work. The cost associated with this Work shall be included in the overall Bid submitted.

March 15, 2017

Office of Program Delivery

**GEORGIA DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
SPECIAL PROVISION
PROJECT HPP00-0000-00(265) FULTON COUNTY
P.I. NUMBER 0000265**

Section 108 – Prosecution and Progress

Retain Subsection 108.08 and add the following:

108.08 FAILURE OR DELAY IN COMPLETING WORK ON TIME:

C. For this project, an overall completion date has been established. In addition, the following intermediate contract times have been established:

1. Failure to follow Subsections 150.11.A and 150.11.B will result in the assessment of liquidated damages at the rate of \$1,000.00 per hour or portion of an hour thereof per site.

All Liquidated Damages specified above are cumulative and are in addition to those which may be assessed in accordance with Sub-section 108.08 for failure to complete the overall Project.

March 15, 2017

Office of Program Delivery

**GEORGIA DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
SPECIAL PROVISION
PROJECT HPP00-0000-00(265) FULTON COUNTY
P.I. NUMBER 0000265**

Section 150 - Traffic Control

Retain Section 150 and add the following:

150.11 Special Conditions

A. The Contractor shall not close lanes between the hours of 5:00 AM and 9:00 AM and between the hours of 2:00 PM and 8:00 PM Monday through Friday when school is in session (4:00 PM and 8:00 PM when school is not in session). The Contractor shall not perform any work on Sundays per the City ordinances. Failure to comply with this directive will result in the assessment of Liquidated Damages in accordance with Subsection 108.08C.

B. The Contractor shall not close lanes, or move equipment or materials two hours before, during, and two hours after any Roswell High School home football games. Failure to comply with this directive will result in the assessment of Liquidated Damages in accordance with Subsection 108.08C.

**DEPARTMENT OF
TRANSPORTATION STATE OF
GEORGIA**

**SPECIAL
PROVISION**

**Project: HPP00-0000-00(265), Fulton
County
P.I. No.
0000265**

**Section 615 – Directional
Boring**

Delete Section 615 as written and substitute the following:

Section 615 – Directional Boring

615.1 GENERAL DESCRIPTION

This work shall consist of installing various sizes of bores by directional boring through whatever materials may be encountered.

615.2 MATERIALS

Omitted for this project.

615.3 CONSTRUCTION REQUIREMENTS

When required, suitable pits or trenches shall be excavated for the boring operation and for placing the end joints or termination connectors of conduit. Where necessary, they shall be securely sheeted and braced to prevent caving.

Where directional boring is required under railroads, highways, streets or other facilities, construction shall be done in the manner that will not interfere with the operation of the facility, and shall not weaken the roadbed or structure. No roadway pavement, subgrade, roadbed, paved shoulder, or unpaved median shall be disturbed or excavated as part of the boring or pipe placing operation for any reason without written authorization by the Engineer. In the above areas, any broken or damaged boring rod/stem, boring head (including transmitter/transponder locating heads and cutter heads), couplings (including backreaming, swivel or connector couplings), or any other material that cannot be retrieved as part of the pullback operation shall become the property of the Department and shall be abandoned in place unless otherwise authorized in writing by the Engineer. There shall be no additional payment for abandoned material.

Furnish, for the Engineer's approval, a plan showing the proposed methods for the installation of the horizontal directional bore. The Engineer will review the proposed installation plan within 10 working days of receipt by the Department. No directional boring work will be allowed until the Contractor's submitted plan is approved by the Engineer. This plan shall include the following detail as a minimum:

- List of projects completed by the company performing the boring operation, environment of installation (urban work, river crossing, freeway), diameter of product installation and length of bores. This list of projects must include the name, address and phone number of an owner's representative with knowledge of the performance of the work. Provide at least five previously completed projects of similar scope to the boring work included in this contract.
- List of Contractor's key personnel with a resume of boring experience. The Department will be the sole judge of the qualifications of the foreman and the drill operators.
 - Location of all proposed boring entry and exit pits.
- Proposed alignment of bore both horizontal and vertical. The proposed alignment shall maintain a minimum clearance of 18 inches (450 mm) or 2 times the diameter of the final product installation, whichever is greater, at any obstruction. Boring will not be allowed in select backfill areas such as at mechanically stabilized wall locations.
 - Proposed diameter of bore. This diameter is the diameter of the final product installation.
 - Proposed diameter of pilot borehole.

- Proposed diameter of back reamer. In no case shall the diameter of the back reamer exceed 1.5 times the diameter of the final product installation.
- Proposed depth of cover. The depth of cover shall be equal to or greater than 10 times the diameter of the final product installation. Additionally, the minimum depth of cover allowed in paved shoulders shall be 4 feet (1.22 meters). The minimum depth of cover under travel lanes or otherwise outside of the paved shoulder shall be 8 feet (2.44 meters).
- Evaluation of soil conditions to be encountered. Full soil survey not required. As a minimum, excavate the entrance and exit pits for the proposed bore and determine the nature of the material likely to be encountered. The drilling fluid composition should be based on the evaluation of the materials encountered in the bore pit excavation.
 - Proposed composition of drilling fluid.
 - Proposed drilling fluid pressure and flow rates.
 - Proposed drilling fluid management plan.
 - Proposed pull back rate.
 - Type of tracking system

Continuously monitor the location and alignment of the pilot drill process to insure compliance with the proposed installation alignment and to verify depth of the bore. Monitoring shall be accomplished by manual plotting based on location and depth readings provided by the locating/tracking system or by computer generated bore logs which map the bore path based on information provided by the locating/tracking system. Readings or plots shall be obtained on every drill rod and provided to the Engineer on a daily basis for as-builts.

Monitoring of the drilling fluids such as the pumping rate, pressures, viscosity and density during the pilot bore, back reaming, and/or pipe installation stages shall be undertaken to ensure adequate removal of soil cuttings and to ensure that the stability of the borehole is maintained. Drilling fluid pressures should not exceed that which can be supported by the overburden (soil) pressure to prevent heaving or a hydraulic fracture of the soils. Excess drilling fluids shall be contained at the entry and exit points until recycled or removed from the site. Ensure that all drilling fluids are disposed of in a manner acceptable to the appropriate local, state and federal regulations. The Contractor's work will be immediately suspended whenever drilling fluids seep to the surface other than in the boring entrance or exit pit. The Contractor must propose a method to prevent further seepage and must remove and dispose of any drilling fluid on the surface prior to resuming the boring operation.

To minimize heaving during pullback, the pullback rate should be determined to maximize the removal of soil cuttings and minimize compaction of the ground surrounding the borehole. The pullback rate shall also minimize over cutting of the borehole during the back reaming operation to ensure that excessive voids are not created resulting in post installation settlement. Any surfaces damaged by the work shall be restored to their preconstruction conditions. All costs associated with the restoration are to be borne by the Contractor.

The distance that the excavation extends beyond the end of the bore will depend upon the character of the excavated material, but shall not exceed 2 feet (0.61 meters) in any case. This distance shall be decreased on instructions from the Engineer if the character of the material being excavated makes it desirable.

Once the directional boring is begun, the operation shall be carried on without interruption, insofar as practical.

The pits or trenched excavated to facilitate boring operations shall be backfilled immediately after the boring has been completed.

The boring shall proceed from a surface staging area provided for the boring equipment and workers. The location of the staging area shall be approved by the Engineer. The holes shall be bored mechanically. Excavated material will be placed near the top of the working pit and disposed of as required. The use of water or other fluids in connection with the boring operation will be permitted only to the extent necessary to lubricate cutting. Jetting will not be permitted.

Excavation will not be paid for separately, but all of the provisions of Section 205 and 208 shall govern.

In unconsolidated soil formations a gel-forming colloidal drilling fluid consisting of at least 10% high grade carefully processed bentonite may be used to consolidate excavated material, seal the walls of the hole, and furnish lubrication for subsequent removal of material and immediate back reaming/installation of conduit. Flow pressure on the drilling fluid shall be continuously monitored and maintained at the minimal pressure required to place the fluid. At no time shall the flow pressure exceed 500 psi (3448 k Pa) and should normally not exceed 200 psi (1379 k Pa). All drilling fluid shall be completely removed from both ends of the bore and properly disposed of at a location provided by the Contractor.

Allowable variation from line and grade established by the Engineer shall be a maximum of 2 percent. Any voids which develop during the installation operation and are determined by the Engineer to be detrimental to the Work, shall be pressure grouted with an approved mix.

Directional boring operations inherently include the risk of encountering under grade obstructions that begin to alter the bore direction. Should an obstruction be encountered, the Engineer shall be immediately be notified. Attempts at corrective measures to restore the proper bore alignment should include but are not limited to boring deeper or shallower (if minimum pipe depth can be maintained), moving the boring head to the right of left of the obstruction, to attempt to bore through the obstruction (if other than solid rock). To restore the bore alignment, a minimum of three attempts to the Engineer's satisfaction shall be made at each encountered obstruction with different corrective measures. If a suitable bore alignment cannot be restored, the Engineer may authorize a relocation of the bore. Unsuccessful boring attempts shall be paid in accordance with Sections 615.4 and 615.5 below, using the obstruction location as one end of the measured length of directional boring.

**615.4
MEASUREMENT**

Directional bores will be measured by the horizontal linear foot (meter) of bore complete in place. The measurement for payment shall be determined by obtaining measurements from the points at which the bore arrives at the required minimum acceptable depth, at the entrance and exit of the boring operation, following the central axis of the bore. Directional boring above the minimum acceptable depth shall not be measured for payment.

**615.4
MEASUREMENT**

This work performed and materials furnished as prescribed by this Item, measured as provided under Measurement shall be full compensation for furnishing the bore and all incidentals necessary to complete the Item. All excavated material resulting from the directional boring operations shall be disposed of or used as directed by the Engineer at no additional cost to the Department.

**615.5
PAYMENT**

Payment will be made under:

Item No. 615-	Directional Bore (Size)	per Linear Foot (meter)

Office of Design Policy and Sup

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

SPECIAL PROVISION

PROJECT: HPP00-0000-00(265)

FULTON COUNTY

P. I. NO.: 0000265

Section 636—Highway Signs

Delete Section 636 and substitute the following:

636.1 General Description

This work includes fabricating and installing highway signs according to the details on the Plans and the Manual on Uniform Traffic Control Devices.

636.1.01 Definitions

General Provisions 101 through 150.

636.1.02 Related References

A. Standard Specifications

Section 500—Concrete Structures

Section 830—Portland Cement

Section 855—Steel Pile

Section 870—Paint

Section 910—Sign Fabrication

Section 911—Sign Posts

Section 912—Sign Blanks and Panels

Section 913—Reflectorizing Materials

Section 914—Sign Paint

Section 915—Mast Arm Assemblies

Section 916—Delineators

Section 917—Reflective and Nonreflective Characters

B. Referenced Documents

Manual on Uniform Traffic Control Devices

636.1.03 Submittals

Before fabricating overhead panel type signs, submit to the Engineer the Shop Drawings to approve the sign bracing and method of attaching to sign supports.

Before driving piles, furnish a list of proposed pile lengths to the Engineer.

636.2 Materials

Ensure that materials meet the requirements of the following Specifications:

Material	Section
Sign Fabrication and Accessories	910
Steel Sign Posts and Bolts (Drive Type)	911.2.01
Galvanized Steel Structural Shape Posts	911.2.02
Delineator Posts	
Galvanized Steel	911.2.04.A.4
Aluminum "U" Flange	911.2.04.A.5

Material	Section
Wood	911.2.04.A.6
Flexible	911.2.04.A.7
Aluminum Sign Blanks	912.2.01
Extruded Aluminum Sign Panels	912.2.02
Reflective Sheeting	913.2.01
Silk Screen Lettering Paint	914.2.01
Steel Posts and Arms for Mast Arm Assembly	915.2.01
Guy Wires for Mast Arm Assembly	915.2.02
Center Mount Reflector	916.2.01
Demountable Characters with Reflective Sheeting	917.2.01
Fittings, bolts, nuts, washers, clips, molding, etc., for panel signs shall conform to the requirements shown on the Plans.	
Class A Concrete Footings for Signs	500
Piling	855.2.03
Portland Cement	830.2.01
Sign Paint, Enamel	870.2.03

636.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

636.3 Construction Requirements

636.3.01 Personnel

General Provisions 101 through 150.

636.3.02 Equipment

General Provisions 101 through 150.

636.3.03 Preparation

General Provisions 101 through 150.

636.3.04 Fabrication

General Provisions 101 through 150.

636.3.05 Construction

A. Finished Signs

Ensure that the finished signs are clear cut and that the lines of letters and details are true, regular, and free of waviness, unevenness, furry edges or lines, scaling, cracking, blistering, pitting, dents, or blemishes.

Only one type of demountable characters (letters, numerals, symbols, and borders) is permitted on special roadside signs on each Project.

B. Erecting the Signs

1. Drive Type Posts

Drive type posts may be driven in place or placed in prepared holes.

- a. Use driven posts only in firm and stable soil. If the soil is sandy or unstable, place each drive type post in a prepared dry hole of at least a 4 in (100 mm) diameter.

-
- b. When placing posts in prepared holes:
 - 1) Backfill the holes with a mixture of damp, clean friable soil and 8 percent by volume Portland cement.
 - 2) Thoroughly tamp the mixture in place around the posts.
 - c. Erect posts vertically as deep and at an angle to the roadway as shown on the Plans or as directed.
 - d. Do not penetrate posts in the coastal plain region less than 4 ft (1.2 m) or 3 ft (1 m) for posts in the Piedmont and the Valley and Ridge Regions when no guard rail is present.
When erecting signs behind a guard rail, penetrate at least 3 ft (1 m) for posts 14 ft (4.2 m) or less long, or 4 ft (1.2 m) for posts over 14 ft (4.2 m) long.
2. Single-Plate Signs
- Erect single-plate signs 9 ft² (0.84 m²) or less on one drive-type post unless otherwise specified on the Plans.
- Erect single-plate signs greater than 9 ft² (0.84 m²) on two drive-type posts.
- Leave enough distance between the two posts to fit the mounting holes in the sign plate.
3. Steel Posts for Mast Arm Assemblies
- a. Erect steel posts for mast arm assemblies in a concrete foundation according to the Plans. Erect at the place, height, and angle to the roadway specified.
 - b. After curing the concrete foundation for at least 24 hours, securely fasten the specified signs into place on the mast arm.
4. Ground-Mounted Panel-Type Signs
- a. Erect the supporting members of ground-mounted panel-type signs where shown on the Plans or as directed by the Engineer at the specified angle to the roadway.
 - b. Securely fasten the panels into place.
5. Milepost Signs
- Erect milepost signs including posts as specified on the Plans.
6. Delineator Posts
- Use delineator posts made of galvanized steel, aluminum, or an alloy that conforms to the requirements of Subsection 911.2.04.A.4 or 911.2.04.A.5.
- a. Erect the posts where shown on the Plans.
 - b. Mount reflectors for galvanized steel or aluminum posts on the flange side of the post.
 - c. When signs are attached to supports, torque the bolts to at least 20 ft-lbs (27 N•m).
7. Overhead Panel-Type Signs
- Erect overhead panel type signs on sign supports where shown on the Plans or as directed by the Engineer.
- a. Ensure that the bottom of the sign is 18 in (450 mm) above the top of the lighting fixture.
 - b. Ensure that the sign has ample bracing for mounting the sign support so that each sign can withstand 1 in (25 mm) of ice accumulated on the entire sign and wind pressures shown on the Plans.
 - c. Ensure that the top of each sign is three degrees off perpendicular from the bottom of the sign. Use the three-degree slant to lean the sign toward the approaching traffic.

C. Foundations (for Special Roadside Signs)

Do not disturb the natural ground adjacent to a foundation more than necessary to construct the footing.

- 1. Excavate for the footings to the lines and elevations shown on the Plans or established by the Engineer. Do not disturb or loosen the foundation below these elevations.
- 2. Use forms of the necessary shape and dimensions to construct the footings to the lines and elevations shown on the Plans.
- 3. Cure the concrete foundations, constructed in conformance with Section 500 and the Plan details, at least 7 days before erecting the sign.
- 4. Ensure that the minimum lengths of steel H piling used in the foundations of ground-mounting signs are accepted and meet the Plan penetration requirements.

The Plan quantity of steel H piling is shown for estimating purposes only; determine and provide the necessary lengths of piles.

-
5. Before driving the piles, furnish a list of proposed pile lengths to the Engineer.
 - a. Use full-length piles or built-up piles with a maximum of two splices that are made in the presence of the Engineer.
 - b. Furnish satisfactory identification for all piles or portions thereof.
 6. When rock prevents the penetration required on the Plans, construct according to the notes and details shown on the Plans.
 7. The minimum energy ratings required by Section 520 for pile hammers will be waived for constructing ground-mounted sign supports. Jetting is not permitted.
 8. Place required backfilling in layers no greater than 6 in (150 mm) thick and thoroughly compact it to the approximate density of the undisturbed soil in the area.

D. Sign Panels

Use extruded, panel-type aluminum. Ensure that the sign type used meets the requirements of Subsection 912.2.02.

E. Legends and Borders

Place legends and borders according to Subsection 917.2.01, "Demountable Characters", with Type XI reflective sheeting.

636.3.06 Quality Acceptance

General Provisions 101 through 150.

636.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

636.4 Measurement

A. Type-1 or Type-2 Highway Signs

Type 1 or Type 2 highway signs with reflective sheeting of Type IX or XI as specified on the Plans to be paid for are measured for payment by the actual number of square feet (meters) and fraction thereof of sign type and sheeting specified. The measurement includes providing the message and furnishing and placing signs complete and accepted. The Plan quantity will be the pay quantity.

B. Extruded Aluminum Panels

Extruded aluminum panels to be paid for are the number of square feet (meters) or portion of square feet (meters) furnished, including legend components, border material, fittings, nuts, washers, clamps, molding, etc., furnished, erected, completed, and accepted.

C. Galvanized Steel Posts

Galvanized steel posts, types 7, 8, or 9 to be paid for are the actual number of linear feet (meters) and fraction thereof of the type specified, furnished, erected, completed, and accepted.

Galvanized steel to be paid for is the number of pounds (kilograms) furnished, erected, and accepted. Weights are computed from theoretical weights listed in the Plans for each post size. Base plates, connections, anchors, stub post, etc., are not measured for payment but are considered incidental to the Item.

D. Delineators

Delineators (reflectorized guide markers) to be paid for are the number of the type specified, including posts, rivets, and spacers, that are furnished, placed, and completed and accepted.

E. Mast Arm Assemblies

Mast arm assemblies to be paid for are the actual number furnished and erected, including concrete footing, sign, and post, completed and accepted.

F. Special Roadside Signs

Class A concrete for special roadside signs to be paid for are measured by the cubic yard (meter), neat measurement according to Section 500.5 "Payment." No deductions are made for the volume of concrete displaced by steel piling, anchor bolts, or posts.

G. Portland Cement

Portland cement stabilized material used for backfilling holes is not measured for payment.

H. Steel H—Piling

Steel H—piling is measured for payment by the linear foot (meter) of accepted piling in place (signs), remaining in the completed work.

636.4.01 Limits

General Provisions 101 through 150.

636.5 Payment

Highway signs, galvanized steel posts, I-beam posts, delineators, mast arm assemblies, Class A concrete, and piling for signs are paid for at the Contract Unit Price for the various items. Payment is full compensation for furnishing and erecting the Item complete in place according to this Specification.

Separate payment will not be made for piling splices, the cost of cutting, or the cutoff portions. Pile cutoffs remain the Contractor’s property.

Piles eliminated due to authorized revisions will be paid for according to Subsection 109.06, “Eliminated Items.” These piles become Departmental property. Except for the above provision, no payment will be made for piles delivered to the Project that are not used in the work.

Payment will be made under:

Item No. 636	Highway signs, type 1 material, reflective sheeting type____,	Per square foot (meter)
Item No. 636	Highway signs, type 2 material, reflective sheeting type____,	Per square foot (meter)
Item No. 636	Galvanized steel posts, type ____	Per linear foot (meter)
Item No. 636	Galvanized steel structural shape posts	Per pound (kilogram)
Item No. 636	Highway signs, aluminum extruded panels, reflective sheeting type ____	Per square foot (meter)
Item No. 636	Plastic Flexible Delineator, type____	Per each
Item No. 636	Delineator, Type____	Per each
Item No. 636	Piling in place, signs, steel H, HP 12x53 (HP 310x79)	Per linear foot (meter)

636.5.01 Adjustments

General Provisions 101 through 150.

**DEPARTMENT OF
TRANSPORTATION STATE OF
GEORGIA**

SPECIAL PROVISION

PROJECT: HPP00-0000-00(265)

**Fulton
County
P.I. NO.
0000265**

**Section 682 – Electrical Wire, Cable, and
Conduit**

Retain as written and add the following:

**Section 682 – Electrical Junction Box, Reinforced Plastic
Mortar**

682.1 General Description

Expand this item to include Electrical Junction Box, Reinforced Plastic Mortar.

682.2 Materials

Retain as written and add the following:

The Reinforced Plastic Mortar Electrical Junction box shall be manufactured using Polymer Concrete. Polymer Concrete shall be made from selectively graded aggregates in combination with a polymer resin system. The process shall include a process of mixing, molding and curing. Precast polymer concrete shall be reinforced with fiberglass for exceptional strength and rigidity. The manufacturer shall be on the Georgia Department of Transportation Qualified Products Listing.

The details of the Reinforced Plastic Mortar Electrical Junction Box and the size of the box are indicated on the plans. The size of the box is indicated in the manufacturer’s catalog number. If a box other than the specified box is furnished, it shall be equal in quality with the specified box.

682.4 Measurement

This item when completed and accepted will be paid for at the Per Each Price bid. Payment is full compensation for all work and materials specified in this Section.

682.5 Payment

Payment will be made under:

Item No. 682	Electrical Junction Box, Reinforced Plastic Mortar	_ . Per
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**DEPARTMENT OF TRANSPORTATION STATE
OF GEORGIA**

SPECIAL PROVISION

**Project: HPP00-0000-00(265), Fulton County
P.I. No. 0000265**

Section 682 – Electrical Wire, Cable, and Conduit

Retain Section 682 and add the following:

682.1 General Description

Expand this item to include Main Service Pick Up Point The work for the Main Service Pick Up Point includes furnishing and installing all materials and equipment necessary to provide electrical service for the Streetscape Lighting along Memorial Drive within the limits of this project.

682.2 Materials

The materials required for the Main Service Pick Up Point are specified on the plans and shall meet the requirements of Subsection 680.2 and the following: The cable shall meet the requirements of the following:

Mate	Specification
Electrical Wire and Cable	<u>Section</u>
Electrical Conduit	<u>Section</u>

682.5 Payment

Payment will be made under:

Item No. 682	Main Service Pick Up Point 1	Lump Sum
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OFFICE OF DESIGN POLICY AND SUPPORT