



**INVITATION TO BID (ITB)**

<b>Bid Number:</b> SPLOST-04A	<b>Project Name:</b> Pedestrian Crossing Improvements – North Indian Creek Drive from Church Street to Rogers Street
<b>Due Date and Time:</b> March 22 <sup>nd</sup> , 2019  <b>Local Time:</b> 4:00 P.M.	<b>Number of Pages:</b> <u>40</u>

ISSUING DEPARTMENT INFORMATION	
<p>City of Clarkston          Robin Gomez – City Manager          Issue Date: February 25<sup>th</sup>, 2019          Phone: 404-296-6489</p>	

INSTRUCTIONS TO BIDDERS	
<p><b>Return Submittal to:</b></p> <p>City of Clarkston          City Annex          1055 Rowland Street          Clarkston, GA 30021  <b>ATTN: Robin Gomez</b>          City Manager</p> <p><b>Hours of Operation: Mon.-Fri. 9am – 5pm</b></p>	<p><b>Mark Face of Sealed Envelope/Package:</b>  <b>Bid Number:</b> SPLOST-04A  <b>Name of Company or Firm:</b> _____</p> <ul style="list-style-type: none"> <li>• <b>Special Instructions: Deadline for Questions: 5:00 PM; March 18<sup>th</sup>, 2019</b></li> <li>• <b>Email questions to Larry Kaiser at (owner’s representative); <a href="mailto:kaiser@co-infra-services.com">kaiser@co-infra-services.com</a> (call 404-909-5619 to confirm receipt of email)</b></li> <li>• <b>Refer to Schedule of Events in bid package for additional instructions</b></li> <li>• <b>A non-mandatory pre-bid meeting will be held on March 13<sup>th</sup>, 2019 at 3:00 PM</b></li> </ul>

BIDDERS MUST COMPLETE THE FOLLOWING	
Bidder Name/Address:	Authorized Bidder Signatory:  (Please print name and sign in ink)
Bidder Phone Number:	Bidder FAX Number:
Bidder State I.D. Number:	Bidder E-mail Address:
BIDDERS MUST RETURN THIS COVER SHEET WITH BID RESPONSE	

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**INVITATION TO BID  
PEDESTRIAN CROSSWALK IMPROVEMENT – NORTH INDIAN CREEK  
FROM  
CHURCH ST. TO ROGERS ST**

The City of Clarkston (CITY) is accepting sealed bids from qualified firms for **PEDESTRIAN CROSSWALK IMPROVEMENT – NORTH INDIAN CREEK FROM CHURCH ST TO ROGERS ST** project in conformance with Title 32, Chapter 4, Article 4, and Part 2 of the Official Code of Georgia Annotated. All work will be done in accordance with Georgia Department of Transportation's (GDOT) Standard Drawings, Standard Specifications as standards and specifications, unless otherwise noted, for the construction and completion of the work required. All bidders must comply with all general and special requirements of the bid information and instructions enclosed herein. Work required under the Contract includes demolition, grading, sidewalk and pedestrian ramp installations, concrete refuge islands, striping, HAWK signal installation with mast arm poles and related work tasks.

The project shall be Substantially Complete within **100 calendar** days from the date of issuance of Notice to Proceed. Liquidated damages in the amount of \$500 per day will be assessed, excluding quantifiable weather delays, supplier equipment delays, or similar events outside the control of the contractor, for each day that the project is not substantially complete.

CITY will receive sealed bids until **4:00 PM; March 22<sup>nd</sup>, 2019 at City of Clarkston; City Annex, 1055 Rowland Street; Clarkston, GA 30021; ATTN: Robin Gomez; City Manager.** Bids received after this time will not be accepted. Bids will publicly read aloud in the City of Clarkston City Annex Conference Room at approximately 4:05 PM on March 22<sup>nd</sup>, 2019. All interested parties are invited to attend. A non-mandatory pre-bid conference will be held on March 13<sup>th</sup>, 2019 at 3:00 PM at the City Annex. Apparent bid results will be posted on the City web site; [www.cityofclarkston.org](http://www.cityofclarkston.org). Bids received after the above date and time or in any location other than that specified will not be accepted.

Bidding Documents are available for download from the CITY web site; [www.cityofclarkston.org](http://www.cityofclarkston.org).

Bids shall be presented in a sealed envelope with the bid number (SPLOST-04A) and the name of the company or firm submitting clearly marked on the outside of the envelope. **ONE (1) ORIGINAL (PAPER) AND ONE (1) COPY (PAPER) MUST BE SUBMITTED.** Bids will not be accepted verbally, by fax, or email.

Award will be made to the vendor submitting the lowest responsive and responsible bid. The CITY reserves the right to reject any or all bids and re-advertise, to waive any informalities or irregularities and to make an award as deemed in its best interest. The written bid documents supersede any verbal or written prior communications between the parties.

The bid submittal shall also include a bid bond in the form of a certified check or cashier's check in the amount of five percent (5%) of the total bid, made payable to City of Clarkston, Georgia. The selected contractor will be required to submit a one hundred percent (100%) performance bond and one hundred percent (100%) payment bond. The cost of the P&P bonds shall be included as a separate line item in the Bid Schedule of Items.

CITY does not discriminate on the basis of disability in the admission or access to its programs or activities. Any requests for reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of the City of Clarkston government shall be directed to Robin Gomez; City Manager; 404-296-6489 or [rgomez@cityofclarkston.com](mailto:rgomez@cityofclarkston.com).

All questions regarding the bid documents shall be made via email to the Project Manager; [kaiser@co-infra-services.com](mailto:kaiser@co-infra-services.com). The Project Manager will acknowledge receipt of questions. If bidder does not receive acknowledgement, it's the bidder's responsibility to contact the Project Manager at 404-909-5619 to ensure questions are received. The deadline to submit questions is 5:00 PM on March 18<sup>th</sup>, 2019. The City will post "Response to Questions and/or Addendum", if applicable, on the CITY web site no later than 5:00 PM on March 19<sup>th</sup>, 2019.

To report bid rigging activities call:

**1-800-424-9071**

*The U.S. County of Transportation (DOT) operates the above toll-free “hotline” Monday through Friday, 8:00 AM to 5:00 PM, Eastern Time. Anyone with the knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the “hotline” to report such activities.*

**The “hotline” is part of the DOT’s continuing effort to identify and investigate highway construction contract fraud and abuse, and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.**

**CITY**  
**Invitation to Bid SPLOST-04A**  
**BIDDING INSTRUCTIONS**

**FAILURE TO RETURN THE FOLLOWING BID DOCUMENTS COULD RESULT IN THE BID BEING DEEMED NON-RESPONSIVE AND BEING REJECTED:**

<b>Item</b>	<b>Description</b>	<b>Page(s)</b>
1	Filled out and Signed Invitation to Bid	1
2	Bid Form and Addenda Acknowledgement (2 pages)	9-10
3	Bid Bond (3 pages)	11
4	Qualification Signature and Certification	14
5	List of Subcontractors	15
6	Contractor & Subcontractor Affidavit and Agreement (E-Verify)	16-17
7	Disclosure Form	18
8	Certificate of Sponsor Drug Free Workplace	19
9	Bid Schedule of Items – Exhibit A (4 pages)	29

**INFORMATION AND INSTRUCTIONS**

The purpose of this solicitation is to enter into a unit price contract with one firm to be the primary supplier for the work specified in the SPLOST-04A Bid Schedule and the contents of the Bid Package.

No specification expressed or implied shall be construed as any type of restrictive specification that would limit competition.

Unless clearly shown as “no substitute” or any words to that effect, any items in these contract documents which have been identified, described or referenced by a brand name or trade name are for reference only. Such identification is intended to be descriptive, but not restrictive and is to indicate the general quality and characteristics of products that may be offered. Each bid item for which an equivalent item is proposed must be individually identified on the bid sheet with the following information: brand name, model or manufacturer’s number or identification regularly used in the trade. Photographs, specifications and cut sheets shall be provided of the proposed alternative. The CITY shall be the sole judge of the suitability of the proposed alternative and may consider function, design, materials, construction, workmanship, finishes, operating features, overall quality, local service facilities, warranty terms and service or other relevant features.

The CITY reserves the right to cancel the contract at any time with 30 days written notice.

Title to any supplies, materials, equipment or other personal property shall remain the Contractors’ until fully paid for by the CITY

All items to be bid FOB, 1055 Rowland Street, Clarkston, GA 30021. No sales taxes are to be charged.

Any damage to any building or traffic control device, or equipment incurred during the course of work shall be repaired at the contractor’s expense to the complete satisfaction of CITY with no additional expense to the CITY. Prime contractor shall perform **a minimum of 50%** of the work.

## EVALUATION

The CITY intends to evaluate the Invitation-to-Bid (ITB) on the lowest, best, responsible, and responsive vendor.

## INSURANCE REQUIREMENTS

Within 5 days of Notice of Award, and at all times that this Contract is in force, the Contractor shall obtain, maintain and furnish the CITY Certificates of Insurance from licensed companies doing business in the State of Georgia with an A.M. Best Rating A-6 or higher and acceptable to the CITY.

Within 5 days of Notice of Award, and at all times that this Contract is in force, the Contractor shall obtain, maintain and furnish the CITY Certificates of Insurance from licensed companies doing business in the State of Georgia with an A.M. Best Rating A-6 or higher and acceptable to the CITY. Insurance requirements are provided below and included in the CONTRACT AGREEMENT (Section 7.K).

- (1) Requirements: The Contractor shall have and maintain in full force and effect for the duration of this Agreement, insurance insuring against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work by the Contractor, its agents, representatives, employees or subcontractors. All policies shall be subject to approval by the CITY's Attorney as to form and content. These requirements are subject to amendment or waiver if so approved in writing by the CITY.
- (2) Minimum Limits of Insurance: Contractor shall maintain the following insurance policies with limits no less than:
  - (a) Comprehensive General Liability of \$1,000,000 (one million dollars) limit per single occurrence, \$2,000,000 (two million dollars) umbrella, including coverage for bodily and personal injury, sickness, disease or death, injury to or destruction of property, including loss of use resulting therefrom, vandalism, property loss and theft.
  - (b) Comprehensive Automobile Liability (owned, non-owned, hired) of \$1,000,000 (one million dollars) combined single limit per occurrence for bodily and personal injury, sickness, disease or death, injury to or destruction of property, including loss of use resulting therefrom.
  - (c) Workers' Compensation limits as required by the State of Georgia and Employers Liability limits of \$1,000,000 (one million dollars) per accident.
- (3) Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the CITY in writing.
- (4) Other Insurance Provisions: The policy is to contain, or be endorsed to contain, the following provisions:

- (a) General Liability and Automobile Liability Coverage.
- (i) The CITY and CITY Parties are to be covered as insureds. The coverage shall contain no special limitations on the scope of protection afforded to the CITY or CITY Parties.
  - (ii) The Contractor's insurance coverage shall be primary noncontributing insurance as respects to any other insurance or self-insurance available to the CITY or CITY Parties. Any insurance or self-insurance maintained by the CITY or CITY Parties shall be in excess of the Contractor's insurance and shall not contribute with it.
  - (iii) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the CITY or CITY Parties.
  - (iv) Coverage shall state that the Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
  - (v) Coverage shall be provided on a "pay on behalf" basis, with defense costs payable in addition to policy limits. There shall be no cross liability exclusion.
  - (vi) The insurer agrees to waive all rights of subrogation against the CITY and CITY Parties for losses arising from Work performed by the Contractor for the CITY for General Liability coverage only.
- (b) Workers' Compensation Coverage: The insurer providing Workers' Compensation Coverage will agree to waive all rights of subrogation against the CITY and CITY Parties for losses arising from Work performed by the Contractor for the CITY.
- (c) All Coverages:
- (i) Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the CITY.
  - (ii) Policies shall have concurrent starting and ending dates.
- (5) Acceptability of Insurers: Insurance is to be placed with insurers authorized to do business in the State of Georgia and with an A.M. Best's rating of no less than A:VI.
- (6) Verification of Coverage: Contractor shall furnish the CITY with certificates of insurance and endorsements to the policies evidencing coverage required by this clause prior to the start of Work. The certificate of insurance and endorsements shall be on a form utilized by Contractor's insurer in its normal course of business and shall be received and approved by the CITY within ten (10) days of the Notice of Award.

The CITY reserves the right to require complete, certified copies of all required insurance policies, at any time. The Contractor shall provide proof that any expiring coverage has been renewed or replaced at least two (2) weeks prior to the expiration of the coverage.

- (7) Subcontractors: Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated in this Agreement, including but not limited to naming the Parties as additional insureds.
  
- (8) Claims-Made Policies: Contractor shall extend any claims-made insurance policy for at least six (6) years after termination or final payment under the Agreement, whichever is later.
  
- (9) CITY as Additional Insured and Loss Payee: The CITY shall be named as an additional insured and loss payee on all policies required by this Agreement, except the CITY need not be named as an additional insured and loss payee on any Workers' Compensation policy.

### **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. Said bid bond guarantees the bidder 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 Bidder shall be required to furnish **PAYMENT AND PERFORMANCE BONDS** for the faithful performance on the contract and a bond to secure payment of all claims for materials furnished and/or labor performed in performance of the project, both in amounts equal to one hundred percent (100%) 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. Bonds shall be on the forms provided by the CITY and subject to the review and approval of the CITY Attorney.

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



## **OATH**

Prior to commencing the Work, the successful bidder shall execute a written oath as required by O.C.G.A. §§ 32-4-122 and 36-91-21(e).

## **COST OF PREPARING A PROPOSAL**

The costs for developing and delivering responses to this ITB and any subsequent presentations of the proposal as requested by the CITY are entirely the responsibility of the bidder. The CITY is not liable for any expense incurred by the bidder in the preparation and presentation of their proposal. All materials submitted in response to this ITB become the property of the CITY.

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**BID FORM and ADDENDA ACKNOWLEDGEMENT**

**TO: CITY OF CLARKSTON**  
**1055 Rowland Street**  
**ATTN: Robin Gomez**

**Ladies and Gentlemen:**

In compliance with your Invitation To Bid, the undersigned, hereinafter termed the Bidder, proposes to enter into a Contract with CITY, 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:

**Bid Number SPLOST-04A**  
**PEDESTRIAN CROSSING IMPROVEMENTS –NORTH INDIAN CREEK**  
**CHURCH STREET TO ROGERS STREET**

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 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 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 One Hundred (100) calendar days from the Notice to Proceed. If weather or material availability affects the required completion schedule, the CITY will provide a new completion date.

Attached hereto is an executed Bid Bond in the amount of \_\_\_\_\_ Dollars (\$) (Five Percent of Amount Bid). **Bid Bond Amount to be for the largest bid amount submitted.**

If this bid shall be accepted by the CITY 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 days from the date of Notice of Award of the Contract, then the CITY 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 as liquidated damages.

Bidder acknowledges receipt of **“Response to Questions”** and/or the following **Addenda**:

Addendum No.	Date Viewed
_____	_____
_____	_____
_____	_____
_____	_____

**Add additional pages as necessary for the Addendum.**

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

Signed, sealed, and dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

Bidder \_\_\_\_\_ (Seal)  
Company Name

Bidder Mailing Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Print Name: \_\_\_\_\_

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

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**BID BOND  
CITY OF CLARKSTON, GEORGIA**

BIDDER (Name and Address):

\_\_\_\_\_

SURETY (Name and Address of Principal Place of Business):

\_\_\_\_\_

OWNER (hereinafter referred to as the "CITY" (Name and Address):

City of Clarkston  
1055 Rowland Street  
Clarkston, GA 30021  
**ATTN:** Robin Gomez

**BID**

BID DUE DATE:

PROJECT (Brief Description Including Location):

\_\_\_\_\_

**BOND**

BOND NUMBER:

DATE (Not later than Bid due date):

PENAL SUM: \_\_\_\_\_

(Words)

(Figures)

IN WITNESS WHEREOF, Surety and Bidder, intending to be legally bound hereby to the CITY, subject to the terms printed below or on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent or representative.

BIDDER

SURETY

\_\_\_\_\_(Seal)

\_\_\_\_\_(Seal)

Bidder's Name and Corporate Seal

Surety's Name and Corporate Seal

By: \_\_\_\_\_

By: \_\_\_\_\_

Signature and Title:

Signature and Title:

(Attach Power of Attorney)

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_

Signature and Title:

Signature and Title:

- Note:
- (1) Above addresses are to be used for giving any notice required by the terms of this Bid Bond.
  - (2) Any singular reference to Bidder, Surety, the CITY or any other party shall be considered plural where applicable.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to the CITY upon Default of Bidder the penal sum set forth on the face of this Bond.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension of that time agreed to in writing by the CITY) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
  - 3.1 The CITY accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension of that time agreed to in writing by the CITY) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents; or
  - 3.2 All Bids are rejected by the CITY; or
  - 3.3 The CITY fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension of that time agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon Default by Bidder within 30 calendar days after receipt by Bidder and Surety of a written Notice of Default from the CITY, which Notice will be given with reasonable promptness and will identify this Bond and the Project and include a statement of the amount due.
5. Surety waives notice of, as well as any and all defenses based on or arising out of, any time extension to issue a Notice of Award agreed to in writing by the CITY and Bidder, provided that the total time, including extensions, for issuing a Notice of Award shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond either prior to 30 calendar days after the Notice of Default required in paragraph 4 above is received by Bidder and Surety or later than one year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the State of Georgia.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer or proposal, as applicable under the particular circumstances.

12. The terms of this Bid Bond shall be governed by the laws of the State of Georgia.

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**QUALIFICATIONS SIGNATURE AND CERTIFICATION**

I certify that this offer is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, equipment, or services and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal Law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of the proposal and certify that I am authorized to sign this proposal for the proposer. I further certify that the provisions of the Official Code of Georgia Annotated, including but not limited to Title 32, Chapter 4, Article 4, Part 2 and Sections 45-10-20 et seq. have not been violated and will not be violated in any respect.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Print/Type Name \_\_\_\_\_

Print/Type Company Name Here \_\_\_\_\_

**CORPORATE CERTIFICATE**

I, \_\_\_\_\_, certify that I am the Secretary of the Corporation named as Contractor in 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 in behalf of said Corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said Corporation is organized under the laws of the State of \_\_\_\_\_.

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

- \_\_\_\_\_ (Seal  
) (Signature)

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**LIST OF SUBCONTRACTORS**

I do \_\_\_\_\_, do not \_\_\_\_\_, propose to subcontract some of the work on this project. I propose to Subcontract work to the following subcontractor(s):

Company #1

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company President & Phone Number: \_\_\_\_\_

Company #2:

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company President & Phone Number: \_\_\_\_\_

Company #3:

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company President & Phone Number: \_\_\_\_\_

**ATTACH ADDITIONAL PAGES AS NECESSARY**



[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]

STATE OF GEORGIA

CITY OF CLARKSTON

**CONTRACTOR AFFIDAVIT AND AGREEMENT**

**By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the CITY has registered with and is participating in a federal work authorization program, in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91.**

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

\_\_\_\_\_  
EEV / Basic Pilot Program User Identification Number

\_\_\_\_\_  
BY: Authorized Officer or Agent Date

\_\_\_\_\_  
Print Contractor Name

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE  
\_\_\_\_ DAY OF \_\_\_\_\_, 201\_

\_\_\_\_\_  
Notary Public  
My Commission Expires:  
\_\_\_\_\_

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**STATE OF GEORGIA**

**CITY OF CLARKSTON**

**SUB- CONTRACTOR E-VERIFY**

**By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the CITY has registered with and is participating in a federal work authorization program, in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91.**

The undersigned agrees that they shall be in compliance with O.C.G.A. § 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08. Sub-contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the CITY at the time the Contractor is retained to perform contact services with the CITY.

\_\_\_\_\_  
EEV / Basic Pilot Program User Identification Number

\_\_\_\_\_  
BY: Authorized Officer or Agent Date

\_\_\_\_\_  
Print Sub- Contractor Name

\_\_\_\_\_  
Title of Authorized Officer or Agent of Sub-Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME  
ON THIS THE  
\_\_\_\_ DAY OF \_\_\_\_\_, 201\_\_

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**DISCLOSURE FORM**

This form is for disclosure of campaign contributions and family member relations with CITY officials/employees or Owner's Representative (Collaborative Infrastructure Service employees).

Please complete this form and return as part of your bid package when it is submitted.

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

Name and the official position of the CITY Official to whom the campaign contribution was made (Please use a separate form for each official to whom a contribution has been made in the past two (2) years.)

\_\_\_\_\_

List the dollar amount/value and description of each campaign contribution made over the past two (2) years by the Applicant/Oponent to the named CITY Official.

Amount/Value	Description
_____	_____
_____	_____
_____	_____

**Please list any family member that is currently (or has been employed within the last 12 months) by the CITY and your relation:**

\_\_\_\_\_  
\_\_\_\_\_

**[BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE]**

**CERTIFICATION OF SPONSOR DRUG-FREE WORKPLACE**

***I hereby certify that I am a principle and duly authorized representative***

***or*** \_\_\_\_\_

whose address \_\_\_\_\_

and it is also that:

1. The provisions of Section 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated, relating to the “Drug-Free Workplace Act” have been complied with in full; and,
2. A drug-free workplace will be provided for the sponsor’s employees during the performance or the contract; and,
3. Each subcontractor hired by the SPONSOR shall be required to ensure that the subcontractor’s employees are provided a drug-free workplace. The SPONSOR shall secure from that subcontractor the following written certification: “As part of the subcontracting agreement with \_\_\_\_\_  
\_\_\_\_\_ certifies to the SPONSOR 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 the Official Code of Georgia Annotated Section 50-24-3; and,
4. It is certified that the undersigned will not engage in unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the contract.

Date: \_\_\_\_\_

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

## 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:  
CITY Manager

Section 101.22  
DEPARTMENT

Delete as written and substitute the following:  
CITY Manager

Section 101.24  
OWNER'S REPRESENTATIVE

Delete as written and substitute the following:  
OWNER'S REPRESENTATIVE

Section 101.84

Add: OWNER'S REPRESENTATIVE

### 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, 1055 Rowland Street, Clarkston, GA 30021”

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. 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:

Bids shall be submitted on the Bid Form provided by the CITY

The bid package as described in Notice to Contractors, Page 1 must be submitted with the bid. Failure to do so could result in the omission of pertinent documents and the rejection of the apparent low bid.”

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 CITY Manager, The CITY; 1055 Rowland Street, Clarkston, GA 30021. 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 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, or Payment Bonds, 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, 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 bidder, may be re-advertised, or may be

constructed by CITY forces. The Contract and Contract bonds shall be executed in quadruplicate.”

## SECTION 107 LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

### Section 107.21 CONTRACTORS

Add the following sentence to Paragraph A:

#### RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICE

“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’

As long as the gross value of completed work is less than 50% of the total Contract amount, or if the Contractor is not maintaining his construction schedule to the satisfaction of the Owner’s Representative, the CITY shall retain 10% of the gross value of the work that has been completed as indicated by the current estimate certified by the Owner’s Representative for payment.

### Section 109.08 FINAL PAYMENT

Delete in its entirety and substitute the following.

“Final Payment: Upon completion by the Contractor of the work, including the receipt



of any final written submission of the Contractor and the approval thereof by the CITY will pay the Contractor a sum equal to 100 percent (100%) of the compensation set forth herein, 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, 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

# **PROJECT WORK SCOPE**

## **PROJECT TITLE**

The City of Clarkston requests interested parties to submit formal sealed bids/proposals for the **SPLOST-04A PEDESTRIAN CROSSING IMPROVEMENTS – NORTH INDIAN CREEK FROM ROGERS STREET TO CHURCH STREET** project.

## **REQUIRED BIDDING DOCUMENTS**

The submitted bid shall be based on the project details described in the following and the required submittals identified in the Bidding Instructions:

1. Bid Schedule of Items - Exhibit A
2. Construction Plans Prepared by WOLVERTON - Exhibit B (download from city web site)
3. GDOT Special Provision Sections 647 (Traffic Signal Installation) & 925 (Traffic Signal Equipment) - Exhibit C

## **PROJECT DESCRIPTION**

Furnish all labor, materials, and equipment for demolition, grading, sidewalk and pedestrian ramp installations, concrete refuge islands, striping, HAWK signal and LED sign installation, mast arm poles and related work tasks.

## **SPECIFICATIONS**

Unless otherwise noted, all work associated with this contract shall meet the Georgia DOT standard specifications for construction materials, methods and procedures not specifically listed in this solicitation.

The following are special provisions prepared specifically for this contract and may be in conflict with parts of the standard specifications. If conflicts are evident the special provisions shall take precedence over the standard specifications.

## **PROSECUTION AND PROGRESS**

The CITY desires to have all work completed no later than One Hundred (100) calendar days after the issuance of the Notice-To-Proceed by the Owner's Representative.

Construction shall begin no later than 10 calendar days following the Notice to Proceed. The Contractor will mobilize with sufficient forces such that all construction identified as part of this contract shall be substantially completed within the calendar days indicated on the Bid Schedule. Inclement weather days and availability of materials, will not count against the available calendar days.

Normal workday for this project shall be 9:00 AM to 4:00 PM and the normal work week shall be Monday through Friday. The CITY will consider extended workdays or workweeks upon written request by the Contractor on a case by case basis. No work will be allowed on county or state recognized holidays.

The work will require bidder to provide all labor, administrative forces, equipment, materials and other incidental items to complete all required work. The CITY shall perform a Final Inspection upon completion of all work. The Contractor will be allowed to participate in the Final Inspection. All repairs shall be completed by the Contractor at his expense prior to issuance of Final Acceptance. Ten (10%) percent retainage will be held on the final invoice until Final Acceptance of work (completed punch list) is issued by the CITY.

The Contractor shall provide all materials, labor, and equipment necessary to perform the work without delay unto completion.

### **PERMITS AND LICENSES**

The Contractor shall procure all permits and licenses, pay all charges, taxes and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work.

### **QC/OA TESTING OF MATERIALS**

The **Contractor** will be responsible for all quality control testing (concrete sampling and testing to meet GDOT requirements) of materials and equipment incorporated into the project. All materials and workmanship shall meet appropriate GDOT specifications. Materials quality control testing types must meet GDOT specifications.

Contractor shall secure the services of a GDOT qualified materials testing firm to perform all required concrete tests. Test results shall be provided to the CITY promptly as the work progresses. All material testing work shall be considered incidental to the rest of the work and no separate payment will be made. One set of five (5) cylinders. Compressive strength of the Class A for the sidewalk shall be GDOT requirements after 28 days.

Contractor will be responsible for replacing any work performed with material from rejected sample lot at no cost to the CITY.

### **DEVIATION OF QUANTITIES**

The quantities given are estimates only and will vary from those indicated. Payment will be made based on actual quantities of work completed and accepted. The CITY reserves the right to add or delete quantities at any time with no alterations in the submitted Unit Price. Contractor will notify the CITY in writing if additional items are identified or quantities of contract items will exceed plan. At no time will contractor proceed with work outside the prescribed scope of services for which additional payment will be requested without the written authorization of the CITY.

## **UTILITIES**

Contractor shall be responsible for the cost and coordination of any utility relocation necessary to the completion of the work. The cost for easements required for placement of utilities off ROW will not be the responsibility of the contractor.

## **GENERAL CONSTRUCTION GUIDELINES**

1. **The Prime Contractor shall be required to perform a minimum of 50% of the work** included in the Schedule of Items and will not be allowed to sublet this item. All work shall be in accordance with Section 108.01 of the Standard Specifications of the Georgia Department of Transportation, Lighting Standards and Luminaires – GDOT Special Provision Section 681 (Exhibit C) and WOLVERTON PLANS (Exhibit B)
2. The contractor shall be required to give 24 hour notice to the Owner’s Representative before proceeding with any work.
3. The contractor shall furnish, install, maintain and remove all necessary traffic signs, barricades, lights, signals, cones and other traffic control devices, and all flagging and other means of traffic protection and guidance as required by the Standard Specifications of the Georgia Department of Transportation. Such work shall be considered incidental to the overall contract, and no additional compensation will be made. The Contractor shall also install two (2) “message boards”; one each on both approaches to the project site on North Indian Creek for a minimum of 14 days prior to the activation of the HAWK signal. The City will provide the notification wording for the contractor to program in the message boards.
- 4.. Notices shall be dropped off at place of businesses a minimum of 48 hours before work commences. Notices to be provided only to those properties where work abuts the property frontages. In this specific case, a total of four (4) Notices to be delivered. Notices to be approved by Owner’s Representative before delivery occurs. Notices shall, at a minimum, state the project type, the anticipated start and complete date, name of contractor, use of contractor letterhead and phone number of superintendent.

## SCHEDULE OF EVENTS

### FOR REFERENCE ONLY - DO NOT SUBMIT WITH BID RESPONSE

<b>Event:</b>	<b>Date:</b>
Release of ITB	Monday, February 25 <sup>th</sup> , 2019
Non- Mandatory Pre-Bid Conference	Wednesday, March 13 <sup>th</sup> , 2019; 3:00 PM
Deadline for Written Questions	Monday, March 18 <sup>th</sup> , 2019; 5:00 PM
CITY to post on CITY web site “Response to Questions” and/or Addendum	March 19 <sup>th</sup> , 2019; 5:00 PM
Deadline for Bid Submittal	On or before March 25 <sup>th</sup> , 2019; 4:00 PM
City Council Vote	April 2 <sup>nd</sup> , 2019
Contract Signatures Both Parties	April 3 <sup>rd</sup> – 8 <sup>th</sup> , 2019
Notice to Proceed Issued (On/about)	April 9 <sup>th</sup> , 2019

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\*Submit questions via email to Larry Kaiser; [kaiser@co-infra-services.com](mailto:kaiser@co-infra-services.com)

### **Bids Due: March 25<sup>th</sup>; 2019 @ 4:00 PM**

Bids are due to:

City of Clarkston  
City Annex  
1055 Rowland Street  
Clarkston, GA 30021

**ATTN:** Robin Gomez  
City Manager

**NOTE:** Hours of operation are from 9:00 AM until 5:00 PM Monday-Friday.

**(BIDDERS MUST RETURN THIS FORM WITH BID RESPONSE)  
EXHIBIT A**

**BID SCHEDULE OF ITEMS** (2 pages)

**Contract Scope:** Furnish all labor, materials, and equipment for demolition, grading, sidewalk and pedestrian ramp installations, concrete refuge islands, striping, HAWK signal and LED sign installation, mast arm poles and related work tasks

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXTENSION
<b>ROADWAY</b>					
150-1000	TRAFFIC CONTROL -PROJECT A	LS	LUMP		\$
210-0100	GRADING COMPLETE - PROJECT	LS	LUMP		\$
310-1101	GR AGGR BASE CRS, INCL MATL	TN	24		\$
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	TN	197		\$
413-0750	TACK COAT	GL	144		\$
432-0206	MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	SY	2387		\$
441-0104	CONC SIDEWALK, 4 IN	SY	80		\$
441-0748	CONCRETE MEDIAN, 6 IN	SY	48		\$
900-0037	CONCRETE PAVERS	SF	456		\$
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	210		\$
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LF	20		\$
441-5008	CONCRETE HEADER CURB, 6 IN, TP 7	LF	233		\$
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	28		\$
668-2100	DROP INLET, GP 1	EA	2		\$
668-2110	DROP INLET, GP 1, ADDL DEPTH	LF	2		\$
<b>PERMANENT EROSION CONTROL</b>					
700-6910	PERMANENT GRASSING	AC	1		\$
700-7000	AGRICULTURAL LIME	TN	3		\$
700-8000	FERTILIZER MIXED GRADE	TN	2		\$
700-8100	FERTILIZER NITROGEN CONTENT	LB	50		\$

<b>TEMPORARY EROSION CONTROL</b>					
163-0232	TEMPORARY GRASSING	AC	1		\$
163-0240	MULCH	TN	3		\$
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	7		\$
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	50		\$
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	7		\$
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	100		\$

<b>SIGNING AND MARKING</b>					
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	44		\$
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	52		\$
636-2070	GALV STEEL POSTS, TP 7	LF	85		\$
636-2090	GALV STEEL POSTS, TP 9	LF	92		\$
652-0094	PAVEMENT MARKING, SYMBOL, TP 4	EA	2		\$
652-0105	PAVEMENT MARKING, BIKE SHARED LANE SYMBOL	EA	2		\$
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	2		\$
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	6		\$
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	EA	3		\$
653-0210	THERMOPLASTIC PVMT MARKING, WORD, TP 1	EA	1		\$
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	688		\$
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	433		\$
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	54		\$
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	456		\$
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	293		\$
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	65		\$
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	92		\$

654-1001	RAISED PVMT MARKERS TP 1	EA	30		\$
654-1003	RAISED PVMT MARKERS TP 3	EA	18		\$
656-3600	REMOVE EXIST TRAF STRIPE, ALL KINDS & TYPES	SY	233		\$
657-9111	WET REFLECTIVE PREFORMED SOLID PAVEMENT MARKINGS, 5 INCH WIDE, YELLOW	LF	233		\$

**MARKING FROM ROGERS STREET TO JAMIESON PLACE**

652-0094	PAVEMENT MARKING, SYMBOL, TP 4	EA	4		\$
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	8		\$
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	3100		\$
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	3100		\$
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	660		\$
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	GLF	3100		\$
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	50		\$

**SIGNALS**

639-3004	STEEL STRAIN POLE, TP IV - WITH 50 FT MAST ARM	EA	1		\$
647-1000	TRAFFIC SIG. INSTALLATION NO - 1	LS	1		\$
647-3000	INTERNALLY ILLUMINATED STREET SIGN	EA	1		\$
647-3001	INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	1		\$
682-6110	CONDUIT, GRS, 1 IN	LF	125		\$
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	280		\$
682-9950	DIRECTIONAL BORE - 5 IN	LF	140		\$
926-2500	4G CELLULAR ROUTER, TYPE B	EA	1		\$

**TOTAL** \$



**Print Total Bid Price: (print)** \_\_\_\_\_

In compliance with the attached Specification, the undersigned offers and agrees that if this Bid is accepted by the CITY, that he will furnish any or all of the Items upon which Prices are quoted, at the Price set opposite each Item, delivered to the designated point(s) and that the submitted bid will be valid for a maximum period of 90 days from the date of the contract signature by both parties to the date of the city's NTP issuance and said submitted bid shall remain valid during the entire duration of the construction.

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

AUTHORIZED SIGNATURE \_\_\_\_\_

PRINT / TYPE NAME \_\_\_\_\_

TITLE \_\_\_\_\_

# **EXHIBIT B**

## **CONSTRUCTION PLANS** (available for download from CITY web site)

# **EXHIBIT C**

Special Provisions

GDOT Special Provision Sections 647 & 925

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
SPECIAL PROVISION**

**SPLOST 4 - North Indian Creek Drive  
from Church Street to Rodgers Street**

**CITY OF CLARKSTON**

**Section 647—Traffic Signal Installation**

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*Add the following to Section 647:*

**647.3.05**

**Lighted Street Name Sign Assembly Installation**

Install the Internally Illuminated Street Sign Assembly according to the design plans and detail drawings. Install the following items as indicated:

**1. Sign Installation**

Install the lighted street name signs on the mast arm or span wire as shown in the plans with brackets. Make field adjustments to the locations shown in the Plans only with the Engineer's approval.

The sign shall be installed with either an under-hang mount, single sided fixed mount or under span wire as shown in the detail.

**2. Electrical Cable**

Use 7-conductor #14 AWG cable in compliance with [Section 925](#). Terminate the used conductors as indicated on the wiring detail. On the cabinet end bond the unused conductors to the cabinet ground. At the photocell and sign end wrap the unused conductors with electrical tape. Terminate the cable at the sign according to the sign manufacture instructions. Terminate the cables at the termination panel inside the signal controller cabinet as shown in detail. Terminate the cable to the photo cell on the terminal strip as shown in detail.

**3. Lighted Street Name Sign Termination Panel**

Route wiring and cabling to avoid sharp edges and avoid conflicts with other equipment and cables inside the signal controller cabinet. Use #14 AWG stranded for all conductors unless indicated otherwise. Install wiring as shown in the lighted street sign wiring detail. Neatly arrange all wiring, tie-wrap into bundle and secure the wiring with mechanical (non-adhesive) fasteners. Terminate all wiring on terminal blocks, buss bar or to the ground system. Do not splice wiring or cables.

**4. Lighted Street Name Sign Surge Protector**

Protect the PDA from over voltage surges entering the controller cabinet from the lighted street name signs and photocell by a surge suppression device as indicated. Use a minimum #14 AWG grounding for the surge suppression device indicated. Use insulated green wire ground wire and connect directly to the ground buss bar. Do not "daisy chain" the ground wire. Dress and route ground wire away from other equipment and other wiring. Make the grounding wire as short as possible and avoid sharp turns.

**5. Termination Panel Mechanical Fasteners**

Secure components on the DIN rail with end brackets. Secure the DIN rail to the Lighted Street Name Sign Termination Panel and the Lighted Street Name Sign Termination Panel to the controller cabinet with hex or Phillips head 12-24 stainless machine screws. Fasteners shall be fully accessible within the controller cabinet and all components shall be removable without requiring removal of other components, panels or mounting rails in the cabinet.

**6. Photocell Mounting**

Mount the photocell and junction box as indicated on the lighted street name sign photocell mounting details. Mount the photocell on a weatherproof junction box with the photocell and box facing north. Rout the cable inside the pole unless otherwise indicated. Mount the photocell junction box on a mounting strut with two fasteners as indicated and strap the mounting strut to the pole with stainless steel mounting straps. Terminate the photocell in a terminal strip in the photocell junction box. Terminate the 7-conductor cable to the terminal strip. Terminate the colored wires as indicated. Route the photo cell cables inside the pole unless indicated otherwise. Use heat-cured, powder coating for the photocell junction box and mounting strut to match the pole color. Bare aluminum shall be used for unpainted poles.

**647.1 Measurement**

**647.1.01 General**

Traffic signal items complete, in place, and accepted of the kind, size, and type specified are measured as follows:

**Lighted Street Name Signs**

Lighted street name sign installation will be paid for by the actual quantities installed and accepted

**Lighted Street Name Sign Control Assembly**

Lighted street name sign control assembly will be paid for by the actual quantities installed and accepted. One control assembly per intersection shall be installed. The assembly shall include the photo cell, termination panel, cabling, and other necessary mounting materials.

**647.1.02 Limits**

General Provisions 101 through 150.

**647.2 Payment**

**647.2.01 General**

Payment will be made under:

Item No. 647 –Illuminated Street Sign	Per each
Item No 647 – Illuminated Street Sign control assembly	Per each

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**SPECIAL PROVISION**

**SPLOST 4 - North Indian Creek Drive  
from Church Street to Rodgers Street**

**CITY OF CLARKSTON**

**Section 925—Traffic Signal Equipment**

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*Add the following to Section 925:*

**925.2.51 Illuminated Street Name Sign Assembly**

**A. Requirements**

This specification covers the materials to provide and install for illuminated street name sign assembly as indicated in the plans and details. The assembly shall include the illuminated street name signs, the termination panel sub-assembly, the photo cell sub-assembly, and other materials necessary for the sign operation.

1. Illuminated Street Name Signs

a. Mechanical

- The outer dimensions of the sign assembly (excluding the mounting bosses) shall be standard height of 18 inches (45.7 cm), and standard widths of 48 – 96 inches (46.7 to 244 cm) , at 6 inch (15.2 cm) increments.
- The maximum thickness of the sign shall be 1.5 inches (3.81 cm) for single sided signs, and 2 inches (5 cm) for double-sided signs, excluding the end caps.
- The long edges of the sign shall be made from a single section of Aluminum extrusion. The ends caps shall be affixed to the frame with stainless screws. The end caps shall be removable to enable replacing panels and components.
- The overall weight, excluding mounting hardware, shall not exceed 7 pounds per square foot for single sided signs, and 8 pounds per square foot for double sided signs.
- The sign shall have a polycarbonate panel that is UV, weather, abrasion and impact resistant. The front panel shall be replaceable so that maintaining agencies have the option to supply their own sheeting and cut film for the sign faces.
- Sign frames shall be in green color as approved by the Engineer.

b. Environmental

- The sign shall be designed and constructed to withstand 110 mph wind loads in conformance with the requirements of the AASHTO publication, "Standard Specifications for Structural Supports of Highway Signs, Luminaries and Traffic Signals", 4th Edition 2001.
- The sign and power supply should be able to withstand and operate at temperature extremes of -40 deg F to +140 deg F (-40 C to 60 C).

c. Luminance

- The entire surface of the sign panel must be evenly illuminated with a minimum average brightness reading at the letters of 300 lux and a variation of no more than 40% between maximum and minimum.
- The light transmission factor of the sign panel must provide a letter to background ratio of a minimum of 4:1.

d. Light Source

- The light source for the sign shall be LEDs (light emitting diodes). LEDs shall be mounted along both the top and bottom edges of the sign. The LEDs shall evenly illuminate a light panel that is the same dimensions of the sign face.
- The LEDs shall have a minimum projected life of 50,000 hours.

e. Sign Power Supply

The power supply shall be housed inside at end cap, and shall be accessible. Power supply shall be UL Class 2 limited output voltage and current plus isolation for safe operation, and UL Outdoor damp location rated. Power supply shall be IP66 Outdoor Rated. Sign shall be UL listed and approved.

f. Energy Requirements

The overall power required shall not exceed 4 Watts per square foot.

2. Photo Cell Sub-Assembly

a. Photocell

- Mechanical
  - The case shall be constructed of Lexan® and shall be UV stabilized to screen out ultraviolet rays.
  - The sensor head shall have a swivel base which can swing through 180°.
  - The sensor shall be mounted in a 1/2 inch knock-out or in a 7/8 inch opening with a gasket.
- Electrical
  - The operational voltage 120 Vac.
  - Sensor shall use a cadmium sulphide light sensing element.
  - The output contacts shall be normally closed (on) between dusk and dawn..
  - The normal failure mode is to fail in the closed (on) position.
  - The control wiring shall be 2C # 16 AWG.
  - The control wiring color code is:
    - Power in (Line) – Black,
    - Common ( Neutral) – White
    - Output - Red.
- Environmental
  - Operate over temperatures of –40° to +140° F (-40 to 60 C).
  - Water tight

b. Junction Box

- Mechanical
  - The junction box size shall be nominally 6”X6”X4” (15 cm X 15 cm X 10.1 cm)\_
  - The junction box shall have a NEMA 3R rating.
  - The junction box shall be constructed of #16 carbon steel .
  - The junction box shall have a drip shield top and smooth seamless front and sides.
  - There shall be a strain relief clamp sized for 7C #14 AWG cable in the junction box.
  - Drill as indicated in detail.
- Electrical
  - The terminal block inside the junction box shall have a minimum of two terminals.
  - The terminal block shall have two mounting screws.
  - The terminal block shall have a metallic wire protector to physically isolate the conductors from the terminal screws.
  - The terminal block shall for size 18 to 10 AWG.
  - The terminal block shall be UL rated for 600V, 10 amps.

c. Mounting Strut and Strap

- Mechanical
  - The size of the mounting strut shall be 3” X 1.5”X 1/4” (7.62 cm X 3.81 cm X .635 cm)
  - The mounting strut shall be made of aluminum.
  - The mounting strap shall be 1/2 inch, stainless steel.
  - Paint mounting strut to match junction box.
  - Drill and tap as indicated in detail

- Mount junction box to mounting strut with ¼ x 20 -1 inch bolts, flat washer and ¼ inch stand off spacer.
3. Illuminated Street Name Sign Termination Panel Sub-Assembly
- a. Termination Panel
    - Mechanical
      - The panel shall be made of aluminum
      - The nominal thickness shall be .125” (3.28 mm)
      - Drill and bend as indicated.
  - b. Circuit Breaker - Thermal Magnetic Circuit Breaker (TMCP)
    - Electrical
      - The nominal rated trip current shall be 5 A
      - The nominal voltage rating shall be 120 VAC.
    - Mechanical
      - The device shall mount on standard 35 mm DIN rail
      - The circuit breaker or the circuit breaker’s terminal block must be mounted on a standard 35 mm DIN rail.
      - The maximum width of the device is 13 mm (5.12 inch).
      - The circuit breaker can be reset after tripping.
      - The device shall accept #14 AWG wire.
    - Environmental

The circuit breaker shall operate as specified within the temperature range of -34 to 165 F (-34 to 92 degree C)
  - c. Over Voltage Surge Protector
    - Electrical
      - The nominal voltage rating shall be 120VAC .
      - The device shall be rated for 20 A.
      - The device shall be rated to sink a minimum discharge surge current for 10 kA when tested with the IEEE C62.41. 8/20 micro second wave form.
      - The over voltage protection level shall meet UL 1449 (6 kV, 500A) (L-N) 500 V.
    - Mechanical
      - The device shall mount on standard 35 mm DIN rail.
      - The maximum width of the device is 18 mm.
      - The device shall accept #14 AWG wire.
    - Environmental

Operating Temperature -13F to 185 F (-25 to 85 degree C)
  - d. Terminal Blocks
    - Electrical
      - The maximum nominal voltage rating is 600 V
      - The surge voltage rating is 8 kV
      - The terminal block is rated for a maximum load capacity of 20 A.
    - Mechanical
      - Mount on standard 35 mm DIN rail.
      - The maximum width of the device is 5.2 mm (2.05 inches).
      - The device shall accept #12 AWG wire.
      - The device shall accept dual strip jumpers to connect adjacent terminal blocks together.
      - The terminal blocks shall be provided in the following colors:
        - Black
        - White
    - Environmental

The device shall be UL74 VO inflammability rating.
  - e. Ground Terminal Block
    - Electrical



- The maximum nominal voltage rating is 600 V
  - The surge voltage rating is 8 kV
  - The terminal block is rated for a maximum load capacity of 20 A.
  - Mechanical
    - Mount on standard 35 mm DIN rail.
    - The maximum width of the device is 5.2 mm (2.05 inches)..
    - The device shall accept #12 AWG wire.
    - The device shall accept dual strip jumpers to connect adjacent terminal blocks together.
    - The terminal blocks shall be in green.
  - Environmental
    - Inflammability class UL74 VO
- f. DIN Terminal Strip End Covers  
Provide end covers to match the terminal blocks provided under this specification.
- g. DIN Terminal Strip Jumpers
- Push in center jumper compatible with terminal strip provided.
  - Provide space jumpers as indicated in detail.
- h. DIN Terminal Strip Spacer
- Match terminal strip provided.
- i. DIN Rail
- Electrical  
The current rating is 65 A (Ground current).
  - Mechanical
    - The width is 35 mm (1.38 inch)
    - The height is 7.5 mm (3 inch)
    - The length is 1 m. The actual rail shall be cut indicated.
    - The material shall be steel.
    - The rail shall be zinc electroplated with yellow chromate passivation.
    - The rail shall be in accordance with CENELEC EN50022 DIN Standard 46277/3.

**B. Fabrication**

General Provisions 101 through 150.

**C. Acceptance**

General Provisions 101 through 150.

**D. Materials Warranty**

1. Refer to Subsection 925.2.D for Materials Warranties.