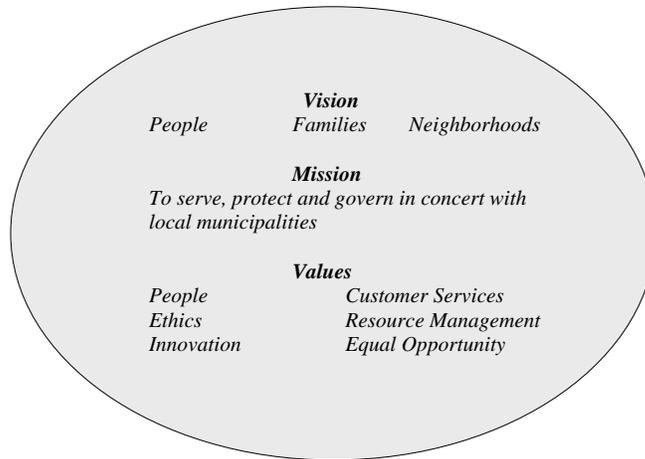




FULTON COUNTY



REQUEST FOR INVITATION TO BID NO. 09ITB68384A-CJC

Traffic Control Center (TCC) System

For

Public Works

BID DUE DATE AND TIME: Thursday, July 16, 2009 at 11:00 A.M.

BID ISSUANCE DATE: June 8, 2009

PURCHASING CONTACT: Charlie Crockett, CPPB, Assistant Purchasing Agent

E-MAIL: charlie.crockett@fultoncountyga.gov

**LOCATION: FULTON COUNTY DEPARTMENT OF PURCHASING &
CONTRACT COMPLIANCE
130 PEACHTREE STREET, S.W., SUITE 1168
ATLANTA, GA 30303**

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**INVITATION TO BID
09ITB68384A-CJC, TCC System
FULTON COUNTY GOVERNMENT**

SECTION 1 - INSTRUCTIONS TO BIDDERS

Fulton County Government ("County") invites sealed bids for 09ITB68384A-CJC, TCC System

1. GENERAL INFORMATION

- a. **Purchasing the Bid Document:** This document and supporting documents can be downloaded at the Fulton County Website <http://www.co.fulton.ga.us> under "Bid Opportunities".
- b. **The Bid package consists of the following scope of work:** This project is to provide all necessary equipment, installation and support to implement a turn-key, automated, secured data management system along eight (8) intersections on Cascade Rd. between Shanter Trail and Danforth Road. The detailed scope of work and technical specifications are outlined in Section 5 of this bid document.
- c. The term "Bid Documents" denotes all contract documents, notices, instructions and letters issued by the County's Purchasing Director in connection with this procurement.
- d. **Bid Contact:** Information regarding the bid, either procedural or technical, may be obtained by contacting **Charlie Crockett, CPPB, Assistant Purchasing Agent** at (404) 612-5807 or e-mail charlie.crockett@fultoncountyga.gov Information regarding the bid requirements may be obtained by using the following procedure. Inquiries must be submitted in writing to:

Fulton County Purchasing Department
Attn: Charlie Crockett, CPPB, Assistant Purchasing Agent
130 Peachtree Street, S.W. Suite 1168
Atlanta, GA 30303
Phone: (404) 612-5807
Fax: (404) 893-1737
Reference Bid # 09ITB68384A-CJC

2. PRE-BID CONFERENCE

A pre-bid conference will be held on **Thursday, June 18, 2009 at 2:00pm** Fulton County Purchasing Department Bid Room, located at 130 Peachtree Street, S.W. Suite 1168, Atlanta, Georgia 30303. ***Inquiries regarding the solicitation either technical or otherwise may be submitted in writing prior to the pre-bid conference and will be addressed at the pre-bid conference.*** Any additional questions asked at the pre-bid conference must be submitted in written form at the pre-bid conference and will be responded to in the form of an addendum with the County's official responses.

The Pre-bid conference will be conducted for the purpose of explaining the County's bid process, the specifications/technical documents, and to provide and initial verbal, non-binding verbal response to questions concerning these bid specifications and to discuss issues from the bidders perspective. However, no verbal response provided at the pre-bid conference binds the County. Only those responses to written and responded to by the County in written communications will be official.

3. **SITE VISIT:** There will be no site visit for this project.

4. **PREPARATION AND SUBMISSION OF BIDS**

Bid forms must be filed in accordance with the following instructions:

a. Bidders shall **SUBMIT ONE (1) ORIGINAL, SIGNED AND DATED, AND TWO (2) COPIES** on the forms provided in the Bid Documents. All Bids must be made on the Bid forms contained herein. All blank spaces must be typed on hand written in blue ink. All dollar amounts must be BOTH in writing and figures and represent prices for the published scope of work without exceptions. Written prices prevail over number prices in the event of error. All corrections to any entry must be lined out and initialed by the Bidder. Please do not use correction tapes or fluids. **Indicate all addenda incorporated in the Bid.** Bids shall be signed by hand by an officer of principal of the Bidder with the authority to make a Contract.

Bids by joint ventures, consortia, associations or partnerships shall designate one single participant to represent all those forming the bidding entity. Bids shall be signed by a duly authorized representative of the bidding entity and evidence of the Signatory's authority signed by and listing the full names and addresses of all participants in the bidding entity shall be attached to the Bid submittal.

b. Bids must be sealed and clearly marked identifying the following information:

1. Bidder's Name/Company Name and Address.
2. Bids shall be addressed to:

**Department of Purchasing
Fulton County Public Safety Building
130 Peachtree Street, S.W.
Suite 1168
Atlanta, Georgia 30303-3459**

RE: 09ITB68384A-CJC, TCC System

5. **BIDDER'S MODIFICATION AND WITHDRAWAL OF BIDS:** A Bidder may modify or withdraw its bid by written request, provided that the request is received by the County prior to the bid due date and time at the address to which bids are to be submitted. Provided further, that in case of an electronic request (i.e. facsimile, e-mail, etc.) a written confirmation thereof over the authorized signature of the Bidder must be received by the County at the address to which original Bids are to be submitted within three (3) calendar days after issue of the electronic message. Following withdrawal of its bid, the Bidder may submit a new, providing delivery is affected prior to the established bid opening date and time. **No bid may be withdrawn after bid due date for sixty (60) calendar days.**

6. **ADDENDA AND INTERPRETATIONS:** No interpretations of the meaning of the Drawings, Specifications or other pre-bid documents will be made to any Bidder orally. Bidders requiring clarification or interpretation of the Bidding Documents shall make a request to **Charlie Crockett** no later than 2:00 PM, **Friday, July 3, 2009**. Written requests for clarification or interpretation may be mailed, hand delivered, e-mailed or faxed to the Bid Contact listed in Section 1(d). Telephone inquiries will not be accepted.

Only communications from firms that are in writing and signed will be recognized by the County as duly authorized expressions on behalf of proposers/bidders. Any and all such interpretations and any supplemental instructions will be in the form of written Addenda to the Specifications which, and if any addenda are issued to this Invitation to Bid.

7. **REQUIRED SUBMITTALS:** The bidder **must complete and execute** the following:

1. Bid Form
2. Bid Schedule (*not applicable*)
3. Bid Bond (*not applicable*)
4. Certification of Acceptance of Bid/Proposal Requirements
5. Corporate or Partnership Certificate
6. Non-Collusion Affidavit of Prime Bidder
7. Non-Collusion Affidavit of Subcontractor
8. Contract Compliance Forms, fully executed
 - a. Promise of Non-Discrimination (Exhibit A)
 - b. Employment Report (Exhibit B)
 - c. Schedule of Intended Subcontractor Utilization (Exhibit C)
 - d. Letter of Intent to Perform As a Subcontractor or Provide Materials or Services (Exhibit D)
 - e. Declaration Regarding subcontractor Practices (Exhibit E)
 - f. Joint Venture Disclosure Affidavit (Exhibit F)
 - g. Equal Business Opportunity (EBO) Plan

Any bids received after the stated time and date shall not be considered. It shall be the sole responsibility of the bidder to have his/her bid delivered to the Fulton County Department of Purchasing for receipt on or before the stated time and date (section 00020). If a bid is sent by U.S. Mail, the bidder shall be responsible for its timely delivery to the Purchasing Department. Bids delayed by mail will not be considered, shall not be opened, and arrangements shall be made for their return at the bidder's request and expense.

8. **TERM OF CONTRACT:**

Any award made as a result of this bid shall be for 1 year from date of contract execution. The County reserves the right for an option of two (2) 1 year renewal periods pending approval by the Board of Commissioners, vendor's satisfactory performance and the availability of departmental appropriated funding.

9. **NO CONTACT PROVISION:**

It is the policy of Fulton County that the evaluation and award process for County contracts shall be free from both actual and perceived impropriety, and that contacts between potential vendors and County officials, elected officials and staff regarding pending awards of County contracts shall be prohibited.

- A. No person, firm, or business entity, however situated or composed, obtaining a copy of or responding to this solicitation, shall initiate or continue any verbal or written communication regarding this solicitation with any County officer, elected official, employee, or designated County representative, between the date of the issuance of this solicitation and the date of the County Manager's recommendation to the Board of Commissioners for award of the subject contract, except as may otherwise be specifically authorized and permitted by the terms and conditions of this solicitation.
- B. All verbal and written communications initiated by such person, firm, or entity regarding this solicitation, if same are authorized and permitted by the terms and conditions of this solicitation, shall be directed to the Purchasing Agent.
- C. Any violation of this prohibition of the initiation or continuation of verbal or written communications with County officers, elected officials, employees, or designated

County representatives shall result in a written finding by the Purchasing Agent that the submitted Bid or proposal of the person, firm, or entity in violation is “non-responsive”, and same shall not be considered for award.

10. **RIGHT TO REJECT BIDS:** The County reserves the right to reject any or all bids and to waive informalities. No bids will be received after the time set for opening bids. Any unauthorized conditions, limitations or provisions attached to the Bid, except as provided herein, will render it informal and may cause its rejection. Unbalanced bids will be subject to rejection. Any bidder may withdraw his/her bid, either personally or by telegraphic or written request, at any time prior to the scheduled closing time for receipt of bids. Telegraphic or written requests for withdrawal must be in the possession of the County prior to the closing time for receipt of bids.
11. **APPLICABLE LAWS:** All applicable laws and regulations of the State of Georgia and ordinances and regulations of Fulton County shall apply. Protestors shall seek resolution of their complaints in the manner provided in the Fulton County Code of Laws §2-324, which is incorporated by reference herein.
12. **EXAMINATION OF CONTRACT DOCUMENTS:** Prospective bidders shall examine the contract documents and before submitting a bid, shall make a written request to the County for an interpretation or correction of any ambiguity, in consistency or error therein which could be discovered by a bidder. At the bid opening each bidder shall be presumed to have read and be familiar with the contract documents.
13. **TERMINATION:** The County may terminate the contract resulting from this solicitation at any time the vendor fails to carry out the contract provisions, if in the opinion of the County, the performance of the contract is unreasonably delayed, or the vendor is in direct violation of the contract conditions. The County shall provide the vendor with notice of any conditions which violate or endanger the performance of the contract and, if after such notice the contractor fails to remedy such conditions within thirty (30) days, to the satisfaction of the County, the County may exercise their option in writing to terminate the Contract without further notice to the Contractor and order the Contractor to stop work immediately and vacate the premises. Vendor agrees by its bid submission that the County’s decision is final and valid.
14. **INSURANCE AND RISK MANAGEMENT PROVISIONS:** Insurance and Risk Management Provisions and Indemnification and Hold Harmless provisions are outlined in Section 6 of this bid document. The bidder is required to sign the document and include it with its bid submission.
15. **WAGE CLAUSE:** Pursuant to Fulton County Code section 102-391, Each Contractor shall agree that in the performance of the Contract he will comply with all lawful agreements, if any, which the Contractor had made with any association, union, or other entity, with respect to wages, salaries, and working conditions, so as not to cause inconvenience, picketing, or work stoppage.
16. **BID OPENING:** Bids will be opened in public and read aloud. All bidders are requested to be present at the opening.
17. **DETERMINATION OF SUCCESSFUL BIDDER:** Fulton County desires to complete this work in a timely manner. The Contract will be awarded to the lowest responsive, responsible bidder(s), if awarded.
 - 1) **Responsibility:** The determination of the bidder’s responsibility will be made by the County based on whether the bidder meets the following minimum requirements:

- a) The County reserves the right to reject any bid if the evidence submitted by, or investigation of, the bidder fails to satisfy the County that he/she is properly qualified to carry out the obligations of the Contract.
- b) Maintains a permanent place of business individually or in conjunction with the prime contractor.
- c) Has the appropriate and adequate technical experience. Designated Project Manager must be proficient in all aspects of contracted work.
- d) Has adequate personnel and equipment to do the work expeditiously.
- e) Has suitable financial means to meet obligations incidental to the work.

2) **Responsiveness:** The determination of responsiveness will be made by the County based on a consideration of whether the bidder has submitted a complete Bid form without irregularities, excisions, special conditions, or alternative bids for any item unless specifically requested in the Bid form.

18. NOTICE OF AWARD OF CONTRACT: As soon as possible, and within sixty (60) days after receipt of bids, the County shall notify the successful Bidder of the Award of Contract.

The award shall be made by the Board of Commissioners of Fulton County to the lowest responsive, responsible bidder(s) as soon as possible after receipt of bids, taking into consideration price and the responsiveness to the requirements set forth in the Invitation for Bid. In such case, no claim shall be made by the selected Contractor(s) for loss of profit if the contract is not awarded or awarded for less work than is indicated and for less than the amount of his bid. The total of the awarded contract shall not exceed the available funds allocated for this project.

Should the County require additional time to award the contract, the time may be extended by mutual agreement between the County and the successful bidder. If an Award of Contract has not been made within sixty (60) days from the bid date or within the extension mutually agreed upon, the Bidder may withdraw the Bid without further liability on the part of either party.

Any award made by the Board of Commissioners as a result of this bid will begin from the date of the notice to proceed. The Bidder agrees hereby to commence work under this Contract, with adequate personnel and equipment, on a date to be specified in a written order of the Program Manager. The contract shall become effective on the Contract Date and shall continue in effect until the end of the term of the contract or until the project has been closed-out by the User Department unless earlier terminated pursuant to the termination provisions of the contract.

19. BASIS OF AWARD: The Contract, if awarded, will be awarded on a lump sum basis to the lowest responsive and responsible bidder. No bid may be withdrawn for a period of sixty (60) days after the date of bid opening except as permitted by O.C.G.A., §36-91-41 et seq., as amended. Each Bid must be accompanied by a Bid Bond in accordance with the Bid Bond Requirements provided in the Contract Documents, on a Surety Company's Standard Bid Bond Form acceptable to the County in an amount no less than 5% of the amount bid. The successful bidder will be required to furnish a Performance Bond and Payment Bond, **on or before** the issuance of Notice to Proceed, each in the amount of 100% of the Contract Amount. All other required Contract Documents must be fully completed and executed by the Contractor and his/her Surety, and submitted to the Owner **on or before** the issuance of the Notice to Proceed.

20. EXECUTION OF CONTRACT DOCUMENTS: Upon notification of Award of Contract, the County shall furnish the Contractor the conformed copies of Contract Documents for execution by the Contractor and Contractor's surety.

Within fifteen (15) days after receipt the Contractor shall return all the documents properly executed by the Contractor and the Contractor's surety. Attached to each document shall be an original power-of-attorney for the person executing the bonds for the surety and certificates of insurance for the required insurance coverage.

After receipt of the documents executed by the Contractor and his surety with the power-of-attorney and certificates of insurance, the County shall complete the execution of the documents. Distribution of the completed documents will be made upon completion.

Should the contractor and/or surety fail to execute the documents within the time specified, the County shall have the right to proceed on the Bid Bond accompanying the bid.

If the County fails to execute the documents within the time limit specified, the Contractor shall have the right to withdraw the Contractor's bid without penalty.

Should an extension of any of the time limits stated above be required, this shall be done only by mutual agreement between both parties.

Any agreement or contract resulting from the acceptance of a bid shall be on a County approved document form. The County reserves the right to reject any agreement that does not conform to the Invitation for Bid and any County requirements for agreements and contracts. The County reserves the right to modify the agreement resulting from this bid upon the recommendation of the County Attorney.

21. **JOINT VENTURE:** Any Bidder intending to respond to this solicitation as a joint venture must submit an executed joint venture agreement with its offer. The agreement must designate those persons or entities authorized to execute documents or otherwise bind the joint venture in all transactions with Fulton County, or accompanied by a document, binding upon the joint venture and its constituent members, making such designation. Offers from joint ventures that do not include these documents will be rejected as being non-responsive.
22. **CONTRACTORS COMPLIANCE WITH ALL ASSURANCES AND/OR PROMISES MADE IN RESPONSE TO PROCUREMENT:** Should any Bidder submit a response to the County promising to provide a certain level of service for either the scope of work, MFBE participation, or any other matter, including where such promise or assurance is greater than what is required by the procurement documents, and should this response containing the promise or assurance be accepted by the County and made a part of the Contract Documents, then this degree or level of service promised by the bidder relating to the scope of work, MFBE participation, or other matter shall be considered to be a material part of the Agreement between the bidder and the County, such that the bidder's failure to provide the agreed upon degree or level of service or participation shall be a material breach of the Agreement giving the County just cause to terminate the Agreement for cause, pursuant to the General Conditions of the Agreement.
23. **MINIMUM PARTICIPATION OF REQUIREMENTS FOR PRIME CONTRACTORS**
Pursuant to Fulton Code section 102-357, the prime contractor or vendor for this project or contract actually perform no less than 51% of the scope of work of the prime contract.

Construction contracts are exempt from the requirements of this section.

25. **GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT**

- (1) Effective as of July 1, 2007, and pursuant to O.C.G.A. 13-10-91, every public employer, every contractor of a public employer, and every subcontractor of a public employer's contractor must register and participate in a federal work authorization program as follows:
- (a) No public employer shall enter into a contract for the physical performance of services within this state unless the contractor registers and participates in a federal work authorization program to verify the work eligibility information all new employees.
 - (b) No contractor or subcontractor who enters into a contract with a public employer shall enter into such a contract or subcontract in connection with the physical performance of services within this state unless such contractor or subcontractor registers and participates in a federal work authorization program to verify the work eligibility information of all new employees.
- (2) In accordance with O.C.G.A. 13-10-91, the requirements of paragraphs (a) and (b) of paragraph (1) shall apply to public employers, their contractors and subcontractors, as follows:
- (a) On or after July 1, 2007, to public employers, contractors, or subcontractors of 500 or more employees;
 - (b) On or after July 1, 2008, to public employers, contractors or subcontractors of 100 or more employees; and
 - (c) On or after July 1, 2009, to all other public employers, their contractors, or subcontractors.

See Section 00420, Purchasing Forms & Instructions for declarations and affidavits.

26. PROFESSIONAL LICENSES (NON-APPLICABLE)

The State of Georgia requires that the following professions are required by state law to be licensed:

1. Electricians
2. Plumbers
3. Conditioned Air Contractors
4. Low voltage Contractors

Bidders and any sub-contractors performing any of the above described work must provide a copy of their license for the work they will perform on this project. Bidders must complete Form C: Georgia Professional License Certification in Section 3, Purchasing Forms & Instructions. Failure to provide the required license may deem your bid non-responsive.

27. Bid General Requirements

The following information pertains to the submission of a Bid to Fulton County, and contains instructions on how Bids must be presented in order to be considered. Listed below are the requirements for all Bidders interested in doing business with Fulton County.

- A. The Bid sheets included in this Invitation to Bid ("Bid") must be fully completed and returned with the Bid unless otherwise specified in writing by the Purchasing Department. Type or neatly print the date, company name, and the full legal name and title of the person(s) signing the Bid in the place provided at the bottom of each Bid sheet. Any additional sheets submitted must contain the same signature and Bidder information.
- B. All signatures must be executed by person(s) having contracting authority for the Bidder.
- C. Absolutely no fax Bids or reproduction Bids will be accepted, except that photocopies may be submitted in addition to the original when multiple copies of the Bid are specifically requested in the solicitation.
- D. The envelope in which the Bid response is submitted must be sealed and clearly labeled with the Bid number, project title, due date and time, and the name of the company or individual submitting the proposal. Bids must be received by the opening date and time shown on this Bid in order to be considered. The Purchasing Agent has no obligation to consider Bids which are not in properly marked envelopes. Contract Compliance submittals shall be submitted in a separate sealed envelope or package.
- E. The original and the required number of copies of the Bid must be returned to:

Fulton County Purchasing Agent
Fulton County Department of Purchasing and Contract Compliance
130 Peachtree Street, S.W., Suite 1168
Atlanta, Georgia 30303

Any inquiries, questions, clarifications or suggestions regarding this solicitation should be submitted in writing to the Purchasing Contact Person. Contact with any other County personnel in regard to a current solicitation is strictly prohibited in accordance with Fulton County "No Contact Provision" policy outlined in S35 and in Section 00020, Invitation to Bid.

- F. Show information and prices in the format requested. Prices are to be quoted F.O.B. Destination, and must include all costs chargeable to the Contractor executing the Contract, including taxes. Unless otherwise provided in the Contract, Fulton County shall have no liability for any cost not included in the price. The Contractor shall provide Fulton County the benefit through a reduction in price of any decrease in the Contractor's costs by reason of any tax exemption based upon Fulton County's status as a tax-exempt entity.
- G. All prices Bid must be audited by the Bidder to ensure correctness before the Bid is submitted. The Bidder is solely responsible for the accuracy of information placed on a Bid sheet, including prices. Clerical or mathematical error is insufficient to void a successful Bid but a Bidder may withdraw a sealed Bid prior to opening without a penalty.
- H. All prices must be submitted in the format requested and less all trade discounts. When multiple items are being Bid, Bidder must show both the unit price and the total

extended price for each item. When applicable, the Bidder must include an additional lump sum Bid for groups or items. In the event a Bidder is offering an additional discount on groups of items, Bidder must indicate the total lump sum Bid for the particular group of items before any extra discount, the amount of extra discount, and the net total for the particular group. In the event of an extension error, unit pricing shall prevail.

- I. By submitting a signed Bid, Bidder agrees to accept an award made as a result of that Bid under the terms and conditions spelled out in the Bid documents. In the event of a conflict between the different Bid documents, the County's cover Contract (if used) shall have precedence, followed in order by the Invitation to Bid, Purchase Order, Bid, Contractor's Warranty Agreement, Maintenance Agreement, and/or other Contractor provided agreements.
- J. A Bidder may submit only one (1) Bid response for each specific Bid solicitation unless otherwise authorized in the specifications.
- K. All prices submitted by the Bidder to Fulton County must be guaranteed by the authorized person(s) against any price increase for the time period designated in the Bid specifications, and Fulton County must be given the benefit of any price decrease occurring during such designated time period.
- L. All items Bid must be new. Used, rebuilt and refurbished items will not be considered unless specifically authorized by Fulton County in the written specifications.
- M. All Bidders must specify in the Bid response the earliest actual delivery date for each item unless otherwise specified in writing by Fulton County. The delivery date may be a factor in deciding the Bidder's capability to perform.
- N. A successful Bidder's delivery ticket(s) and invoice(s) must list each item separately and must show Fulton County's purchase order number as well as the proper department and address to which delivery was made, as listed on the purchase order or in the Bidder's contract with Fulton County.
- O. Unless clearly shown as "no substitute" or words to that effect, any items in this invitation to Bid 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 item Bid must be individually identified as to whether it is a specified item or an equivalent item by typing or printing after the item(s): The brand name; model or manufacturer's number, or identification regularly used in the trade. Deviations from the specifications must be clearly and fully listed on the Bid sheet, including photographs or cuts, specifications, and dimensions of the proposed "alternate". Fulton County is the sole judge of "exact equivalent", or "alternate". The factors to be considered are: function, design, materials, construction, workmanship, finishes, operating features, overall quality, local service facilities, warranty terms and service, and other relevant features of item(s) Bid.
- P. For all Bids, Fulton County reserves the right to request representative samples. If requested, samples must be delivered at the Bidder's cost within three (3) business days. Samples are submitted at the risk of the Bidder and may be subjected to

destructive tests by Fulton County. Samples must be plainly tagged with Fulton County's Bid number, item name, manufacturer, and the name of the Bidder.

- Q. Item(s) Bid must be complete and ready to operate. No obvious omissions of components or necessary parts shall be made even though the specifications may not detail or mention them. Unit(s) must be furnished with factory installed equipment and must be comparable with the basic form, fit, and functional requirements which are all to be included in the base price as well as any other equipment included as standard by the manufacturer or generally provided to the buying public.
- R. All successful Bidders must assume full responsibility for all item(s) damaged prior to F.O.B. Destination delivery and agree to hold harmless Fulton County of all responsibility for prosecuting damage claims.
- S. All successful Bidders must assume full responsibility for replacement of all defective or damaged goods within thirty (30) days of notice by Fulton County of such defect or damage.
- T. All successful Bidders must assume full responsibility for providing or ensuring warranty service on any and all items including goods, materials, or equipment provided to the County with warranty coverage. If a successful Bidder is not the manufacturer, all manufacturers' warranties must be passed through to Fulton County. The Bidder and not Fulton County is responsible for contacting the manufacturer of the warranty service provided during the warranty period and supervising the completion of the warranty service to the satisfaction of Fulton County.
- U. As a successful Bidder providing any equipment which requires fitting and assembly, the Bidder shall be solely responsible for such installation being performed by a manufacturer's authorized or approved servicer or an experienced worker, utilizing workmanship of the highest caliber. The Bidder must verify all dimensions at the site, shall be responsible for their correctness, and shall be responsible for the availability of replacement parts when specified in writing by Fulton County in the specifications, purchase order, or other contract.
- V. A successful Bidder is solely responsible for disposing of all wrappings, crating, and other disposable material upon deliver of item(s).
- W. All Bidders are required to be authorized distributors or regularly engaged in the sale or distribution of the type of goods, materials, equipment or services for which the Bidder is submitting a Bid response in addition, all Bidders are required to provide Fulton County with three (3) written references documenting the successful completion of Bids or contracts for the types of items including goods, materials, equipment, or services for which the Bidder is submitting a Bid response. In instances where a Bidder has never supplied such goods, material, equipment, or services before, the Bidder must submit with the Bid response a statement and supporting documentation demonstrating such expertise, knowledge, or experience to establish the Bidder as a responsible Bidder, capable of meeting the Bid requirements should an award be made. No exceptions to this provision will be made unless authorized in the Bid specifications.

- X. Bidders may be required to furnish evidence that they maintain permanent places of business of a type and nature compatible with their Bid proposal, and are in all respects competent and eligible vendors to fulfill the terms of the specifications. Fulton County may make such investigations as it deems necessary to determine the ability of the Bidder to perform such work, and reserves the right to reject any Bidder if evidence fails to indicate that the Bidder is qualified to carry out the obligation of the Contract and to complete the work satisfactorily.
- Y. All Bidders must comply with all Fulton County Purchasing laws, policies, and procedures, non-discrimination in contracting and procurement ordinances, and relevant state and federal laws including but not limited to compliance with EEOC hiring guidelines and requirements under the Americans with Disabilities Act. Successful Bidder must obtain all permits, licenses, and inspections as required and furnish all labor, materials, insurance, equipment, tools, supervision, and incidentals necessary to accomplish the work in these specifications.
- Z. If a successful Bidder is unable or unwilling to enter into a Contract with Fulton County subsequent to being granted an award, or who fails to perform in accordance with the Bid specifications the Bidder will be subject to damages and all other relief allowed by law.
- AA. Successful Bidders contract directly with Fulton County and are the party or parties obligated to perform. Contracts may not be assigned and any failure to perform the Contract in accordance with the specifications will constitute a breach of Contract and may result in a Bidder being found to be “non-responsive” in the future.
- BB. In case of default by the successful Bidder, Fulton County may procure the articles for services from another source and hold the successful Bidder responsible for any resulting excess cost.
- CC. The County may award any Bid in whole or in part to one or more vendors or reject all Bids and/or waive any technicalities if it is in the best interests of the County to do so. In the event that all Bids are not rejected, Bids for items including goods, materials, equipment, and services will be awarded to the lowest “responsible” Bidder(s) as determined by Fulton County. Submitting the lowest Bid, as published at the Bid opening, does not constitute an award or the mutual expectation of an award of a Contract and purchase order. For purposes of this notice and the attached Bid sheets, a purchase order is a Contract to provide items including goods, materials, equipment, and services and is intended to have the full force and effect of a Contract. A breach of the terms and conditions of a purchase order constitutes a breach of Contract.
- DD. Bids for projects that are solicited pursuant to the Georgia Local Government Public Works Construction Law (O.C.G.A. § 36-91-1 et seq.) may be withdrawn as follows:
 - a. Competitive sealed Bids (“Bid”) may not be revoked or withdrawn until 60 days after the time set by the governmental entity for opening of Bids. At the end of this time period, the Bid will cease to be valid, unless the Bidder provides written notice to the County prior to the scheduled expiration date that the Bid will be extended for a time period specified by the County.

- EE. In the evaluation of the Bids, any award will be subject to the Bid being:
- a. Compliant to the specification – meets form, fit, and function requirements stated or implied in the specification.
 - b. Lowest cost to the County over projected useful life.
 - c. Administratively Compliant – Including all required bonds, insurance, established quality of work and general reputation, financial responsibility, relevant experience, and related criteria.
- FF. All proposals and Bids submitted to Fulton County are subject to the Georgia “Open Records Act”, Official Code of Georgia, Annotated (O.C.G.A.) §50-18-70 et seq.
- GG. All proposals and Bids submitted to Fulton County involving Utility Contracting are subject to the Georgia law governing licensing of Utility Contractors, O.C.G.A. §43-14-8.2(h). The Utility Contractor License number of the person who will perform the utility work shall be written on the face of the Bid envelope.
- HH. The apparent silence of this specification, and any supplement thereto, as to details, of the omission from it of a detailed description concerning any point, will be regarded as meaning only the best commercial practices are to prevail. Only materials of the highest quality, correct type, size, and design are to be used. All interpretations of this specification will be made upon the basis of this statement, with Fulton County interpretation to prevail.
- II. It is the policy of Fulton County that the evaluation and award process for County contracts shall be free from both actual and perceived impropriety, and that contacts between potential vendors and County officials, elected officials and staff regarding pending awards of County contracts shall be prohibited.
- a. No person, firm, or business entity, however situated or composed, obtaining a copy of or responding to this solicitation, shall initiate or continue any verbal or written communication regarding this solicitation with any County officer, elected official, employee, or designated County representative, between the date of the issuance of this solicitation and the date of the County Manager’s recommendation to the Board of Commissioners for award of the subject contract, except as may otherwise be specifically authorized and permitted by the terms and conditions of this solicitation.
 - b. All verbal and written communications initiated by such person, firm, or entity regarding this solicitation, if same are authorized and permitted by the terms and conditions of this solicitation, shall be directed to the Purchasing Agent.
 - c. Any violation of this prohibition of the initiation or continuation of verbal or written communications with County officers, elected officials, employees, or designated County representatives shall result in a written finding by the Purchasing Agent that the submitted Bid or proposal of the person, firm, or entity in violation is “non-responsive”, and same shall not be considered for award.
- JJ. Any Bidder intending to respond to this solicitation as a Joint Venture must submit an executed Joint Venture Agreement with this Bid. This agreement must designate

those persons or entities authorized to execute documents or otherwise bind the Joint Venture in all transactions with Fulton County, or are accompanied by a document, binding upon the Joint Venture and its constituent members, making such designation. Bids from Joint Ventures that do not include these documents will be rejected as being “non-responsive”.

- KK. Any Bidder intending to respond to this solicitation must complete all of the Procurement Affidavit Forms provided in this solicitation. Bids that do not include these completed documents will be rejected as being “non-responsive”.

END OF SECTION

The following submittals shall be completed and submitted with each bid (see table below “Required Bid Submittal Check List.”). Please check to make sure that the required submittals are in the envelope before it is sealed. Failure to submit all required submittals may deem your proposal non-responsive.

Submit one (1) Original bid, signed and dated and ____ () complete copies of the Original Bid including all required documents.

Item #	Required Bid Submittal Check List	Check (✓)
1	Bid Form – submittal shall show amounts for both Base Bid and Alternate and shall be signed and sealed by the bidder. All dollar amounts must be Both in writing AND figures and represent prices for the published scope of work without exceptions.	
2	Acknowledgement of each Addendum	
3	Bid Bond (Non-Applicable)	
4	Purchasing Forms Form A - Non-Collusion Affidavit of Prime Bidder/Offeror Form B - Certificate of Acceptance of Request for Bid/Proposal Requirements Form C - Georgia Professional Licenses Form D - Certificate Regarding Debarment Form E - Disclosure Form & Questionnaire Form F - Declaration of Employee-Number Categories Form G - Georgia Security and Immigration Contractor Affidavit and Agreement Form H - Georgia Security and Immigration Subcontractor Affidavit	
5	Office of Contract Compliance Requirements Exhibit A - Promise of Non-Discrimination Exhibit B - Employment Record Exhibit C - Schedule of Intended Subcontractor Utilization Exhibit D - Letter of Intent to Perform as Subcontractor Exhibit E - Declaration Regarding Subcontractor Practices Exhibit F - Joint Venture Disclosure Affidavit Exhibit G - Prime Contractor/Subcontractor Utilization Report Equal Business Opportunity Plan (EBO Plan)	
6	Risk Management Insurance Provisions Form	
7	<u>Any additional requirements that the User Department would like to include should be added to this check list.</u>	

SECTION 2

PURCHASING FORMS & INSTRUCTIONS

This section contains the procurement forms that are required to be executed and submitted with the bid package. This section does not contain all forms required to be included with the bid package submittal.

To be deemed responsive to this ITB, Bidders must provide the information requested and complete in detail all Purchasing Forms. The appropriate individual(s) authorized to commit the Bidder to the Project must sign the Purchasing Forms. Bidders should reproduce each Purchasing Form, as required, and complete the appropriate portions of the forms provided in this section.

- Form A: Non-Collusion Affidavit of Prime Bidder
- Form B: Certificate of Acceptance of Request for Bid Requirements
- Form C: Certification Regarding Debarment
- Form D: Disclosure Form And Questionnaire
- Form E: Declaration of Employee-Number Categories
- Form F: Georgia Security and Immigration Contractor Affidavit and Agreement
- Form G: Georgia Security and immigration Sub-Contractor Affidavit

Form A

NON-COLLUSION AFFIDAVIT OF BIDDER

STATE OF GEORGIA

COUNTY OF FULTON

I, _____ certify that pursuant to Fulton County Code Section 2-320 (11), this bid is made without prior understanding, agreement or connection with any corporation, firm or person submitting a bid for the same work, labor or service to be done or the supplies, materials or equipment to be furnished 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 damages awards. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the Bidder.

Affiant further states that pursuant to O.C.G.A. Section 36-91-21 (d) and (e), _____ has not, by itself or with others, directly or indirectly, prevented or attempted to prevent competition in such bidding by any means whatsoever. Affiant further states that (s)he has not prevented or endeavored to prevent anyone from making a bid on the project by any means whatever, nor has Affiant caused or induced another to withdraw a bid for the work.

Affiant further states that the said offer of _____ is bona fide, and that no one has gone to any supplier and attempted to get such person or company to furnish the materials to the Bidder only, or if furnished to any other Bidder, that the material shall be at a higher price.

(COMPANY NAME)

(PRESIDENT/VICE PRESIDENT)

Sworn to and subscribed before me this _____ day of _____, 200__.

(SECRETARY/ASSISTANT SECRETARY)

(Affix corporate seal here, if a corporation)

Notary Public: _____

County: _____

Commission Expires: _____

NOTE:

IF THE OFFEROR IS A PARTNERSHIP, ALL OF THE PARTNERS AND ANY OFFICER, AGENT, OR OTHER PERSON WHO MAY HAVE REPRESENTED OR ACTED FOR THEM IN BIDDING FOR OR PROCURING THE CONTRACT SHALL ALSO MAKE THIS OATH.

IF THE OFFEROR IS A CORPORATION, ALL OFFICERS, AGENTS, OR OTHER PERSONS WHO MAY HAVE ACTED FOR OR REPRESENTED THE CORPORATION IN BIDDING FOR OR PROCURING THE CONTRACT SHALL MAKE THE OATH.

Form B

FULTON COUNTY CERTIFICATE OF ACCEPTANCE OF BID REQUIREMENTS

This Is To Certify That On This Day Bidder Acknowledges That He/She Has Read This Bid Document, Pages To _____ Inclusive, Including Addendum(s) ___ To ___, And/Or Appendices ___ To ___, In Its Entirety, And Agrees That No Pages Or Parts Of The Document Have Been Omitted, That He/She Understands, Accepts And Agrees To Fully Comply With The Requirements Therein, And That The Undersigned Is Authorized By The Bidding Company To Submit The Bid Herein And To Legally Obligate The Bidder Thereto.

Company: _____

Signature: _____

Name: _____

Title: _____

Date: _____

(Corporate Seal)

Form C

CERTIFICATION REGARDING DEBARMENT

- (1) The Offeror certifies that neither it or its Sub-Contractors is presently debarred, suspended, proposed for debarment, declared ineligible, or otherwise excluded from doing business with any government agency. Any such exclusion may cause prohibition of your firm from participating in any procurement by the Fulton County Government.
- (1) If the Offeror is unable to certify to any of the statements in this certification, such Offeror or Sub-Contractor shall attach an explanation to this bid.

INSTRUCTIONS FOR CERTIFICATION

By signing and submitting this certification, the Offeror is providing the certification set out below:

- (1) The certification in this clause is a material representation of fact upon which reliance will be placed. If it is later determined that the prospective vendor knowingly rendered a false certification, the Purchasing Agent may pursue all available remedies, including suspension and/or debarment, for withdrawal of award or termination of a contract.
- (2) The prospective Offeror shall provide immediate written notice to the Purchasing Agent if at anytime the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- (3) Offeror shall be under a continuing duty to immediately inform the Purchasing Agent in writing of any changes, if as a result of such changes, the Offeror certification regarding debarment is affected.

DEBARMENT ORDINANCE

The following Section 2-322 of Fulton County Code of Laws establishes the procedure for the debarment of Contractors.

(a) Authority to suspend.

After reasonable notice to the entity involved and reasonable opportunity for that entity to be heard, the Purchasing Agent, after consultation with user department, the County Manager and the County Attorney shall have the authority to suspend an entity for cause from consideration for award of county contracts. As used in this section, the term entity means any business entity, individual, firm, Contractor, Sub-Contractor or business corporation, partnership, limited liability corporation, firm, Contractor, Sub-Contractor or business structured; provided, further, that any such entity shall also be subject to suspension under this section if any of its constituents, members, Sub-Contractors at any tier of such entity's and the entity, or any constituent or member, knew or should have known of the commission of the act. The suspension shall be for a period not to exceed three (3) years unless cause is based on a felony conviction for an offense related or associated with fraudulent contracting or misappropriation of funds wherein the suspension shall not exceed seven (7) years.

(b) Causes for Suspension. The causes for suspension include:

- 1) Conviction for commission of a criminal offense as an incident to obtain or attempting to obtain a public or private contract or subcontract, or in performance of such contract or subcontract;

-
- 2) Conviction of State or Federal Statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property or other offense indicating a lack of business integrity or business honesty which currently, seriously and directly affects responsibility as a County Contractor.
 - 3) Conviction of State or Federal Anti-Trust Statutes arising out of the solicitation and submission of bids;
 - 4) Violation of contract provisions, as set forth below, of a character which is regarded by the Purchasing Agent to be so serious as to justify suspension action:
 - a. Failure to perform in accordance with the specifications within a time limit provided in a County contract;
 - b. A recent record of failure to perform or unsatisfactory performance in accordance with the terms of one or more contracts; provided, that failure to perform or unsatisfactory performance caused by acts beyond the control of the Contractor shall not be considered to be a basis for suspension;
 - c. Material representation of the composition of the ownership or workforce or business entity certified to the County as a Minority Business Enterprise; or
 - d. Falsification of any documents.
 - 5) For violation of the ethical standards set forth in Fulton County Code Chapter 9, Code of Ethics.
 - 6) Knowing misrepresentation to the County, of the use which a majority owned Contractor intends to make a Minority Business Enterprise (a business entity at least 51 percent of which is owned and controlled by minority persons, as defined in Fulton County Code Chapter 6, Article B, Minority Business Enterprise Affirmative Action Program and certified as such by the County) as a Sub-Contractor or a Joint Venture Partner, in performing work under contract with the County.

Failure to fully and truthfully provide the information required, may result in the disqualification of your bid from consideration or termination of the Contract, once awarded. This document must be completed and included as a part of the bid package along with other required documents.

[SIGNATURES ON NEXT PAGE]

Under penalty of perjury, I declare that I have examined this certification and all attachments hereto, if applicable, to the best of my knowledge and belief, and all statements contained hereto are true, correct, and complete.

On this _____ day of _____, 200_

(Legal Name of Offeror) (Date)

(Signature of Authorized Representative) (Date)

(Title)

Form D

DISCLOSURE FORM AND QUESTIONNAIRE

1. Please provide the names and business addresses of each of the Offeror's firm's officers and directors.

For the purposes of this form, the term "Offeror" means an entity that responds to a solicitation for a County contract by either submitting a proposal in response to a Request for Proposal or a Request for Qualification or a Bid in response to an Invitation to Bid.

Describe accurately, fully and completely, their respective relationships with said Offeror, including their ownership interests and their anticipated role in the management and operations of said Offeror.

2. Please describe the general development of said Offeror's business during the past five (5) years, or such shorter period of time that said Offeror has been in business.
3. Please state whether any employee, agent or representative of said Offeror who is or will be directly involved in the subject project has or had within the last five (5) years: (i) directly or indirectly had a business relationship with Fulton County; (ii) directly or indirectly received revenues from Fulton County; or (iii) directly or indirectly receives revenues from the result of conducting business on Fulton County property or pursuant to any contract with Fulton County. Please describe in detail any such relationship.

LITIGATION DISCLOSURE:

Failure to fully and truthfully disclose the information required, may result in the disqualification of your bid or proposal from consideration or termination of the Contract, once awarded.

1. Please state whether any of the following events have occurred in the last five (5) years with respect to said Offeror. If any answer is yes, explain fully the following:
- (a) Whether a petition under the Federal Bankruptcy Laws or State Insolvency Laws was filed by or against said Offeror, or a receiver fiscal agent or similar officer was appointed by a court for the business or property of said Offeror;
 - (b) Whether Offeror was subject of any order, judgment, or decree not subsequently reversed, suspended or vacated by any court of competent jurisdiction, permanently enjoining said Offeror from engaging in any type of business practice, or otherwise eliminating any type of business practice; and
 - (c) Whether said Offeror's business was the subject of any civil or criminal proceeding in which there was a final adjudication adverse to said Offeror, which directly arose from activities conducted by the business unit or corporate division of said Offeror which submitted a bid for the subject project. If so please explain.
2. Have you or any member of your firm or team to be assigned to this engagement ever been indicted or convicted of a criminal offense within the last five (5) years?

Circle One:

YES

NO

-
3. Have you or any member of your firm or team been terminated (for cause or otherwise) from any work being performed for Fulton County or any other Federal, State or Local Government?

Circle One: YES NO

4. Have you or any member of your firm or team been involved in any claim or litigation adverse to Fulton County or any other Federal, State or Local Government, or private entity during the last three (3) years?

Circle One: YES NO

5. Has any Offeror, member of Offeror's team, or officer of any of them (with respect to any matter involving the business practices or activities of his or her employer), been notified within the five (5) years preceding the date of this offer that any of them are the target of a criminal investigation, grand jury investigation, or civil enforcement proceeding?

Circle One: YES NO

If you have answered "YES" to any of the above questions, please indicate the name(s) of the person(s), the nature, and the status and/or outcome of the information, indictment, conviction, termination, claim or litigation, the name of the court and the file or reference number of the case, as applicable. Any such information should be provided on a separate page, attached to this form and submitted with your bid.

NOTE: If any response to any question set forth in this questionnaire has been disclosed in any other document, a response may be made by attaching a copy of such disclosure. (For example, said Offeror's most recent filings with the Securities and Exchange Commission ("SEC") may be provided if they are responsive to certain items within the questionnaire.) However, for purposes of clarity, Offeror should correlate its responses with the exhibits by identifying the exhibit and its relevant text.

Disclosures must specifically address, completely respond and comply with all information requested and fully answer all questions requested by Fulton County. Such disclosure must be submitted at the time of the bid submission and included as a part of the bid submitted for this project. Disclosure is required for Offerors, Joint Venture Partners and first-tier Sub-Contractors.

Failure to provide required disclosure, submit officially signed and notarized documents or respond to any and all information requested/required by Fulton County can result in the bid declared as non-responsive. This document must be completed and included as a part of the bid package along with other required documents.

[SIGNATURES ON NEXT PAGE]

Under penalty of perjury, I declare that I have examined this questionnaire and all attachments hereto, if applicable, to the best of my knowledge and belief, and all statements contained hereto are true, correct, and complete.

On this _____ day of _____, 200_

(Legal Name of Proponent) (Date)

(Signature of Authorized Representative) (Date)

(Title)

Sworn to and subscribed before me,

this _____ day of _____, 200_

(Notary Public) (Seal)

Commission Expires _____
(Date)

FORM E: DECLARATION OF EMPLOYEE-NUMBER CATEGORIES

Please affirmatively indicate by checking the appropriate box the employee-number category applicable to your company:

- 500 or more employees
- 100 or more employees
- Fewer than 100 employees

Company Name: _____

I certify that the above classification is true and correct.

Signed: _____

Printed: _____

Title: _____

Date: _____

FORM F: GEORGIA SECURITY AND IMMIGRATION CONTRACTOR AFFIDAVIT AND AGREEMENT

Instructions:

Contractors must attest to compliance with the requirements of O.C.G.A 13-10-91 and the Georgia Department of Labor Rule 300-10-01-.02 by executing the Contractor Affidavit provided. The affidavit should be executed by Contractors who have indicated on Form F, Declaration of Employee-Number Categories, that they have 500 or more employees.

STATE OF GEORGIA

COUNTY OF FULTON

FORM F: GEORGIA SECURITY AND IMMIGRATION 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 engaged in the physical performance of services under a contract with **[insert name of prime Contractor]** _____ on behalf of **Fulton County Government** has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

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

EEV/Basic Pilot Program* User Identification Number

BY: Authorized Officer of Agent
(Insert Subcontract Name)

Title of Authorized Officer or Agent of Sub-Contractor

Printed Name of Authorized Officer or Agent

Sworn to and subscribed before me this _____ day of _____, 200__.

Notary Public: _____

County: _____

Commission Expires: _____

NOTE:

* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the “EEV/Basic Pilot Program” operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

FORM G: GEORGIA SECURITY AND IMMIGRATION SUB-CONTRACTOR AFFIDAVIT

Instructions:

In the event that your company is awarded the contract for this project, and will be utilizing the services of any Sub-Contractor(s) in connection with the physical performance of services pursuant to this contract, the following affidavit must be completed by such Sub-Contractor(s). Your company must provide a copy of each such affidavit to Fulton County Government, Department of Purchasing & Contract Compliance with the bid submittal.

All Sub-Contractor affidavit(s) shall become a part of the contract and all Sub-Contractor(s) affidavits shall be maintained by your company and available for inspection by Fulton County Government at any time during the term of the contract. All Sub-Contractor(s) affidavit(s) shall become a part of any Contractor/Sub-Contractor agreement(s) entered into by your company.

STATE OF GEORGIA

COUNTY OF FULTON

**FORM G: GEORGIA SECURITY AND IMMIGRATION SUB-CONTRACTOR
AFFIDAVIT**

By executing this affidavit, the undersigned Sub-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 under a contract with **[insert name of prime Contractor]** _____ behalf of **Fulton County Government** has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

EEV/Basic Pilot Program* User Identification Number

BY: Authorized Officer of Agent
(Insert Subcontract Name)

Title of Authorized Officer or Agent of Sub-Contractor

Printed Name of Authorized Officer or Agent

Sworn to and subscribed before me this _____ day of _____, 200__.

Notary Public: _____

County: _____

Commission Expires: _____

NOTE:

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

END OF SECTION

SECTION 3

CONTRACT COMPLIANCE REQUIREMENTS

NON-DISCRIMINATION IN CONTRACTING AND PROCUREMENT

Policy Statement: It is the policy of Fulton County Government that discrimination against businesses by reason of the race, color, gender or national origin of the ownership of any such business is prohibited. Furthermore, it is the policy of the Board of Commissioners (“Board”) that Fulton County and all Vendors and Contractors doing business with Fulton County shall provide to all businesses the opportunity to participate in contracting and procurement paid, in whole or in part, with monetary appropriations of the Board. Similarly, it is the policy of the Board that the contracting and procurement practices of Fulton County should not implicate Fulton County as either an active or passive participant in the discriminatory practices engaged in by private Contractors seeking to obtain contracts with Fulton County.

Equal Business Opportunity Plan (EBO Plan): In addition to the proposal submission requirements, each Vendor **must** submit an Equal Business Opportunity Plan (EBO Plan) with their bid/proposal. The EBO Plan is designed to enhance the utilization of a particular racial, gender or ethnic group by a Bidder Contractor, or Vendor or by Fulton County. The respondent **must** outline a plan of action to encourage and achieve diversity and equality in the available procurement and contracting opportunities with *this solicitation*.

The EBO Plan **must** identify and include:

1. Potential opportunities within the scope of work of *this solicitation* that will allow for participation of racial, gender or ethnic groups.
2. Efforts that will be made by the Bidder to encourage and solicit minority and female business utilization in this solicitation.

Fulton County encourages Joint Ventures, Teaming, Partnering and Mentor-Protégé relationships with Minority and Female Businesses in an effort to achieve contracting and procurement diversity.

Prompt Payment: The Prime Contractor **must** certify in writing and **must** document on the Exhibit G Form (Prime Contractor/Sub-Contractor Utilization Report) that all Sub-Contractors, Sub-Consultants and Suppliers have been promptly paid for work and materials, (less any retainage by the Prime Contractor prior to receipt of any further progress payments). In the event the prime contractor is unable to pay Sub-Contractors, Sub-Consultants or Suppliers until it has received a progress payment from Fulton County, the Prime Contractor shall pay all Sub-Contractors, Sub-Consultants or Suppliers funds due from said progress payments within forty-eight (48) hours of receipt of payment from Fulton County. In no event shall a Sub-Contractor, Sub-Consultant or Supplier be paid later than fifteen (15) days as provided for by State Law.

REQUIRED FORMS AND EBO PLAN:

In order to be compliant with the intent and provisions of the Fulton County Non-Discrimination in Purchasing and Contracting Ordinance (99-0960), Bidders **must** submit the following completed documents. Failure to provide this information **shall** result in the bid being deemed non-responsive:

- **Exhibit A** - Promise of Non-Discrimination
- **Exhibit B** - Employment Report
- **Exhibit C** - Schedule of Intended Sub-Contractor Utilization
- **Exhibit D** - Letter of Intent to Perform As a Sub-Contractor or Provide Materials or Services
- **Exhibit E** - Declaration Regarding Sub-Contractor Practices
- **Exhibit F** - Joint Venture Disclosure Affidavit
- **Equal Business Opportunity Plan (EBO Plan)** – This document is not a form. It is a statement created by the Bidder on its company letter head addressing the EBO Plan requirements.

All Contract Compliance documents (Exhibits A – F and EBO Plan) are to be placed in a **separate sealed envelope** clearly marked “Contract Compliance”. The EBO Plan must be submitted on company letterhead. These documents are considered part of and should be submitted with the Technical Proposal.

The following document **must** be completed as instructed if awarded the bid:

- **Exhibit G** - Prime Contractor’s Sub-Contractor Utilization Report

EXHIBIT A – PROMISE OF NON-DISCRIMINATION

“Know all persons by these presents, that I/WE (_____),
Name

_____ Title Firm Name

Hereinafter “Company”), in consideration of the privilege to bid on or obtain contracts funded, in whole or in part, by Fulton County, hereby consent, covenant and agree as follows:

- 1) No person shall be excluded from participation in, denied the benefit of, or otherwise discriminated against on the basis of race, color, national origin or gender in connection with any bid submitted to Fulton County for the performance of any resulting there from,
- 2) That it is and shall be the policy of this Company to provide equal opportunity to all businesses seeking to contract or otherwise interested in contracting with this Company without regard to the race, color, gender or national origin of the ownership of this business,
- 3) That the promises of non-discrimination as made and set forth herein shall be continuing in nature and shall remain in full force and effect without interruption,
- 4) That the promise of non-discrimination as made and set forth herein shall be made a part of, and incorporated by reference into, any contract or portion thereof which this Company may hereafter obtain,
- 5) That the failure of this Company to satisfactorily discharge any of the promises of non-discrimination as made and set forth herein shall constitute a material breach of contract entitling the Board to declare the contract in default and to exercise any and all applicable rights and remedies, including but not limited to cancellation of the contract, termination of the contract, suspension and debarment from future contracting opportunities, and withholding and/or forfeiture of compensation due and owing on a contract; and
- 6) That the Bidder shall provide such information as may be required by the Director of Contract Compliance pursuant to Section 4.4 of the Fulton County Non-Discrimination in Purchasing and Contracting Ordinance.

SIGNATURE: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

EXHIBIT B – EMPLOYMENT REPORT

The demographic employment make-up for the Bidder **must** be identified and submitted with this bid/proposal. In addition, if Sub-Contractors will be utilized by the Bidder/proposer to complete this project, then the demographic employment make-up of the Sub-Contractor(s) must be identified and submitted with this bid.

EMPLOYEES

CATEGORY	NATIVE INDIAN		AFRICAN AMERICAN		ASIAN AMERICAN		HISPANIC AMERICAN		CACUSIAN AMERICAN		OTHER	
	M	F	M	F	M	F	M	F	M	F	M	F
Mgmt/Official												
Professional (Arch., P.E., etc.)												
Supervisors												
Office/ Clerical												
Craftsmen												
Laborers												
Others (Specify)												
TOTALS												

FIRM'S NAME: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

This completed form is for (Check one) _____ Bidder _____ Sub-Contractor

Submitted by: _____ Date Completed: _____

EXHIBIT C – SCHEDULE OF INTENDED SUB-CONTRACTOR UTILIZATION

If the Bidder intends to subcontract any portion of this scope of work/service(s), this form **must be** completed and **submitted with the bid**. All prime Bidders **must** include Letter(s) of Intent (Exhibit D) in the bid document for all Sub-Contractors who will be utilized under the scope of work/services.

Prime Bidder: _____

ITB NUMBER: _____

Project Name or Description of Work/Service(s): _____

1. My firm, as Prime Bidder on this scope of work/service(s) is _____ is not ___ a minority or female owned and controlled business. (Please indicate below the portion of work, including, percentage of bid amount that your firm will carry out directly):

If the Prime Bidder is a Joint Venture, please complete Exhibit F: Joint Venture Disclosure Affidavit and attach a copy of the executed Joint Venture Agreement.

2. Sub-Contractors (Including suppliers) to be utilized in the performance of this scope of work/service(s), if awarded, are:

SUB-CONTRATOR NAME: _____

ADDRESS: _____

PHONE: _____

CONTACT PERSON: _____

ETHNIC GROUP*: _____ COUNTY CERTIFIED** _____

WORK TO BE PERFORMED: _____

DOLLAR VALUE OF WORK: \$ _____ PERCENTAGE VALUE: _____ %

***Ethnic Groups: African American (AABE); Asian American (ABE); Hispanic American (HBE); Native American (NABE); White Female American (WFBE); **If yes, attach copy of recent certification letter.**

EXHIBIT C – SCHEDULE OF INTENDED SUB-CONTRACTOR UTILIZATION

SUB-CONTRACTOR NAME: _____

ADDRESS: _____

PHONE: _____

CONTACT PERSON: _____

ETHNIC GROUP*: _____ COUNTY CERTIFIED** _____

WORK TO BE PERFORMED: _____

DOLLAR VALUE OF WORK: \$ _____ PERCENTAGE VALUE: _____ %

SUB-CONTRACTOR NAME: _____

ADDRESS: _____

PHONE: _____

CONTACT PERSON: _____

ETHNIC GROUP*: _____ COUNTY CERTIFIED** _____

WORK TO BE PERFORMED: _____

DOLLAR VALUE OF WORK: \$ _____ PERCENTAGE VALUE: _____ %

SUB-CONTRACTOR NAME: _____

ADDRESS: _____

PHONE: _____

CONTACT PERSON: _____

ETHNIC GROUP*: _____ COUNTY CERTIFIED** _____

WORK TO BE PERFORMED: _____

DOLLAR VALUE OF WORK: \$ _____ PERCENTAGE VALUE: _____ %

SUB-CONTRACTOR NAME: _____

ADDRESS: _____

PHONE: _____

CONTACT PERSON: _____

ETHNIC GROUP*: _____ COUNTY CERTIFIED** _____

WORK TO BE PERFORMED: _____

DOLLAR VALUE OF WORK: \$ _____ PERCENTAGE VALUE: _____ %

***Ethnic Groups: African American (AABE); Asian American (ABE); Hispanic American (HBE); Native American (NABE); White Female American (WFBE); **If yes, attach copy of recent certification letter.**

EXHIBIT C – SCHEDULE OF INTENDED SUB-CONTRACTOR UTILIZATION

Total Dollar Value of Sub-Contractor Agreements: (\$)

Total Percentage Value: (%)

CERTIFICATION: The undersigned certifies that he/she has read, understands and agrees to be bound by the Bid provisions, including the accompanying Exhibits and other terms and conditions regarding sub-contractor utilization. The undersigned further certifies that he/she is legally authorized by the Bidder to make the statement and representation in this Exhibit and that said statements and representations are true and correct to the best of his/her knowledge and belief. The undersigned understands and agrees that if any of the statements and representations are made by the Bidder knowing them to be false, or if there is a failure of the intentions, objectives and commitments set forth herein without prior approval of the County, then in any such event the Contractor's acts or failure to act, as the case may be, shall constitute a material breach of the contract, entitling the County to terminate the Contract for default. The right to so terminate shall be in addition to, and in lieu of, any other rights and remedies the County may have for other defaults under the contract.

Signature/Title: _____

Firm or Corporate Name: _____

Address: _____

Telephone: () _____

Fax Number: () _____

Email Address: _____

EXHIBIT D

**LETTER OF INTENT TO PERFORM AS A SUB-CONTRACTOR
OR
PROVIDE MATERIALS OR SERVICES**

This form **must** be completed by **ALL** known Sub-Contractors/Suppliers and submitted with the bid. The Prime Contractor **must** submit Letters of Intent for ALL known Sub-Contractors/Suppliers at time of bid submission.

To: _____
(Name of Prime Contractor Firm)

From: _____
(Name of Sub-Contractor Firm)

ITB Number: _____

Project Name: _____

The undersigned is prepared to perform the following described work or provide materials or services in connection with the above project (specify in detail particular work items, materials, or services to be performed or provided):

Description of Work	Project Commence Date	Project Completion Date	Estimated Dollar Amount

(Prime Bidder)

(Sub-Contractor)

Signature _____

Signature _____

Title _____

Title _____

Date _____

Date _____

EXHIBIT E – DECLARATION REGARDING SUBCONTRACTING PRACTICES

If the Bidder **does not intend to subcontract** any portion of the scope of work services(s), this form **must be** completed and submitted with the bid.

_____ Hereby declares that it is my/our intent to
(Bidder)

Perform 100% of the work required for _____
(ITB Number)

(Description of Work)

In making this declaration, the Bidder states the following:

1. That the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform **all elements** of the work on this project with his/her own current work forces;
2. If it should become necessary to subcontract some portion of the work at a later date, the Bidder will comply with all requirements of the County's Non-Discrimination Ordinance in providing equal opportunities to all firms to subcontract the work. The determination to subcontract some portion of the work at a later date shall be made in good faith and the County reserves the right to require additional information to substantiate a Bidder's decision to subcontract work following the award of the contract. Nothing contained in this provision shall be employed to circumvent the spirit and intent of the County's Non-Discrimination Ordinances;
3. The Bidder will provide, upon request, information sufficient for the County to verify Item Number one.

AUTHORIZED COMPANY REPRESENTATIVE

Name: _____ **Title:** _____ **Date:** _____

Signature: _____

Firm: _____

Address: _____

Phone Number: _____

Fax Number: _____

Email Address: _____

EXHIBIT F – JOINT VENTURE DISCLOSURE AFFIDAVIT

ITB No. _____

Project Name _____

This form must be completed and submitted with the bid if a Joint Venture approach is to be undertaken.

The firms listed below do hereby declare that they have entered into a Joint Venture agreement pursuant to the above mentioned project. The information requested below is to clearly identify and explain the extent of participation of each firm in the proposed Joint Venture. All items must be properly addressed before the business entity can be evaluated.

1. Firms:

1) Name of Business: _____
Street Address: _____
City/State/Zip: _____
County: _____
Nature of Business: _____

2) Name of Business: _____
Street Address: _____
City/State/Zip: _____
County: _____
Nature of Business: _____

3) Name of Business: _____
Street Address: _____
City/State/Zip: _____
County: _____
Nature of Business: _____

NAME OF JOINT VENTURE (If applicable): _____

OFFICE ADDRESS: _____

PRINCIPAL OFFICE: _____

OFFICE PHONE: _____

EXHIBIT F – JOINT VENTURE DISCLOSURE AFFIDAVIT

Note: Attach additional sheets as required

1. Describe the capital contributions by each Joint Venturer and accounting thereof. Indicate the percentage make-up for each Joint Venture partner.
2. Describe the financial controls of the Joint Venture, e.g., will a separate cost center be established? Which Venturer will be responsible for keeping the books? How will the expense therefore be reimbursed? What is the authority of each Joint Venture to commit or obligate the order?
3. Describe any Ownership, options for Ownership, or loans between the Joint Ventures. Identify terms thereof.
4. Describe the estimate contract cash flow for each Joint Venturer.
5. To what extent and by whom will the on-site work be supervised?
6. To what extent and by whom will the administrative office be supervised?
7. Which Joint Venturer will be responsible for material purchases including the estimated cost thereof? How will the purchase be financed?
8. Which Joint Venturer will provide equipment? What is the estimated cost thereof? How will the equipment be financed?
9. Describe the experience and business qualifications of each Joint Venturer.
10. Submit a copy of all Joint Venture agreements and evidence of authority to do business in the State of Georgia as well as locally, to include all necessary business licenses.
11. Percent of ownership by each Joint Venture in terms of profit and loss sharing: _____

12. The authority of each Joint Venturer to commit or obligate the other: _____

13. Number of personnel to be involved in project, their crafts and positions and whether they are employees of the small business enterprise, the majority firm or the Joint Venture: _____

EXHIBIT F – JOINT VENTURE DISCLOSURE AFFIDAVIT

14. Identification of control and participation in venture; list those individuals who are responsible for day-to-day management and policy decision-maker, including, but not limited to, those with prime responsibility for areas designated below; (use additional sheets if necessary)

<u>Name</u>	<u>Race</u>	<u>Sex</u>	<u>Financial Decisions</u>	<u>Supervision Field Operation</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

In connection with any work that these firms, as a Joint Venture, might be authorized to perform in connection with above captioned contract, we each do hereby authorize representatives of the Fulton County Department of Contract Compliance, Departments of Purchasing and Finance, under the direction of the County Manger’s Office, to examine, from time to time, the books, records and files to the extent that such relate to this County project.

WE DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE FOREGOING DOCUMENT ARE TRUE AND CORRECT, AND THAT WE ARE AUTHORIZED, ON BEHALF OF THE ABOVE FIRMS, TO MAKE THIS AFFIDAVIT AND GRANT THE ABOVE PRIVILEGE.

FOR: _____
(Company)

Date: _____

(Signature of Affiant)

(Printed Name)

(Company)

Date: _____

(Signature of Affiant)

(Printed Name)

State of _____:

County of _____:

On this _____ day of _____, 20_____, before me, appeared

_____, the undersigned known to me to be the person described in the foregoing Affidavit and acknowledge that he (she) executed the same in the capacity therein stated and for the purpose therein contained.

EXHIBIT G – PRIME CONTRACTOR/SUB-CONTRACTOR UTILIZATION REPORT

This report is required to be submitted by the tenth day of each month, with a copy of your payment invoice (schedule of values/payment application) to Contract Compliance. Failure to comply may result in the County commencing proceedings to impose sanctions on the successful Bidder, in addition to purchasing any other available legal remedy. Sanctions may include the suspending of any payment or part thereof, termination or cancellation of the contract, and the denial to participate in any future contracts awarded by Fulton County.

REPORTING PERIOD		PROJECT NAME:	
FROM:		PROJECT NUMBER:	
TO:		PROJECT LOCATION:	

PRIME CONTRACTOR		Contract Award Date	Contract Award Amount	Change Order Amount	Contract Period	% Complete to Date
Name:						
Address:						
Telephone #:						

AMOUNT OF REQUISITION THIS PERIOD: \$ _____
 TOTAL AMOUNT REQUISITION TO DATE: \$ _____
 TOTAL AMOUNT REQUISITION TO DATE: \$ _____

SUB-CONTRACTOR UTILIZATION (add additional rows as necessary)

Name of Sub-contractor	Description of Work	Contract Amount	Amount Paid To Date	Amount Requisition This Period	Contract Period	
					Starting Date	Ending Date
TOTALS						

Executed By: _____
 (Signature)

 (Printed Name)

END OF SECTION NO. 3

SECTION 4

INSURANCE AND RISK MANAGEMENT PROVISIONS

This section should contain the appropriate insurance information, forms and requirements for this project.

Insurance and Risk Management Provisions

It is Fulton County Government's practice to obtain Certificates of Insurance from our Contractors and Vendors. Insurance must be written by a licensed agent in a company licensed to write insurance in the State of Georgia. Respondents shall submit with the bid/proposal evidence of insurability satisfactory to Fulton County Government as to form and content. Either of the following forms of evidence is acceptable:

- A letter from an insurance carrier stating that upon your firm/company being the successful Bidder/Respondent that a Certificate of Insurance shall be issued in compliance with the Insurance and Risk Management Provisions outlined below.
- A Certificate of Insurance complying with the Insurance and Risk Management Provisions outlined below (Request for Bid/Proposal number and Project Description must appear on the Certificate of Insurance).

Upon award, the Contractor/Vendor must maintain at their expense, insurance with policy limits equal to or greater than the limits described below. Any and all Insurance Coverage(s) and Bonds required under the terms and conditions of the contract shall be maintained during the entire length of the contract, including any extensions or renewals thereto, and until all work has been completed to the satisfaction of Fulton County Government.

Accordingly the Respondent shall provide a certificate evidencing the following:

1. **WORKERS COMPENSATION/EMPLOYER'S LIABILITY INSURANCE – STATUTORY (In compliance with the Georgia Workers Compensation Acts and any other State or Federal Acts or Provisions in which jurisdiction may be granted)**

Employer's Liability Insurance	BY ACCIDENT - EACH ACCIDENT	\$500,000
Employer's Liability Insurance	BY DISEASE - POLICY LIMIT	\$500,000
(Aggregate)	BY DISEASE - EACH EMPLOYEE	\$500,000

2. **COMMERCIAL GENERAL LIABILITY INSURANCE (Including contractual Liability Insurance)**

Bodily Injury and Property Damage Liability	Each Occurrence	-	\$1,000,000
(Other than Products/Completed Operations)	General Aggregate	-	\$2,000,000
Products\Completed Operation	Aggregate Limit	-	\$1,000,000
Personal and Advertising Injury	Limits	-	\$1,000,000
Fire Damage	Limits	-	\$ 100,000

3. **BUSINESS AUTOMOBILE LIABILITY INSURANCE Combined Single Limits** Each Occurrence - \$1,000,000
(Including operation of non-owned, owned, and hired automobiles).

4. **ELECTRONIC DATA PROCESSING LIABILITY**
(Required if computer contractor) Limits - \$1,000,000

5. **UMBRELLA LIABILITY**
(In excess of above noted coverage's) Each Occurrence - \$2,000,000

6. **PROFESSIONAL LIABILITY** Each Occurrence - \$1,000,000
(Required if respondent providing bid/quotation for professional services).

7. **FIDELITY BOND**
(Employee Dishonesty) Each Occurrence - \$ 100,000

8. **BUILDERS RISK:** *If the bid/quotation involves construction-related services the respondent will provide* "All-risk" form of builder's risk insurance providing coverage against loss or damage by fire or other peril on an "all-risk" form, including demolition and increased cost of construction, debris removal and the full replacement cost of the Project foundations and containing an agreed amount endorsement, and, until Final Completion and Acceptance of the Project. Such policy of insurance shall contain at least the following sub-limits of insurance and deductibles:

Sub-limits:

Property in Transit	\$1,000,000
Property in Offsite Storage	\$1,000,000
Plans & Blueprints	\$25,000
Debris Removal	25% of Insured Physical Loss
Delay in Completion / Soft Cost	TBD

Deductibles:

Flood and Earthquake	\$25,000
Water Damage other than Flood	\$100,000
All other Perils	\$10,000

Owner and Contractor waive all rights against each other and any of their Sub-Contractors, sub-Sub-Contractors, agents and employees, each of the other, for damages caused by fire or other causes of loss to the extent covered by property insurance obtained pursuant to this Section, or other property insurance applicable to the Work, accept such rights as they have to the proceeds of such insurance.

Certificates shall state that the policy or policies shall not expire, be cancelled or altered without at least thirty (30) days prior written notice to Fulton County Government. Policies and Certificates of Insurance are to list Fulton County Government as an Additional Insured (except for Workers' Compensation) and shall conform to all terms and conditions (including coverage of the indemnification and hold harmless agreement) contained in the Insurance and Risk Management Provisions.

If Fulton County Government shall so request, the Respondent, Contractor or Vendor will furnish the County for its inspection and approval such policies of insurance with all endorsements, or confirmed specimens thereof certified by the insurance company to be true and correct copies.

Such certificates and notices shall be sent to:

Fulton County Government – Department of Purchasing and Contract Compliance
130 Peachtree Street, S.W.
Suite 1168
Atlanta, Georgia 30303-3459

It is understood that **Insurance in no way limits the Liability of the Contractor/Vendor.**

USE OF PREMISES

Contractor shall confine its apparatus; the storage of materials and the operations of its workers to limits/requirements indicated by law, ordinance, permits and any restrictions of Fulton County Government and shall not unreasonably encumber the premises with its materials.

PROTECTION OF PROPERTY

Contractor will adequately protect its own work from damage, will protect Fulton County Government's property from damage or loss and will take all necessary precautions during the progress of the work to protect all persons and the property of others from damage or loss.

Contractor shall take all necessary precautions for the safety of employees of the work and shall comply with all applicable provisions of the Federal, State and local safety laws and building codes to prevent accidents or injury to persons on, about, or adjacent to the premises where work is being performed.

Contractor shall erect and properly maintain at all times as required by the conditions and progress of the work, all necessary safeguards for the protection of its employees, Fulton County Government employees and the public and shall post all applicable signage and other warning devices to protect against potential hazards for the work being performed.

INDEMNIFICATION AND HOLD HARMLESS AGREEMENT

Contractor/Vendor hereby agrees to release, indemnify, defend and hold harmless Fulton County, its Commissioners, officers, employees, Sub-Contractors, successors, assigns and agents, from and against any and all losses (including death), claims, damages, liabilities, costs and expenses (including but not limited to all actions, proceedings, or investigations in respect thereof and any costs of judgments, settlements, court costs, attorney's fees or expenses, regardless of the outcome of any such action, proceeding, or investigation), caused by, relating to, based upon or arising out of any act or omission by Contractor/Vendor, its directors, officers, employees, Sub-Contractors, successors, assigns or agents, or otherwise in connection (directly or indirectly) with its acceptance, or the performance, or nonperformance, of its obligations under these agreements. Such obligations shall not be construed to negate, abridge or otherwise reduce any other rights or obligations of indemnity which would otherwise exist as to any party or person as set forth in this paragraph.

Contractor/Vendor's obligation to protect, defend, indemnify and hold harmless, as set forth hereinabove, shall also include, but is not limited to, any matter arising out of any actual or alleged infringement of any patent, trademark, copyright, or service mark, or other actual or alleged unfair competition disparagement of product or service, or other tort or any type whatsoever, or any actual or alleged violation of trade regulations.

Contractor/Vendor further agrees to protect, defend, indemnify and hold harmless Fulton County, its Commissioners, officers, employees, Sub-Contractors, successors, assigns and agents from and against any and all claims or liability for compensation under the Worker's Compensation Act, Disability Benefits Act, or any other employee benefits act arising out of injuries sustained by any employees of Contractor/Vendor. These indemnities shall not be limited by reason of the listing of any insurance coverage.

If the bid/quotation involves construction services Contractor/Vendor will be responsible fully for any and all damage to the work during the course of construction, until the point of Final acceptance by Fulton County.

FULTON COUNTY ACKNOWLEDGES THAT ALL PROVISIONS OF THIS INDEMNITY AGREEMENT MAY NOT BE APPLICABLE TO THE CONTRACTOR/VENDOR'S BUSINESS. TO THE EXTENT THAT CONTRACTOR/VENDOR MAY DEMONSTRATE SUCH NONAPPLICABILITY, FULTON COUNTY MAY NEGOTIATE AMENDMENTS TO THIS AGREEMENT AS THE CIRCUMSTANCES DICTATE.

CONTRACTOR/VENDOR ACKNOWLEDGES HAVING READ, UNDERSTANDING, AND AGREEING TO COMPLY WITH THIS INDEMNIFICATION AND HOLD HARMLESS AGREEMENT, AND THE REPRESENTATIVE OF THE CONTRACTOR/VENDOR IDENTIFIED BELOW IS AUTHORIZED TO SIGN CONTRACTS ON BEHALF OF THE RESPONDING CONTRACTOR/VENDOR.

COMPANY: _____ SIGNATURE: _____

NAME: _____ TITLE: _____ DATE: _____

SECTION 5

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

Automated Secured Data Management System

This project is to provide all necessary equipment, installation and support to implement a turn-key, automated, secured data management system along eight (8) intersections on Cascade Rd. between Shanter Trail and Danforth Road. The data, at each approach of the eight intersections, will be poled in real-time, archived and available to be displayed via a Rich Internet Application (RIA), where an unlimited number of users can access the data and create a unique web-based interface utilizing a series of widgets. Widgets should be created to check traffic volumes, monitor intersection use, view detector images and associated traffic data, and set account preferences. The Widgets shall also be able to produce traffic data reports, show streaming video, charts, and data history.

The qualified contractor shall provide all equipment, hardware, software and necessary materials to meet the specifications below and will support, assist and train Fulton County's Traffic Engineering Department in the installation of the system, both in the field and at the TCC. The four (4) main components to this project are:

- Data Collection Device
- Data Collection & Management Software
- Network Security Appliance

- Communication Network

The contractor shall also include all necessary components, including communications equipment to create a network of data collectors that communicate to the data management software, located in the TCC, for a fully automated system.

Data Collection Device

Video detection sensors shall be installed on the mast arms at each approach at the eight (8) intersections listed above. The video detection system shall be programmed to detect each phase at the stop bar and create count stations, lane by lane. The video detection system shall meet the following specifications:

1. Video Detection - General

This specification sets forth the minimum requirements for a system that monitors vehicles on a roadway via processing of video images. The detection of vehicles passing through the field-of-view of an image sensor shall be made available to a large variety of end user applications as simple contact closure outputs that reflect the current real-time detector or alarm states (on/off) or as summary traffic statistics that are reported locally or remotely. The contact closure outputs shall be provided to a traffic signal controller and comply with the National Electrical Manufacturers Association (NEMA) type C or D detector rack or 170 input file rack standards.

The system architecture shall fully support Ethernet networking of system components through a variety of industry standard and commercially available infrastructures that are used in the traffic industry and meet or exceeds Fulton County and Georgia Department of Transportation Specifications. The data communications shall support direct connect, [modem,] and multi-drop interconnects. Simple, standard Ethernet wiring shall be supported to minimize overall system cost and improve reliability, utilizing existing infrastructure and ease of system installation and maintenance. Both streaming video and data communications shall optionally be

interconnected over long distances through fiber optic, microwave, or other commonly used digital communications transport configurations.

On the software application side of the network, the system shall be integrated through a client-server relationship. A communications server application shall provide the data communications interface between as few as one to as many as hundreds of Machine Vision Processor (MVP) sensors and a number of client applications. The client applications shall either be hosted on the same PC as the communications server or may be distributed over a local area network of PC's using the industry standard TCP/IP network protocol. Multiple client applications shall execute simultaneously on the same host or multiple hosts, depending on the network configuration. Additionally, a web-browser interface shall allow use of industry standard Internet web browsers to connect to MVP sensors for setup, maintenance, and viewing of digital video stream.

1.1. System Hardware

The machine vision system hardware shall consist of three components:

- 1) A color, 22x zoom, MVP sensor.
- 2) A modular cabinet interface unit.
- 3) A communication interface panel.

Additionally, an optional personal computer (PC) shall host the server and client applications that are used to program and monitor the system components. The real-time performance shall be observed by viewing the video output from the sensor with overlaid flashing detectors to indicate the current detection state (on/off). The MVP sensor shall optionally store cumulative traffic statistics internally in non-volatile memory for later retrieval and analysis.

The MVP shall communicate to the modular cabinet interface unit via the communications interface panel and the software applications using the industry standard TCP/IP network protocol. The MVP shall have a built-in, Ethernet-ready, Internet Protocol (IP) address and shall be addressable with no plug in devices or converters required. The MVP shall provide standard MPEG-4 streaming digital video. Achievable frame rates shall vary from 5 to 30 frames/sec as a function of video quality and available bandwidth.

The modular cabinet interface unit shall communicate directly with up to eight (8) MVP sensors and shall comply with the form factor and electrical characteristics to plug directly into a NEMA type C or D detector rack providing up to thirty-two (32) inputs and sixty-four (64) outputs or a 170 input rack providing up to sixteen (16) contact closure inputs and twenty-four (24) contact closure outputs to a traffic signal controller.

The communication interface panel shall provide four (4) sets of three (3) electrical terminations for three-wire power cables for up to eight (8) MVP sensors that may be mounted on a pole or mast arm with a traffic signal cabinet or junction box. The communication interface panel shall provide high-energy transient protection to electrically protect the modular cabinet interface unit and connected MVP sensors. The communications interface panel shall provide single-point Ethernet connectivity via RJ45 connector for communication to and between the modular cabinet interface module and the MVP sensors.

1.2. System Software

The MVP sensor embedded software shall incorporate multiple applications that perform a variety of diagnostic, installation, fault tolerant operations, data communications, digital video streaming, and vehicle detection processing. The detection shall be reliable, consistent, and perform under all weather, lighting, and traffic congestion levels. An embedded web server

shall permit standard internet browsers to connect and perform basic configuration, maintenance, and video streaming services.

There shall be a suite of client applications that reside on the host client / server PC. The applications shall execute under Microsoft Windows XP or Vista. Available client applications shall include:

- a) Master network browser: Learn a network of connected modular cabinet interface units and MVP sensors, display basic information, and launch applications software to perform operations within that system of sensors.
- b) Configuration setup: Create and modify detector configurations to be executed on the MVP sensor and the modular cabinet interface unit.
- c) Operation log: Retrieve, display, and save field hardware run-time operation logs of special events that have occurred.
- d) Software install: Reconfigure one or more MVP sensors with a newer release of embedded system software.
- e) Streaming video player: Play and record streaming video with flashing detector overlay.
- f) Data retrieval: Fetch once or poll for traffic data and alarms and store on PC storage media.
- g) Communications server: Provide fault-tolerant, real-time TCP/IP communications to / from all devices and client applications with full logging capability for systems integration.

2. Functional Capabilities

2.1. MVP Sensor

The MVP sensor shall be an integrated imaging color CCD array with zoom lens optics; high-speed, dual-core image processing hardware bundled into a sealed enclosure. The CCD array shall be directly controlled by the dual-core processor, thus providing high-quality video for detection that has virtually no noise to degrade detection performance. It must be possible to zoom the lens as required for setup and operation. It shall provide JPEG video compression as well as standard MPEG-4 digital streaming video with flashing detector overlay. The MVP shall provide direct real-time iris and shutter speed control. The MVP image sensor shall be equipped with an integrated 22x zoom lens that can be changed using configuration computer software. The digital streaming video output and all data communications shall be transmitted over the three-wire power cable.

2.1.2. Power

The MVP sensor shall operate on 110/220 VAC, 50/60Hz at a maximum of 25 watts. The camera and processor electronics shall consume a maximum of 10 watts and the remaining 15 watts shall support an enclosure heater.

2.1.3. Detection Zone Programming

Placement of detection zones shall be by means of a PC with a Windows XP or Vista operating system, a keyboard, and a mouse. The PC monitor shall be able to show the detection zones superimposed on images of traffic scenes. The detection zones shall be created by using a mouse to draw detection zones on the PC monitor. Using the mouse and keyboard it shall be possible to place, size, and orient detection zones to provide optimal road coverage for vehicle detection. It shall be possible to download detector configurations from the PC to the MVP sensor and cabinet interface module, to retrieve the detector configuration that is currently

running in the MVP sensor, and to back up detector configurations by saving them to the PC fixed disks or other removable storage media.

The supervisor computer's mouse and keyboard shall be used to edit previously defined detector configurations to permit adjustment of the detection zone size and placement, to add detectors for additional traffic applications, or to reprogram the MVP sensor for different traffic applications or changes in installation site geometry or traffic rerouting.

2.2. Detection Types

The MVP shall be able to be programmed with a variety of detector types that perform specific functions. Detector types shall include the following:

- a) Count Detector--outputs traffic volume statistics;
- b) Presence Detector--indicates presence of a vehicle, stopped vehicle, or vehicles traveling the wrong direction;
- c) Speed Detector--provides vehicle speed, length, classification, volume, density and traffic flow statistics;
- d) Detector Function--combines outputs of multiple detector types via Boolean logic functions and allows timing extensions and delays. Similar to the Contrast Detector below, it monitors video signal quality globally in the scene.
- e) Station--accumulates traffic data over user specified time intervals, including cycle splits for intersection applications;
- f) Input Label Detector--provides states of a user-provided input signal;
- g) Speed Alarm--generates an alarm output based on user-defined speed and volume thresholds;
- h) Contrast Detector--monitors video signal quality and provides an optical fail safe alarm feature. Unlike the global measure of video quality in the Detector Function above, this Contrast Detector can monitor specific areas of the scene.
- i) Incident Detector--operates an incident detection algorithm which monitors speed and occupancy data from individual traffic lanes to detect the shock wave effects which propagate upstream from a capacity-reducing incident that occurs outside the camera field of view. It is adjustable for regularly recurring congestion.
- j) Scheduler--controls detector operation based upon a user-defined time schedule;
- k) Label--displays system or user-defined static or dynamic information on the output video of the MVP, including titles and bitmap graphics.
- l) Lane Detector-- generates an alarm for stopped vehicle (default setting), a slow vehicle, or a wrong-way vehicle along an entire outdoor traffic lane within the field of view.
- m) Tunnel Detector--generates an alarm for stopped vehicle (default setting), a slow vehicle, or a wrong-way vehicle along an entire tunnel lane within the field of view.

2.2.1. The speed detector shall report vehicle speed and vehicle classification based on five user-defined length categories, satisfying the four generalized category requirement recommended by FHWA.

2.2.2. Multiple detector outputs can be combined together via OR, AND, NAND, and N of M logical functions. In addition, the MVP shall be able to condition the detector outputs based on the state of associated input signals. The following detector output types shall be available:

- a) Type 0 -- send a call for every vehicle presence detected;
- b) Type 1 -- extends a call on Green, delays a call on NOT Green;

- c) Type 2 -- both Extends and Delays a call on Green, no change to call on NOT Green;
- d) Type 3 -- provides Stop Bar detection;
- e) Type 4 -- provides Stop Bar detection with a timer;
- f) Type 5 -- provides Stop Bar detection with a reset timer;
- g) Type 6 -- enables a call when the input phase is Red;
- h) Type 8 -- provides Dilemma Zone detection, based on the speed of the vehicle;
- i) Type 9 -- provides moving vehicle detection and time validation during Red;
- j) Type 10 -- arbitrates between individual Contrast Loss detectors to determine video quality loss.

2.2.3. Each MVP shall be able to detect the absence of a valid video signal on each image sensor input. Upon detecting the absence of a valid video signal, the MVP shall place all the detector outputs associated with the failed image sensor input into a fail-safe ON state known as recall.

2.2.4. Each MVP shall be able to detect when the quality of the video input from the image sensor is not sufficient to enable vehicle detection (e.g., when environmental conditions obscure the sensor view). Use of this video loss detection capability shall be selectable by the user. If a video loss failure is detected, the MVP shall place the detector outputs associated with the failed sensor on minimum recall, maximum recall, or fixed time recall as selected by the user.

2.3. Interval Traffic Data

- a) Volume -- number of vehicles detected during the time interval;
- b) Occupancy -- detector occupancy measured in percent of time;
- c) Vehicle Classification -- number of vehicles in each of five classes, as defined by vehicle length in feet or meters;
- d) Flow Rate -- vehicles per hour per lane;
- e) Headway -- average time interval between vehicles;
- f) Speed -- time mean and space mean vehicle speed in km/hr or mi/hr;
- g) Level of Service -- determined by user-defined thresholds for average speed or capacity flow rates;
- h) Space Occupancy -- sum of the vehicle lengths divided by average distance traveled during the time interval measured as percent;
- i) Density -- flow rate divided by space mean speed expressed in vehicles/km or vehicles/mi.

2.3.2. The duration of the time intervals (or time slices) shall be user-customizable as per signal control cycle or 10, 20, or 30 seconds, or 1, 5, 10, 15, 30, or 60 minutes, or any other arbitrary time interval of choice.

2.3.3. It shall be possible to poll the MVP for traffic flow, vehicle presence, or event alarm data during normal operation when connected to a computer with serial communications. Furthermore, an option to minimize data loss, called persistent polling, shall be provided to collect time interval data when the MVP is not connected to a computer. It shall operate as follows: When the communication link to the traffic management computer is cutoff temporarily, for whatever reason, the MVP shall write the persistent poll data to non-volatile EEPROM flash memory. At such time as the link is restored, the persistent poll data shall be transferred to the traffic management computer. Thus though delayed, there is no loss of data due to communications link failures. This shall also allow the use

of dial-up modem applications to be scheduled, for example daily or weekly calls, to collect all data since last connection was made. The option for persistent polling shall begin accumulating and storing defined poll data to flash memory if needed after system reboot, as may be caused by local mains power failures.

2.3.4. Using the persistent polling technique above, it shall be possible to save the time-interval data in non-volatile EEPROM flash memory within the MVP for later transfer to the user's computer for analysis.

2.3.5. Retrieval of real-time poll data or persistent poll data stored in the memory of the MVP shall be via a serial communications port or integrated Ethernet port using manufacturer provided software tools. Provision shall be made for transfer of data via a modem and dial-up telephone lines, via private cable, fiber optic network, wireless system, Ethernet or via direct connection to another computer by serial cable.

2.3.6. Each MVP shall provide an optional power line monitor to ensure the accuracy of its internal clock.

2.4.0 Traffic Data Collection & Web Posting

The MVP sensor shall store cumulative traffic statistics, internally in non-volatile memory, for later retrieval and analysis. MVP sensor shall have at least 5 megabytes of memory for data storage. Data collection shall not require additional modules or extra software. The above data types shall also be available to be viewed real-time through a standard web browser via a data collection and management service (DCMS). This DCMS shall have the capability of polling any and all video detector sensors via a number of communication interfaces, including and not limited to PSTN, CDPD, CDMA, dedicated twisted-pair, fiber, and wireless and displaying the data real-time on a custom website provided by the manufacturers data collection and management system software. In addition to displaying real-time data and color snapshots of the image sensor, the manufacturer shall provide a server to archive all the data for Fulton County to create custom data reports in PDF, Excel, CSV or RTF by simply accessing the website and filtering the dates and reporting parameters. Specifications on the Data Collection and Management System are described below.

Data Collection and Management Software

An automated, client-server software application shall communicate to each video detector and archive the data. The system shall facilitate a secure Internet-based traffic data collection and distribution system in order to automate the real-time and archived traffic data management process. The data management software shall meet the following specifications:

1.0 System Architecture

The overall system architecture shall consist of a Client /server based on distributed open architecture, where Fulton County will host and manage the server and traffic data management process as an appliance.

2.0 System Components

The principal system components shall be as follows:

- a) Central Office(central servers and workstations)
- b) Field Device (data collectors)
- c) Central Communications
- d) Field Communications

The central office shall support the distributed client/server architecture via a local area network (LAN).

The central office shall consist of personal computers (PC) as client workstations and servers with peripheral and communications equipment (as required by these specifications) as well as any necessary operating and field device (data collector) software.

Host servers shall access field devices that perform traffic data collection, database management (database server), and the Internet (Web server).

Multiple server functions may reside on a single server.

The system shall be implemented using standard, commercially available Personal Computer (PC) hardware.

The system supplier shall furnish all the necessary cables and any other hardware necessary to install the central office equipment in the Traffic Management Center (TMC) or other specified location. Fulton County shall provide any network cabling internal (from the wall plate out to the network) or external to the TMC, additional furniture required, and additional power outlets. The central office or TMC computer shall consist of as a minimum the equipment described in the following sections

3.0 System Software

The server-based software shall operate under the Microsoft® Server 2003 operating system. Remote client access shall require personal computers to execute/run Microsoft® Internet Explorer® 7.X, Firefox® 2.X, Mozilla®, and Apple®, Safari® web browsers. The Apple® QuickTime® plug-in may be required.

The software shall be designed to integrate with off-the-shelf PC software. For example, the system shall provide the ability to exchange common files such as PDF, Microsoft Word, MS Excel®, .rtf, .csv, and SQL and spreadsheet products.

The system shall utilize MS SQL Server 2005 commercial database product. The database shall be used to store, retrieve, and maintain system data and parameter files.

4.0 Field Equipment

The system shall support communications with field devices as specified above under "Data Collection Device" as permitted by the field communications infrastructure.

The system shall provide real-time monitoring, control and complete editing capabilities as well as upload and download.

5.0 Central Communications

Communication at the central office shall be an Ethernet 100baseT local area network (LAN) shall support the distributed client/server architecture.

The LAN shall provide the capability of having multiple users and multiple workstations working simultaneously on a common database.

Fulton County shall provide all necessary LAN software for a fully functional system.

6.0 Field Communications

Field communications shall consist of eight (8) Type C Field Switches that meet or exceed GDOT specifications NAV01-053 Rev. 23.0 section 939.2.A.8. Field switches shall interconnect in a daisy chain configuration via one pair of existing single mode fiber supplied installed and owned by Fulton County. Field switches will be installed, configured, and integrated in each of the six (6) intersections per manufacturer's recommendations in a joint training effort between contractor and designated Fulton County technician.

7.0 Functional Requirements

The system shall facilitate a secure Internet-based traffic data collection and distribution system in order to automate the real-time and archived traffic data management process. The system service shall convert intersection, mid-block, tunnel, or freeway detection systems into automated, virtual count stations that gather and display traffic data in real-time – without interruption.

The system network shall utilize open-architecture software, including Microsoft® Server technology that complements the Data Collection Device specified above.

The system supplier shall implement the system website with vehicle data information and maps.

The systems end user, Fulton County, shall be responsible for the operation communications infrastructure.

8.0 Graphical User Interface

The system shall be comprised of World Wide Web browser windows, called Widgets. Widgets are accessed through a dedicated web browser. Logging on to the system web site will open a system browser desktop, which is used to organize a series of Widgets, dedicated to viewing and managing traffic data. These Widgets are linked to dedicated computer servers and a Microsoft SQL database, which houses collected traffic data. The system shall log data collected from a network of vehicle detectors.

Access to vehicle detector information is through a large suite of system Widgets. Widgets are used to check traffic volumes, monitor intersection use, view detector images, and associated traffic data, retrieve traffic data reports, charts, data history, and set account preferences.

The system shall provide the user with a suite of Administrator Widgets and a suite of User Widgets. Users and Administrators can set up their own custom Widget configurations to view the data specific to their needs. By creating a series of organized Tabs, which can hold groups of Widget windows, specific traffic data can be monitored continuously. Tabs allow the organization of "groups" of detection devices. Monitoring a large number of vehicle detection devices can be organized in groups, which will help the user remotely manage their vehicle detection network.

8.1. Working with Tabs and Widgets

The system shall be available via secure web site, which can only be accessed by those users whose account was set up by the site administrator. The site administrator will provide the user with a User ID and Password. The user must log on to the system site to open the browser. Each user creates their own custom Widget profiles, using common traffic data. Upon log out of a session, all Tabs and their content shall be maintained, ready to view in the same configuration when the user logs on again at a later time.

An Internet connection is required to view and manage the data management system. The system shall use the latest Microsoft Internet Explorer version 7.x, Mozilla Firefox 2.x, and Apple Safari for viewing the site.

8.2 To Add a New Tab

The system desktop shall use Tabs to organize multiple Widget profiles. Each Tab shall hold multiple Widget windows. The system browser opens with an initial Home Tab. New Widgets can be added to this Home Tab. To add a new Tab click the New Tab area of the system desktop Tab Toolbar; a new Tab labeled New Tab is added to the Tab Toolbar. There shall be no limit to the number of Tabs you can add to the Tab Toolbar. Left and right Tab Toolbar arrows can be clicked to move through the Tab Toolbar, to scroll through available Tabs.

8.3 To Add a New Widget

The user will select the Gallery Widget from the Tab drop-down menu. The User Gallery Widget opens in the Browser Desktop. Click on a Widget Link to open the desired Widget window. Widgets can be moved and placed anywhere on the Browser Desktop. Click, hold, and move the cursor on the Widget Title Bar to drag the Widget to desired placement on the desktop. The Widget can be sized by placing the cursor on any side or corner of the Widget. When the double-arrow cursor appears, select and drag cursor to desired Widget size.

9.0 Administrative and Support Requirements

9.1 Warranty

The central office software shall be warranted for 1 year from system acceptance. Software corrections or required modifications for proper system operation per these specifications shall be furnished to Fulton County at no additional cost during the warranty period.

9.2 Training

Formal classroom training and “hands-on” operations training shall be provided for 5-10 personnel by the system supplier. System training shall be provided by experienced instructors and shall include all training material for formal classroom and hands-on work.

The training shall cover both operation and maintenance of the system software and will include the following:

- a) System operation, system performance analysis, and revision of system operating parameters based on the analysis
- b) Familiarity with construction details of central office equipment (cable routing etc.)
- c) Operation of all devices
- d) Generation and editing of field devices
- e) Complete coverage on the creation and editing of Tabs, Widgets, charts, and reports
- f) Basic troubleshooting procedures to isolate malfunctions

Copies of course material shall be supplied to and be retained by the system supplier.

The manufacturer of the data manager software shall have at least 5 systems as described in these specifications installed and operational within the US. References, along with guest logons shall be provided upon request.

Network Security Appliance

A reliable, field security appliance will be used to secure the network of data collection devices and data management software system. A secured, virtual-network layer connection between data collection network and Ethernet-based communications network will meet the following specifications:

1.0 General

The network security system shall create a secure, virtual-network layer connection between the remote user and the traffic control network. The appliance shall use a patented Device Fingerprinting Technology to establish a Secure Private Network between an authorized traffic management system and individual field appliances.

The Network Security System Process shall have the following:

- a) Provide network security for field traffic-control systems by creating a secure, virtual-network layer connection, between the remote user and the traffic control network, thus blocking unauthorized access and external cyber-threats.

- b) Create a secure, virtual-network layer connection, which improves upon traditional router, switch, and firewall security mechanisms.
- c) Provide Traffic Management Systems with secure private tunneling across public network segments, including, but not exclusive to, wireless (CDMA, GSM, 802.11a/b/g) and the public Internet (802.3, DSL, Cable).
- d) Provide a point-to-multipoint “Secure Private Network” between the TMC and each field traffic cabinet
- e) Provide an additional layer of security for detector modules, surveillance cameras, UPS devices, or other cabinet devices, which expose themselves to an IP interface, or in other words, “web-facing” systems.
- f) Include device fingerprinting technology to restrict field control access to designated computer terminals at the TMC, or between management centers (Center-to-Center Communications), thus providing only authorized computer terminals exclusive access to the secure private network.

2.0 Network Security Server

The Server shall allocate permission, manage, and control field security appliances and PC clients from a single remote location. The server application shall monitor status of all network appliances and PC clients participating in the authenticated secure private network. The server shall track and report on all secure private network appliances, PC clients, and users of the authenticated system.

The server shall define and receive instant status alerts and updates regarding any changes to the secured network, and receive alerts regarding any unauthorized access attempts, from the traffic cabinet or from other parts of the StrongPoint network, based on secure private network appliance location. The server shall include:

- a) The following software applications: MySQL, Apache Tomcat 5.x, OpenVPN, OpenSSL, Uniloc[®] ecoServer, and Uniloc[®] NetAnchor Server
- b) Web-launched Graphic user Interface (GUI), to configure and monitor the secure network
- c) Complete server-based device management toolset for easy set up and authorized appliance configuration
- d) Complete server-based device management toolset for user roles management
- e) Intrusion detection, location, and notification functionality, including automated alarm and events management system
- f) Intrusion detection, location, and notification functionality, including automated email notice system
- g) Intrusion detection, location, and notification functionality, including system monitoring logs and automated report generation
- h) Cross-platform compatibility with any operating system and field control hardware
- i) Intrusion detection in the field, which includes “Stateful” Packet Inspection (SPI) that keeps track of the state of network connections in the traffic cabinet (such as TCP streams or UDP communication) traveling across StrongPoint Appliance ports.

3.0 Field Appliance

The field-hardened appliance shall have the following:

- a) Self-test on power-up
- b) LED indicators for power and communications link/activities status
- c) Shelf-Mount, DIN Rail and Screw-Mount mounting options for easy in-cabinet placement
- d) 24 VDC, optional 100-240 VAC
- e) Consumption, current - 8Watts / 0.3A

- f) 1 WAN, 4 LAN, RJ45, 10/100 Mbit/s Ethernet
- g) -29 F to +165 F (-34 C to +74 C) operating temperature range
- h) 0 to 95% relative humidity
- i) Dimensions: 6 1/4" x 6" x 3 1/8"

3.1 Field Appliance Processing

The field-hardened appliance shall have the following internal processing as a minimum:

- a) Motorola® MPC8321EEC Microprocessor or equivalent
- b) 333MHz core processor speed
- c) 32Mb Flash Memory
- d) 64Mb DDR2 Memory
- e) Up to 18 Mbps Secure Private Network and Virtual Private Network (VPN) Throughput

3.2 Standards Certification

The field-hardened appliance shall have the following standard certification as a minimum:

- a) NEMA TS2-2003 Certification
- b) FCC Part 15 Certified
- c) ICES-003 (Issue 2) Certified

TCC Equipment

At the TMC, located at 3929 Aviation Circle, the following shall be included to ensure a fully operational, automated system:

- a) Video Detection Software and Communication Server
- b) Data Collection & Management System (DCMS) Server
- c) Network Security Server
- d) Media Server

SPECIAL CONDITIONS

The successful vendor shall be responsible to install and implement the above equipment and software using IMSA certified personnel. IMSA certifications shall be submitted with the bid package. Failure to submit the certifications will constitute a non qualifying bid.

The successful vendor must have designed and implemented at least three similar systems and provide references.

SECTION 7
PRICING FORMS

TCC Control System

Total project cost: \$ _____