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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
STANDARD WRITTEN AGREEMENT

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PROCUREMENT
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Agreement No. BEF74
Financial Project I.D. _____
F.E.I.D. No.: 62-1368537-005
Appropriation Bill Number(s)/Line Item Number(s) for 1st year of
contract, pursuant to s. 216.313, F.S.: _____
(required for contracts in excess of \$5 million)
Procurement No.: DOT-RFP-23-9053-SD
DMS Catalog Class No.: 31381100, 81102201

BY THIS AGREEMENT, made and entered into on 06/07/2023 by and between the
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the "Department" and Southern Traffic
Services, of 2911 Westfield Road, Gulf Breeze, FL 32563 duly authorized to conduct business in the State of Florida,
hereinafter called "Vendor," hereby agree as follows:

1. SERVICES AND PERFORMANCE

- A. In connection with Statewide Continuous Count Station Installation and Maintenance, the Department does hereby retain the Vendor to furnish certain services, information, and items as described in Exhibit "A," attached hereto and made a part hereof.
- B. Before making any additions or deletions to the work described in this Agreement, and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and shall enter into an Amendment covering such work and compensation. Reference herein to this Agreement shall include any amendment(s).
- C. All tracings, plans, specifications, maps, computer files, and reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived therefrom, shall be the exclusive property of the Department without restriction or limitation on their use and shall be made available, upon request, to the Department at any time during the performance of such services and/or upon completion or termination of this Agreement. Upon delivery to the Department of said document(s), the Department shall become the custodian thereof in accordance with Chapter 119, Florida Statutes. The Vendor shall not copyright any material and products or patent any invention developed under this Agreement. The Department shall have the right to visit the site for inspection of the work and the products of the Vendor at any time.
- D. All final plans, documents, reports, studies, and other data prepared by the Vendor shall bear the professional's seal/signature, in accordance with the applicable Florida Statutes, Administrative Rules promulgated by the Department of Business and Professional Regulation, and guidelines published by the Department, in effect at the time of execution of this Agreement. In the event that changes in the statutes or rules create a conflict with the requirements of published guidelines, requirements of the statutes and rules shall take precedence.
- E. The Vendor agrees to provide project schedule progress reports in a format acceptable to the Department and at intervals established by the Department. The Department shall be entitled at all times to be advised, at its request, as to the status of work being done by the Vendor and of the details thereof. Coordination shall be maintained by the Vendor with representatives of the Department, or of other agencies interested in the project on behalf of the Department. Either party to this Agreement may request and be granted a conference.
- F. All services shall be performed by the Vendor to the satisfaction of the Director who shall decide all questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount of value thereof; and the decision upon all claims, questions, and disputes shall be final and binding upon the parties hereto. Adjustments of compensation and contract time because of any major changes in the work that may become necessary or desirable as the work progresses shall be subject to mutual agreement of the parties, and amendment(s) shall be entered into by the parties in accordance herewith.

Reference herein to the Director shall mean the
Executive Director of Transportation Technology

2. TERM

- A Initial Term. This Agreement shall begin on date of execution and shall remain in full force and effect through completion of all services required or 6 (six) years, whichever occurs first. Subsequent to the execution of this Agreement by both parties, the services to be rendered by the Vendor shall commence and be completed in accordance with the option selected below. (Select box and indicate date(s) as appropriate):

☐ Services shall commence _____ and shall be completed by _____ or date of termination, whichever occurs first.

☒ Services shall commence upon written notice from the Department's Contract Manager and shall be completed by 6 (six) year from the date of execution or date of termination, whichever occurs first.

☐ Other: See Exhibit "A"

- B. RENEWALS (Select appropriate box):

☐ This Agreement may not be renewed.

☒ This Agreement may be renewed for a period that may not exceed three (3) years or the term of the original contract, whichever is longer. Renewals are contingent upon satisfactory performance evaluations by the Department and subject to the availability of funds. Costs for renewal may not be charged. Any renewal or extension must be in writing and is subject to the same terms and conditions set forth in this Agreement and any written amendments signed by the parties.

- C. EXTENSIONS. In the event that circumstances arise which make performance by the Vendor impracticable or impossible within the time allowed or which prevent a new contract from being executed, the Department, in its discretion, may grant an extension of this Agreement. Extension of this Agreement must be in writing for a period not to exceed six (6) months and is subject to the same terms and conditions set forth in this Agreement and any written amendments signed by the parties; provided the Department may, in its discretion, grant a proportional increase in the total dollar amount based on the method and rate established herein. There may be only one extension of this Agreement unless the failure to meet the criteria set forth in this Agreement for completion of this Agreement is due to events beyond the control of the Vendor.

It shall be the responsibility of the Vendor to ensure at all times that sufficient time remains in the Project Schedule within which to complete services on the project. In the event there have been delays which would affect the project completion date, the Vendor shall submit a written request to the Department which identifies the reason(s) for the delay and the amount of time related to each reason. The Department shall review the request and make a determination as to granting all or part of the requested extension.

3. COMPENSATION AND PAYMENT

- A Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Chief Financial Officer of the State of Florida under Chapters 215 and 216, Florida Statutes. If the Department determines that the performance of the Vendor is unsatisfactory, the Department shall notify the Vendor of the deficiency to be corrected, which correction shall be made within a time-frame to be specified by the Department. The Vendor shall, within five days after notice from the Department, provide the Department with a corrective action plan describing how the Vendor will address all issues of contract non-performance, unacceptable performance, failure to meet the minimum performance levels, deliverable deficiencies, or contract non-compliance. If the corrective action plan is unacceptable to the Department, the Vendor shall be assessed a non-performance retainage equivalent to 10% of the total invoice amount. The retainage shall be applied to the invoice for the then-current billing period. The retainage shall be withheld until the vendor resolves the deficiency. If the deficiency is subsequently resolved, the Vendor will bill the Department for the retained amount during the next billing period. If the Vendor is unable to resolve the deficiency, the

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funds retained will be forfeited at the end of the agreement period.

- B. If this Agreement involves units of deliverables, then such units must be received and accepted in writing by the Contract Manager prior to payments.
- C. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper preaudit and postaudit thereof.
- D. The bills for any travel expenses, when authorized by terms of this Agreement and by the Department's Project Manager, shall be submitted on the Department's Travel Form No. 300-000-06 and will be paid in accordance with Section 112.061, F.S and the most current version of the Disbursement Handbook for Employees and Managers.
- E. Vendors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless otherwise specified herein. The Department has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.
- F. If a payment is not available within forty (40) days, a separate interest penalty as established pursuant to Section 215.422, Florida Statutes, shall be due and payable, in addition to the invoice amount, to the Vendor. Interest penalties of less than one (1) dollar shall not be enforced unless the Vendor requests payment. Invoices which have to be returned to a Vendor because of Vendor preparation errors shall result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.
- G. The State of Florida, through the Department of Management Services, has instituted MyFloridaMarketPlace, a statewide eProcurement system. Pursuant to Section 287.057(22), Florida Statutes, all payments shall be assessed a transaction fee of one percent (1%), which the Vendor shall pay to the State. For payments within the State accounting system (FLAIR or its successor), the transaction fee shall, when possible, be automatically deducted from payments to the Vendor. If automatic deduction is not possible, the Vendor shall pay the transaction fee pursuant to Rule 60A-1.031 (2), Florida Administrative Code. By submission of these reports and corresponding payments, Vendor certifies their correctness. All such reports and payments shall be subject to audit by the State or its designee. The Vendor shall receive a credit for any transaction fee paid by the Vendor for the purchase of any item(s) if such item(s) are returned to the Vendor through no fault, act, or omission of the Vendor. Notwithstanding the foregoing, a transaction fee is non-refundable when an item is rejected or returned, or declined, due to the Vendor's failure to perform or comply with specifications or requirements of the Agreement. Failure to comply with these requirements shall constitute grounds for declaring the Vendor in default and recovering reprourement costs from the Vendor in addition to all outstanding fees. **VENDORS DELINQUENT IN PAYING TRANSACTION FEES MAY BE EXCLUDED FROM CONDUCTING FUTURE BUSINESS WITH THE STATE.**
- H. A vendor ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850)413-5516.
- I. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for three (3) years after final payment for the work pursuant to this Agreement is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred shall include the Vendor's general accounting records and the project records, together with supporting documents and records of the Vendor and all subcontractors performing work on the project, and all other records of the Vendor and subcontractors considered necessary by the Department for a proper audit of project costs.
- J. The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the comptroller of the Department that funds are available prior to entering into any

such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one (1) year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years. Accordingly, the Department's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature.

4. INDEMNITY AND PAYMENT FOR CLAIMS

- A INDEMNITY: To the extent permitted by Florida Law, the Vendor shall indemnify and hold harmless the Department, its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by negligence, recklessness, or intentional wrongful misconduct of the Vendor and persons employed or utilized by the Vendor in the performance of this Agreement.

It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of the Agreement to create in the public or any member thereof, a third party beneficiary hereunder, or to authorize anyone not a party to this Agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Agreement.

PAYMENT FOR CLAIMS: The Vendor guaranties the payment of all just claims for materials, supplies, tools, or labor and other just claims against the Vendor or any subcontractor, in connection with the Agreement. The Department's final acceptance and payment does not release the Vendor's bond until all such claims are paid or released.

- B LIABILITY INSURANCE. (Select and complete as appropriate):

☐ No general liability insurance is required.

☒ The Vendor shall carry and keep in force during the term of this Agreement, a general liability insurance policy or policies with a company or companies authorized to do business in Florida, affording public liability insurance with a combined bodily injury limits of at least \$200,000.00 per person and \$300,000.00 each occurrence, and property damage insurance of at least \$200,000.00 each occurrence, for the services to be rendered in accordance with this Agreement

☐ The Vendor shall have and maintain during the term of this Agreement, a professional liability insurance policy or policies or an irrevocable letter of credit established pursuant to Chapter 675 and Section 337.106, Florida Statutes, with a company or companies authorized to do business in the State of Florida, affording liability coverage for the professional services to be rendered in accordance with this Agreement in the amount of \$_____.

- C WORKERS' COMPENSATION. The Vendor shall also carry and keep in force Workers' Compensation insurance as required for the State of Florida under the Workers' Compensation Law.

- D PERFORMANCE AND PAYMENT BOND. (Select as appropriate):

☐ No Bond is required.

☒ Prior to commencement of any services pursuant to this Agreement and at all times during the term hereof, including renewals and extensions, the Vendor will supply to the Department and keep in force a bond provided by a surety authorized to do business in the State of Florida, payable to the Department and conditioned for the prompt, faithful, and efficient performance of this Agreement according to the terms and conditions hereof and within the time periods specified herein, and for the prompt payment of all persons furnishing labor, materials, equipment, and supplies therefor.

- E CERTIFICATION.

With respect to any general liability insurance policy required pursuant to this Agreement, all such policies shall be issued by companies licensed to do business in the State of Florida. The Vendor shall provide to the Department certificates showing the required coverage to be in effect with endorsements showing the Department to be an additional insured prior to commencing any work under this Contract.

Policies that include Self Insured Retention (SIR) will not be accepted. The certificates and policies shall provide that in the event of any material change in or cancellation of the policies reflecting the required coverage, thirty days advance notice shall be given to the Department or as provided in accordance with Florida law.

5. COMPLIANCE WITH LAWS

- A The Vendor shall comply with Chapter 119, Florida Statutes. Specifically, the Vendor shall:
- (1) Keep and maintain public records required by the Department to perform the service.
 - (2) Upon request from the Department's custodian of public records, provide the Department with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 - (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Vendor does not transfer the records to the Department.
 - (4) Upon completion of the Agreement, transfer, at no cost, to the Department, all public records in possession of the Vendor or keep and maintain public records required by the Department to perform the service. If the Vendor transfers all public records to the Department upon completion of the Agreement, the Vendor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Vendor keeps and maintains public records upon completion of the Agreement, the Vendor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Department, upon request from the Department's custodian of public records, in a format that is compatible with the information technology systems of the Department.

Failure by the Vendor to comply with Chapter 119, Florida Statutes, shall be grounds for immediate unilateral cancellation of this Agreement by the Department.

IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE VENDOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Central Office
850-414-5355
COprcustodian@dot.state.fl.us
Office of the General Counsel
Florida Department of Transportation
605 Suwannee Street, MS 58
Tallahassee, Florida 32399-0458

- B The Vendor agrees that it shall make no statements, press releases or publicity releases concerning this Agreement or its subject matter or otherwise discuss or permit to be disclosed or discussed any of the data or other information obtained or furnished in compliance with this Agreement, or any particulars thereof, during the period of the Agreement, without first notifying the Department's Contract Manager and securing prior written consent. The Vendor also agrees that it shall not publish, copyright, or patent any of the data developed under this Agreement, it being understood that such data or information are works made for hire and the property of the Department.

- C. The Vendor shall comply with all federal, state, and local laws and ordinances applicable to the work or payment for work thereof, and will not discriminate on the grounds of race, color, religion, sex, national origin, age, or disability in the performance of work under this Agreement.
- D. If the Vendor is licensed by the Department of Business and Professional Regulation to perform the services herein contracted, then Section 337.162, Florida Statutes, applies as follows:
 - (1) If the Department has knowledge or reason to believe that any person has violated the provisions of state professional licensing laws or rules, it shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. The complaint shall be confidential.
 - (2) Any person who is employed by the Department and who is licensed by the Department of Business and Professional Regulation and who, through the course of the person's employment, has knowledge to believe that any person has violated the provisions of state professional licensing laws or rules shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. Failure to submit a complaint about the violations may be grounds for disciplinary action pursuant to Chapter 455, Florida Statutes, and the state licensing law applicable to that licensee. The complaint shall be confidential.
 - (3) Any complaints submitted to the Department of Business and Professional Regulation are confidential and exempt from Section 119.07(1), Florida Statutes, pursuant to Chapter 455, Florida Statutes, and applicable state law.
- E. The Vendor covenants and agrees that it and its employees and agents shall be bound by the standards of conduct provided in applicable law and applicable rules of the Board of Business and Professional Regulation as they relate to work performed under this Agreement. The Vendor further covenants and agrees that when a former state employee is employed by the Vendor, the Vendor shall require that strict adherence by the former state employee to Sections 112.313 and 112.3185, Florida Statutes, is a condition of employment for said former state employee. These statutes will by reference be made a part of this Agreement as though set forth in full. The Vendor agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed pursuant to this Agreement.
- F. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months following the date of being placed on the convicted vendor list.
- G. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity.
- H. The Department shall consider the employment by any vendor of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If the Vendor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this agreement.
- I. The Vendor agrees to comply with the Title VI Nondiscrimination Contract Provisions, Appendices A and E, available at <http://www.dot.state.fl.us/procurement/index.shtml>, incorporated herein by reference and made a part of this Agreement.

- J. Pursuant to Section 216.347, Florida Statutes, the vendor may not expend any State funds for the purpose of lobbying the Legislature, the judicial branch, or a state agency.
- K. Any intellectual property developed as a result of this Agreement will belong to and be the sole property of the State. This provision will survive the termination or expiration of the Agreement.
- L. The Vendor agrees to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.

6. TERMINATION AND DEFAULT

- A. This Agreement may be canceled by the Department in whole or in part at any time the interest of the Department requires such termination. The Department reserves the right to terminate or cancel this Agreement in the event an assignment be made for the benefit of creditors.
- B. If the Department determines that the performance of the Vendor is not satisfactory, the Department shall have the option of (a) immediately terminating the Agreement, or (b) notifying the Vendor of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Agreement will be terminated at the end of such time, or (c) taking whatever action is deemed appropriate by the Department.
- C. If the Department requires termination of the Agreement for reasons other than unsatisfactory performance of the Vendor, the Department shall notify the Vendor of such termination, with instructions as to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.
- D. If the Agreement is terminated before performance is completed, the Vendor shall be paid only for that work satisfactorily performed for which costs can be substantiated. Such payment, however, may not exceed an amount which is the same percentage of the agreement price as the amount of work satisfactorily completed is a percentage of the total work called for by this Agreement. All work in progress shall become the property of the Department and shall be turned over promptly by the Vendor.
- E. A Vendor is ineligible to enter into a contract with the Department for goods or services of any amount if, at the time of entering into such contract, the Vendor is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135, Florida Statutes, also prohibits companies from entering into a contract for goods or services of \$1 million or more that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes. If the Department determines the Vendor submitted a false certification under Section 287.135 of the Florida Statutes, the Department shall either terminate the Contract after it has given the Vendor notice and an opportunity to demonstrate the Department's determination of false certification was in error pursuant to Section 287.135 of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135 of the Florida Statutes are met.

7. ASSIGNMENT AND SUBCONTRACTS

- A. The Vendor shall maintain an adequate and competent staff so as to enable the Vendor to timely perform under this Agreement and may associate with it such subcontractors, for the purpose of its services hereunder, without additional cost to the Department, other than those costs within the limits and terms of this Agreement. The Vendor is fully responsible for satisfactory completion of all subcontracted work. The Vendor, however, shall not sublet, assign, or transfer any work under this Agreement to other than subcontractors specified in the proposal, bid, and/or Agreement without the written consent of the Department.
- B. Select the appropriate box:
 - ☐ The following provision is not applicable to this Agreement:
 - ☐ The following provision is hereby incorporated in and made a part of this Agreement:

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- ☐ It is expressly understood and agreed that any articles that are the subject of, or required to carry out this Agreement shall be purchased from a nonprofit agency for the blind or for the severely handicapped that is qualified pursuant to Chapter 413, Florida Statutes, in the same manner and under the same procedures set forth in Section 413.036(1) and (2), Florida Statutes; and for purposes of this Agreement the person, firm, or other business entity (Vendor) carrying out the provisions of this Agreement shall be deemed to be substituted for the state agency (Department) insofar as dealings with such qualified nonprofit agency are concerned. RESPECT of Florida provides governmental agencies within the State of Florida with quality products and services produced by persons with disabilities. Available pricing, products, and delivery schedules may be obtained by contacting:

RESPECT
2475 Apalachee Pkwy
Tallahassee, Florida 32301-4946
Phone: (850)487-1471

- ☐ The following provision is hereby incorporated in and made a part of this Agreement:
It is expressly understood and agreed that any articles which are the subject of, or required to carry out this Agreement shall be purchased from the corporation identified under Chapter 946, Florida Statutes, in the same manner and under the procedures set forth in Sections 946.515(2) and (4), Florida Statutes; and for purposes of this Agreement the person, firm, or other business entity (Vendor) carrying out the provisions of this Agreement shall be deemed to be substituted for this agency (Department) insofar as dealings with such corporation are concerned. The "corporation identified" is Prison Rehabilitative Industries and Diversified Enterprises, Inc. (PRIDE). Available pricing, products, and delivery schedules may be obtained by contacting:

PRIDE Enterprises
12425 - 28th Street, North
St. Petersburg, FL 33716-1826 (800)643-8459

- ☒ This Agreement involves the expenditure of federal funds and Section 946.515, Florida Statutes, as noted above, does not apply. However, Appendix I is applicable to all parties and is hereof made a part of this Agreement.

8. MISCELLANEOUS

- A. The Vendor and its employees, agents, representatives, or subcontractors are not employees of the Department and are not entitled to the benefits of State of Florida employees. Except to the extent expressly authorized herein, Vendor and its employees, agents, representatives, or subcontractors are not agents of the Department or the State for any purpose or authority such as to bind or represent the interests thereof, and shall not represent that it is an agent or that it is acting on the behalf of the Department or the State. The Department shall not be bound by any unauthorized acts or conduct of the Vendor or its employees, agents, representatives, or subcontractors. Vendor agrees to include this provision in all its subcontracts under this Agreement.
- B. All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.
- C. This Agreement embodies the whole agreement of the parties. There are no promises, terms, conditions, or obligations other than those contained herein, and this Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto. The State of Florida terms and conditions, whether general or specific, shall take precedence over and supersede any inconsistent or conflicting provision in any attached terms and conditions of the Vendor.
- D. It is understood and agreed by the parties hereto that if any part, term or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the State of Florida, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall

be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.

- E. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.
- F. In any legal action related to this Agreement, instituted by either party, the Vendor hereby waives any and all privileges and rights it may have under Chapter 47 and Section 337.19, Florida Statutes, relating to venue, as it now exists or may hereafter be amended, and any and all such privileges and rights it may have under any other statute, rule, or case law, including, but not limited to those grounded on convenience. Any such legal action may be brought in the appropriate Court in the county chosen by the Department and in the event that any such legal action is filed by the Vendor, the Vendor hereby consents to the transfer of venue to the county chosen by the Department upon the Department filing a motion requesting the same.
- G. If this Agreement involves the purchase or maintenance of information technology as defined in Section 282.0041, Florida Statutes, the selected provisions of the attached Appendix II are made a part of this Agreement.
- H. If this Agreement is the result of a formal solicitation (Invitation to Bid, Request for Proposal or Invitation to Negotiate), the Department of Management Services Forms PUR1000 and PUR1001, included in the solicitation, are incorporated herein by reference and made a part of this Agreement.
- I. The Department may grant the Vendor's employees or subconsultants access to the Department's secure networks as part of the project. In the event such employees' or subconsultants' participation in the project is terminated or will be terminated, the Vendor shall notify the Department's project manager no later than the employees' or subconsultants' separation date from participation in the project or immediately upon the Vendor acquiring knowledge of such termination of employees' or subconsultants' participation in the project, whichever occurs later.
- J. Vendor/Contractor:
 - 1. shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and
 - 2. shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term; and
 - 3. shall adhere to requirements in section 448.095, Florida Statutes.
- K. Time is of the essence as to each and every obligation under this Agreement.
- L. The following attachments are incorporated and made a part of this agreement:
Exhibit "A" Scope of Services; Exhibit "B" Method of Compensation, Exhibit "C" Price Sheet; Appendix A; Appendix B; Appendix C; Appendix D.
- M. Other Provisions:
DOT-RFP-23-9053-SD, Special Conditions #37: Liquidated Damages is made part of this Agreement.

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IN WITNESS WHEREOF, the parties have executed this Agreement by their duly authorized officers on the day, month and year set forth above.

Southern Traffic Services, Inc.

Name of Vendor

DocuSigned by:

BY:

Eyal Hen

Authorized Signature

Eyal Hen

(Print/Type)

Title: CFO

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DocuSigned by:

BY:

Trey Tillander

Authorized Signature

Trey Tillander

(Print/Type)

Title: Executive Director of Transportation Technology

FOR DEPARTMENT USE ONLY

APPROVED:

DocuSigned by:

Paul Baker

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LEGAL REVIEW

DocuSigned by:

Larry Kingers

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Exhibit “A”

Scope of Services

Continuous Count Station (CCS) Installation and Maintenance Services

1. INTRODUCTION

Background and Purpose

The Florida Department of Transportation (FDOT) is seeking proposals from Vendors interested in providing Continuous Count Station (CCS) Installation and Maintenance Services. This Request For Proposal (RFP) seeks to identify qualified Vendors to provide the above-mentioned services throughout the State of Florida. The Department anticipates that this solicitation will be a one-step process whereby the Department will select the most qualified Vendor based on the information received with this solicitation. All respondents to this RFP are subject to instructions communicated in this document and should completely review the entire RFP and follow instructions carefully. FDOT reserves the right to modify contract provisions or include additional provisions, not addressed herein. FDOT reserves the right to reject any or all Proposals.

General Project Information

FDOT's Traffic Monitoring Program currently has 340 active Continuous Count Station (CCS) locations; some of which require two entirely separate all-inclusive traffic monitoring equipment systems due to the number of lanes and the median width between directions of travel. Of these, 45 are Weigh-In-Motion (WIM) Stations for collecting truck volumes, speeds, classification, and weight data.

These CCS are located statewide on all functional classes of roads. These sites collect continuous traffic count data that are key elements of FDOT's Annual Average Daily Traffic (AADT) estimate development program. See the CCS Listing attachment (Appendix A) for site location information. Perspective Vendors should expect that the number of traffic count sites will vary over the course of the contract.

Short Term Count Stations (STCS) are sites that have sensors installed in the roadway, side fire radar, road tubes, and portable counters connected and collect data over short duration periods. The districts maintain the STCS sites under other contracts and are not a consideration for this contract. Conversion of a STCS to a CCS is within the purview of this contract.

The basic components of CCS locations are in-road traffic sensors (inductive loops and piezoelectric sensors), sensor lead-in cables, traffic count equipment cabinets, non-intrusive sensors, poles (aluminum), junction (pull) boxes, solar panels, terminal blocks, grounding material, surge protection, batteries, wire, and conduit as necessary. Currently each CCS is equipped with either a PEEK ADR 3000, PEEK ADR WIM, Diamond Phoenix II, HT-EMU3 AV8 CLASS, HT-EMU3 WIM or IRD iSINC Lite counter, cameras, modems, and communications services round out the CCS equipment on site. Awarded Vendor should expect additional devices to be added to select CCS as directed by the Department.

There are CCS sites that have WIM sensors in multiple lanes that are currently collecting WIM data. The basic components of these stations are in-road traffic sensors consisting of either two piezoelectric sensors with one 8x6 loop in

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a piezo-loop-piezo configuration or a bending plate array that also uses inductive loops for presence sensing.

Selected CCS sites throughout the state are identified as Real-time Polling sites. These sites are located on Emergency Evacuation routes, and have loops imbedded in the roadway shoulder to capture traffic flow when Emergency Shoulder Use (ESU) is activated. FDOT is using a department developed interface to communicate and download data from these sites at regular intervals when an evacuation order is issued.

2. PROJECT SCOPE & REQUIREMENTS

This RFP is a request to receive qualification and price proposals from Vendors interested in assisting the Department in a CCS maintenance and construction contract. The response will include the installation, repair, upgrade and maintenance of CCS locations, as well as the review and analysis of traffic data collected at the sites as for troubleshooting and performance validation. The Department must be able to maintain continuous operation of CCS equipment and sites, requiring the resulting contract to ensure that the Department's CCS equipment and sites are continuously repaired and maintained as required.

It is anticipated that the following requirements will be expected, these requirements represent the most current information. The anticipated project requirements include but are not limited to:

a. Technical Expertise

FDOT is seeking a Vendor with the technical expertise to install, maintain and operate CCS sites in accordance with the standards and specifications of this contract to collect the desired traffic data as referenced in the Vehicle Classification Monitoring and Truck Weight Monitoring chapters of FHWA's Traffic Monitoring Guide (TMG), as well as in accordance with Standard Specifications for Road & Bridge Construction 695 and the Traffic Monitoring Handbook. The Vendor shall have sufficient knowledge of the traffic data collection industry and operational flexibility to research and test new technologies, when approved by FDOT, and work toward implementing those technologies that will improve FDOT's traffic collection program.

b. Vendor Provided Materials, Labor, and Equipment

The Vendor shall provide all materials, services, and equipment (including tools and vehicles), except for the counters, which FDOT will supply to the Vendor. This includes Class II piezo-electric sensors, Kistler quartz WIM, Bending Plates, traffic cabinets, pull boxes, poles, solar panels, batteries, surge protection, conduit, modems, wire, sealant, and epoxy materials, etc. All equipment and materials, installed as a part of this contract, are permanently installed, and become the property of FDOT. The Vendor will be responsible for warranty and contract maintenance for all equipment per the terms of this document.

All equipment and material used in conjunction with this contract must comply with the FDOT Standard Specifications for Road and Bridge Construction and its supplements (current edition). **The FDOT Project Manager will decide whether submitted products are satisfactory for the intended use.** Product approval may be issued for a single work order, a single site, a period, or the contract, at the discretion of the FDOT Project Manager.

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Material Safety Data Sheets (MSDS, Appendix B) are required for materials used in this contract. Prior to commencement of work, the successful Vendor shall provide the FDOT Project Manager with these. During the life of the contract, MSDS shall be provided when new materials are used, changes occur in existing materials, or at the request of the FDOT Project Manager.

All work shall be completed in a neat workmanship-like manner, and to the standards of the industry. The Vendor shall procure all manuals and regulations quoted in this contract.

All vehicles shall have a current inspection and registration from the state where the vehicle is registered. Vehicles shall be insured in accordance with the state's requirements. Vendor's equipment and operators shall comply with all applicable Department of Motor Vehicles, State, and Federal regulations, conditions, and operations of said vehicles. The name of the Vendor shall be displayed on both sides of all work vehicles while on state right-of-way.

c. Warranty

Each item installed shall have a warranty of at least one (1) year. Said warranty will begin upon final acceptance of the work performed under each individual Task Work Order (TWO) by FDOT. The manufacturer's product warranty shall be transferred to FDOT upon acceptance but shall in no way limit the warranty prescribed herein. Any equipment or labor found to be defective prior to the final acceptance shall be replaced or corrected at the Vendor's expense.

The Vendor will be responsible for replacement of equipment that malfunctions due to factory defect or poor workmanship for a period of one (1) year. The Vendor will provide mobilization and must follow FDOT Standard Plans for Maintenance of Traffic (MOT) for this work at no charge to FDOT.

d. Inventory

The Vendor will be responsible for maintaining an inventory of all equipment owned by FDOT (equipment issued with FDOT property numbers, modems, sensors, cabinets, batteries, and solar panels) that is in their possession, and replacement if lost. This includes equipment stored at the Vendor's warehouse or in the Vendor's technician and/or construction crew vehicles.

e. Work Zone Safety

The Vendor shall provide for work zone safety and traffic lane closures in accordance with the most current version of the Manual on Uniform Traffic Control Devices (MUTCD). All work zone safety equipment, including signs, shall be the responsibility of the Vendor to provide. Equipment/personnel that may be required for work zone safety includes, but is not limited to, crash cushions, flag personnel, vehicle-warning lights, signs, traffic cones, traffic barrels, and personal safety equipment. As a minimum, all personnel working in or along the side of the road shall wear adequate clothing to protect the skin against sunburn and insect bites, and to project a professional image to the motoring public. This includes the wearing of shirts with sleeves (at least short sleeve in length), long pants and socks. They shall also always wear approved safety vests and hard hats when a bucket truck is in use, steel toe shoes when saws, trenchers, etc. are in operation.

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All safety equipment shall meet FDOT specifications contained in MUTCD and FDOT Standard Specifications. All contract personnel who work in the field shall be trained in safety and shall be certified as a flag person according to the FDOT Flaggers training. The Vendor must have four (4) Traffic Certified staff with one on site the entire time a lane closure is in effect. American Traffic Safety Services Association (ATSSA) or National Safety Council certifications are the only accepted training recognized by FDOT. Certification cards for all field contract personnel shall be carried on their persons for the duration of contract work. The FDOT Project Manager will require attendance of all field contract personnel to have Flagger training as a prerequisite for working on the project.

Prior to dispatching a work crew to a location at which lane closures will be required, a Vendor employee knowledgeable in the requirements of the MUTCD will develop a work zone setup plan for each proposed work location and submit to the appropriate District staff.

Work shall be performed in a timely manner to ensure as little disruption to the traffic flow as possible. The work location and schedule will require approval from the FDOT Project Manager one week prior to planned work activities. The Vendor must be able to close lanes, complete sensor installation and open all lanes to traffic within 8-hours for a 6-lane section of roadway. The Vendor must be able to complete lane closure, sensor installation and open all lanes to traffic in a 2-lane section within 3-hours. The Vendor shall coordinate with the appropriate District Staff and or other FDOT offices to ensure meeting all District-specific safety requirements. The FDOT Project Manager or the District Office may provide other personnel and agencies (City Engineers, Utilities, etc.) that the Vendor shall also be responsible for coordinating with regarding contract work and lane closure. The FDOT Project Manager will assist by providing information regarding initial points of contact in each District. The Vendor shall keep an electronic record of FDOT and other agency personnel with whom they coordinate work. This listing shall be submitted to the FDOT Project Manager upon request.

The Vendor shall be responsible for contacting Sunshine Florida 811 and ensuring that buried utilities are marked prior to beginning work at a location that may require digging or trenching. The Vendor shall also be responsible for contacting appropriate local FDOT offices or other FDOT Vendors for the marking of FDOT utilities and acquiring appropriate permits via FDOT's One Stop Permitting service at (<https://osp.fdot.gov/#/ContentPage/18ccf98b-9dba-48a8-b5ea-a78e01198699>).

At selected locations, the Vendor shall coordinate and schedule the use of Florida Highway Patrol Officers or local police support in the work zone as an additional safety measure. Police support will be paid as a distinct line item. At other locations, FDOT may also require police support. Vendor may request approval for police support at other locations but must receive prior approval from the FDOT Project Manager in order for payment to be made for these services.

f. Contract Personnel Requirement

The contract will be awarded to one qualified Vendor, with no sub-Vendors, except for police support and directional boring services only. A detailed staffing plan will be required. Vendors shall detail the organizational structure for the group they propose to work on this project. While the Vendor is responsible for setting personnel staffing levels to meet the requirements of this contract, the plan shall include information on the back-up for key positions so that

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absences such as vacation, sick time, etc. are accounted for without degradation to the mission. While this list should not be considered complete, examples of some key functions, key personnel and sub-tasks that should be included in the Vendor's plan are:

- a. **Program Management / Project Manager** – Provide program direction and coordination. This is the key contact between FDOT management and the contracted program. Accessibility (on-call access) to contract Program Management staff is key to overall program success. This position shall ensure all program coordination and reporting requirements are met, including all staff are efficiently hired, trained and terminated, as necessary.
- b. **Technical Expertise** – Provide guidance and training to staff on technical issues, review technical work such as response to maintenance services regarding electronics problems and failures. Coordinate and resolve problems with equipment suppliers. Conduct research into new technologies and materials and advise FDOT regarding implementation issues.
- c. **Construction/Schedule Management** – Project Manager or Supervisor. Prepares work order estimates and coordinate task work orders with the FDOT Project Manager. Schedule daily work. Review pre-construction inspection notes, inspection results and traffic data, confer with FDOT Project Manager and ensure installation/maintenance crews are aware of work requirements for each site. Coordinate schedules, lanes closures etc. with local FDOT, other government offices, utility marking services, police, etc. This includes timesheet/activity records for all field personnel working on TWOs.
- d. **Sensor Maintenance and Installation** – Repair and/or replace all field components of a CCS site in accordance with FDOT Specifications for Road and Bridge Construction.
- e. **Quality Control/Assurance** – QC/QA Supervisor. Even though FDOT does expect to have inspection staff available for this project, this is a key to Vendor success. Ensure contract specifications are followed in all areas, particularly for field maintenance, installation, and technical repair operations. Ensure the procedures manual is updated as required by the contract and FDOT Project Manager requests and the FDOT Project Manager has the most current version.
- f. **Technical Service Support** – Field Supervisor. Respond to operational trouble calls for electronics or communications equipment. Troubleshoot, install and repair electronics and communications equipment. Inspects sensors, document findings and recommend needed repairs. Perform annual calibration checks and pre/post maintenance inspections. Mark buried cables and remove equipment from stations when/where outside construction requires.

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- g. **Traffic Control Technician** – Develop the traffic control plans, submits drawings and paperwork for approval. Supervises the installation of approved traffic control, ensuring that all signs, cones, barrels etc. are in the appropriate locations and that all MUTCD and FDOT specifications, procedures and guidelines are followed. Certified in Traffic Control and is on site anytime a lane or shoulder is closed to traffic. Responsible for any updates or changes to the MUTCD or FDOT Specifications and guidelines and brings the Vendor into compliance within 30 days. Must be certified by ATSSA or National Safety Council in the development of traffic control plans and the installation of traffic control devices.
- h. **Administrative Support (NON-BILLABLE)** – Maintain files and communicate with the FDOT Project Manager. Ensure paperwork and documentation is submitted. Prepare and track invoices.
- i. **Training** - All contract personnel shall be knowledgeable in the requirements of the contract pertinent to their work and shall have sufficient skill and experience to properly perform the work assigned to them. At least two full-time staff member shall be knowledgeable in the electronic and telecommunications requirements of the contract. The Vendor shall provide a list of personnel along with their job duties and qualifications to the FDOT Project Manager at the beginning of each month. The list shall detail all personnel working on this contract. Any changes in duties or additions of new personnel must be coordinated with the FDOT Project Manager. The Vendor shall certify that all personnel are trained in accordance with the training program established for this contract and are able to perform the requirements of the contract. If the quality of work by any individual fails to meet the standards required by this contract, upon notification by the FDOT Project Manager, the Vendor shall take appropriate action to retrain or remove that individual. The FDOT Project Manager, Engineers or inspection staff may request that individuals without the appropriate skills be removed from tasks that are beyond their skill levels.

The Vendor shall hold a monthly meeting (**NON-BILLABLE**) with all current personnel for refresher training, to discuss safety and/or to discuss on-going issues. The FDOT Project Manager will provide topics for inclusion on the agenda at times. An agenda with notes from each meeting shall be submitted to the FDOT Project Manager as part of the monthly schedule.

PMI - Planning, Maintenance & Installation Annual Meeting

An annual Planning, Maintenance & Installation Meeting (**NON-BILLABLE**) will be held by the Transportation Data and Analytics (TDA) Office virtually with the option of in person at a location to be determined by TDA. The recommended attendees for this event is as follows: active field technicians and construction staff the Vendor has regularly working on this contract. This event is an information exchange opportunity that helps to ensure all the Vendors' staff are up to date on any changes to specification 695 of the Standard Specifications for Road and Bridge Construction and 695-001 Standard Index. Additionally, future changes to FDOT procedures and shared practices as they apply to this contract will be addressed at this event.

At a minimum, the following standards shall be met:

a. CCS Training

The CCS supplier's certified/qualified trainer shall train all employees responsible for the setup, troubleshooting or repair of CCS equipment. Training shall consist of factory (supplier) training and hands-on field training.

b. Road Sensor Installation Training

The Vendor shall conduct training for all employees that details the operational characteristics of the vehicle sensing equipment proposed to use. Training shall also cover sensor installation and maintenance procedures. Sensor installers and repair technicians need to be certified by the manufacturer. Certification shall be documented and supplied to the FDOT Project Manager.

c. New Employee

New employees shall receive the same live training that original employees received. Some consolidation of training will be allowed in the interest of efficiency. However, crew leaders shall always be trained personnel. Untrained personnel (due to consolidation of training for efficiency) shall not work with a crew leader with less than 6 months experience as a crew leader on a similar project. No more than one untrained person shall be assigned to a crew leader at a time.

d. Administration (NON-BILLABLE)

The FDOT Project Manager, and their designated representative, shall be invited to attend all training sessions. Detailed training plans shall be submitted to the FDOT Project Manager for comment prior to commencement of training. Training shall be conducted at least annually as refresher training, if not required sooner for new employees. The Vendor shall provide a list of all employees who attended each training session and the name and qualifications of the instructor to the FDOT Project Manager.

e. Procedures Manual

The Vendor shall provide to the FDOT Project Manager three (3) copies of its detailed work procedures manual. This manual shall include the step-by-step instructions for repair technicians, including equipment testing, service call procedures, installation of equipment, replacement of components, and all aspects of the road crew related work. Detailed electrical schematics of all cabinet wiring including grounding bonds and component placement within the cabinet shall be a part of the manual. Contract personnel and work crews shall have this manual available at the worksite and shall be familiar with its contents. The manual shall be a working document and shall be used as a reference guide while on site. Project Manager shall be notified of shortcomings and inaccuracies found in the manual by Vendor or FDOT personnel for appropriate correction and update of the manual. The Vendor shall provide updated copies of the manual to the FDOT Project Manager quarterly or as requested by the FDOT Project Manager for update of major changes. Updates shall be version controlled to enable immediate identification of the latest version.

f. Special Requirements

1. No person shall enter a work zone without training, permits and authorization. All FDOT Safety Regulations (<https://www.fdot.gov/roadway/TTC/Default.shtm>) shall be followed. All documentation related to the entry in a confined space or work zone shall be provided to the FDOT Project Manager with all post-construction related documentation prior to the commencement of work.
2. Two members of each crew shall hold current certification in basic first aid and Cardio-Pulmonary Resuscitation (CPR). Documentation shall be provided upon request to the FDOT Project Manager.
3. Two members of each crew shall hold current certification in Traffic Control. Documentation shall be provided upon request to the FDOT Project Manager. Certification must be on person when lane closure is in place.
4. FDOT requires as a general job responsibility that contract employees need to be appropriately trained in personal safety. First Aid, Lock-Out/Tag-Out, Fall Protection, and Confined Space awareness training will be the responsibility of the Vendor. The FDOT Project Manager shall be made aware of those employees having had training in these areas upon execution of contract..

g. Workmanship Sample

The FDOT Project Manager may require personnel performing key tasks related to system performance such as soldering, low voltage electrical wiring, splicing, and troubleshooting to perform those tasks in the presence of FDOT inspector for verification of workmanship abilities. The FDOT Project Manager will design the work sample and inspect the quality of work performed as the assigned task is carried out. The tasks will be completed at a location selected by the FDOT Project Manager. The individual performing the tasks will supply all tools and components to complete the task. The final product will be evaluated and the FDOT Project Manager will decide if the technician is qualified to perform the level of skilled work evaluated or whether the individual requires additional training.

h. Material/Tool Specifications

A comprehensive list of all materials and source suppliers will be maintained. All components and materials list shall be updated when a new approved item is added. All tools, including items such as hand drills, stirring paddles, grinders, cleaning chemicals will be listed by part number, size, type, and the function of the device. The detailed material/tool supply check sheet for all tasks to include precise component identification will be incorporated into the "Procedures Manual Handbook". Items deemed unacceptable by the FDOT Project Manager because of performance issues will be replaced/upgraded at the Vendor expense.

i. Vehicle Classification Table

The FDOT Project Manager must approve any vehicle classification tables used in this contract. In the future, use of any other classification table will require the FDOT Project Manager's approval before it may be used. To request a change in the table, the Vendor shall provide the FDOT Project Manager with a description of the request change, justification and a printed report showing the proposed classification table. Each approved classification table shall have a distinctive name that includes the month and year of approval for contract use. The FDOT Project Manager can require an update to the classification table at any time.

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Service Call Procedures

The Vendor shall have 5 calendar days to investigate, make site visits, make repairs, and respond back to FDOT after notification/receipt of a service call. The response back to FDOT shall include a date and time of site visits, technician's name, and a summary of the nature of the problem found and action taken. If the immediate action taken does not resolve the problem and additional time is needed, the Vendor shall provide a detailed quote detailing how the problem will be resolved. The FDOT Project Manager will have the final approval authority for the problem resolution plan. Digital photos shall be submitted to the FDOT Project Manager with the service call response if failed sensors or FDOT road maintenance are found or to back up the service call response. If the result of the service call site visit requires sensor(s) replacement, the Vendor shall notify the FDOT Project Manager, who may arrange for verification of the requirement. The FDOT Project Manager will contact the Vendor with repair/replace scheduling instructions. The sensor(s) shall then be scheduled for replacement as per issued Task Work Order (TWO).

If the findings of a service call indicate that FDOT road maintenance is the cause for the data problem, i.e., the roadway has been recently paved or sensors destroyed by milling, the FDOT Project Manager shall be immediately notified.

Sensor Replacement

A majority of road installation work required under this contract will be the replacement of individual sensors as they fail and the replacement of entire lanes of sensors destroyed by FDOT's road maintenance program.

Upon request the Vendor shall submit:

- a. A completed FDOT site inspection form (See Appendix C).
- b. An estimate of repairs based on the inspection form.

All sensors replaced by the Vendor shall have a one (1) year Vendor's warranty, which will begin upon acceptance of the installation work by the FDOT Project Manager. Any replaced sensor, which fails within the one (1) year period after acceptance due to installation, shall be replaced by the Vendor at Vendor's expense, to include mobilization and FDOT's MOT. The same standards for failure will be used for Vendor installed sensors as are used to determine if existing FDOT sensors require replacement. Piezos that fail to perform properly or degrade during the first year shall be evaluated to determine the mode of failure. The FDOT Project Manager reserves the right to make the final decision whether the piezo has degraded. The FDOT Project Manager may request a lane closure and participate in the removal and evaluation of any sensor to include FDOT developed tests of the sensor. Quality workmanship is key to the longevity of sensors. Sensors installed with poor workmanship may initially pass sensor reading tests; however, will be unacceptable to the FDOT Project Manager. The FDOT Project Manager may require replacement of such sensors or allow the continued use with a longer-term warranty from the Vendor. A post construction inspection shall also be performed on all warranty work completed and sent to the FDOT Project Manager within the specified period.

Work Schedules and Work Control Procedures

All CCS maintenance work shall be pre-approved by the FDOT Project Manager prior to the Vendor starting work at a location. The Vendor's approach and work plan shall include control procedures to ensure that approval is received prior to

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commencement of work, and that only required work is recommended. Features that shall be included with suggested guidelines:

a. Initial Work Schedule

The Vendor shall provide the FDOT Project Manager with an initial work schedule that indicates when all initial site visits and installation of contract count equipment, if an equipment change is being made, will be complete. It is FDOT's preference that CCSs remain continuously operating, and that as little disruption to traffic data available occurs during the transition process to a new contract.

b. CCS Preconstruction Inspection

After a review of FDOT road maintenance plans, the FDOT Project Manager will provide the Vendor with CCS locations where sensor maintenance work may be appropriate. The FDOT Project Manager may provide a priority of work to be performed at any time during this process. The FDOT Project Manager will require a preconstruction inspection of the CCS and roadway before maintenance construction work can begin. The inspection shall include a thorough test of all sensors and other CCS site components. A detailed FDOT Inspection form submitted electronically containing sensor test results, pavement condition, digital photographs and recommendations for repairs shall be submitted to the FDOT Project Manager. All digital photographs submitted for this contract shall be time and date stamped.

c. Task Work Order (TWO)

A written task work order will be issued by the FDOT Project Manager to initiate all work to be performed under this contract (see sample, Attachment -1). Such TWOs will specify the STCS or CCS to be serviced, the service to be performed, and the estimated costs to be incurred. Typically, a separate TWO will be issued for each site to be serviced. The exception to this will be for "site troubleshooting/technician" work or for work requiring similar, repetitive operations. A single TWO may be issued to utilize bucket truck operations at multiple locations. Determination of the number and location of sites to be included in any multi-site TWO will be by agreement between the Vendor and the FDOT Project Manager. Sites that do not download the previous day's data may require a site visit by an electronics technician to determine the cause of the problem. The repairs are performed at the cabinet, solar power pole or occasionally one of the pull boxes where wire splices are located. Typical repairs are of short duration and may include, but are not limited to modem, voltage regulator, battery, solar panel, and electronics replacement or repair, checking wiring connections, performing splices, recording readings from the various electronic devices, retrofitting sites with equipment upgrades such as wireless modem installations, or other work of a similar nature. In these TWOs, multiple sites will be "clustered" so that the anticipated work can be accomplished within one work week. This work week may exceed 60 hours without prior approval of the FDOT Project Manager if the negotiated standard hourly rate is not affected. Additional charges such as overtime are not permitted.

Within seven (7) calendar days of receipt of a written TWO, the Vendor shall acknowledge its receipt, acceptance of the work assignment, and agreement to the estimated costs allocated. This acknowledgment shall be accomplished by returning one copy of the TWO signed by an authorized company official to the FDOT Project Manager or processed through DocuSign. Except as noted above, all work on a TWO shall be satisfactorily

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completed within 60 business days of acknowledgment of said TWO. Any time required for acquisition of materials and supplies shall be included in this 60-day period. At the Vendor's request, time extensions may be granted by the FDOT Project Manager and documented in the TWO files. For TWOs requiring sensor replacement, the Vendor will, at no additional charge, send an electronics technician to the site to verify the problems listed in the TWO and to identify any additional work that may be required (pre-inspection).

All work accomplished as a result of this contract is subject to inspection by TDA technicians and must be approved by the FDOT Project Manager prior to acceptance of and payment for services rendered. The FDOT Project Manager shall be notified of the intended work schedule for each TWO at least five (5) working days in advance of any work being accomplished under said TWO and shall have 10 working days following notification of completion of work by the Vendor for inspection. Work not accepted and approved shall be corrected by the Vendor and re-inspected by FDOT within 10 working days following notification.

If the Vendor does not begin work by the end of the day provided by the Work Document, or if the assignment of work on the Work Document is not complete within the number of calendar days specified on the Work Document, then the Department may assess the Vendor, not as a penalty but as liquidated damages, a per day assessment of \$500.00.

Sites that have a separate cabinet for each direction (2-unit sites) will be considered "one" site for assigning TWOs except in the following instances:

1. When four or more lanes are being monitored in either direction
2. When guardrail or any other structure prohibits the workers and their equipment's ability to access both cabinets from one location
3. When more than 1,000 feet separate the sites cabinets

A foreman is required on TWOs calling for flaggers or closing of an active travel lane which involves site construction crews. A construction crew will have a foreman and an appropriate number of workers for the task to be performed in a timely manner. This includes the personnel required to set up and maintain the safety of the work zone.

d. Post-Construction Inspection Process

After completion of construction work, a post-construction inspection shall be completed and submitted to the FDOT Project Manager. There will not be a separate pay item for this inspection. This Post-Construction Inspection is used as a notification to the FDOT Project Manager that the Vendor has completed and reviewed its work and is ready for an FDOT acceptance inspection. This inspection shall include an electronic report containing all (both newly installed and existing) sensor readings, digital photos, GIS and a site sketch. All site installation sketches shall be done in AutoCAD, MicroStation, drawings, or in a format approved by the Department, and shall include a detailed drawing showing lane width, previous sensor arrays still in use, new sensors and all spacing. Newly installed sensors shall include the depth of installation, given in inches. Sensors that are paved over shall be noted on the drawing. The cabinet and location of trenching and conduits and grounding shall also be shown. All spacing between sensors, cabinets and other markings shall be measured in feet and inches. The name of the drawing

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maker and north arrow shall be shown on the sketch. After submission of the post-construction inspection, an FDOT inspector will make a final acceptance inspection. All post-construction inspection reports shall be sent to the FDOT Project Manager. Once notification of readiness for inspection by the Vendor has been received, FDOT acceptance testing will be conducted within 30 days. There will not be a separate pay item for this function.

Inspection reports (preconstruction and post-construction) shall be submitted to the FDOT Project Manager within 10 business days.

e. Payment

Only inspected and approved TWO work shall be eligible for invoicing. Invoices for TWOs completed and inspected shall be submitted to the FDOT Project Manager. After receipt of invoice, the Department has 10 working days to inspect and approve goods and services.

The Department will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Vendor or supplier. Such delays may include an area-wide shortage, an industry-wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Vendor shall furnish substantiating letters from a representative number of manufacturers of such materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc. No additional compensation will be made for delays caused by delivery of materials or component equipment.

f. Regularly Required Work Schedules

All road installation and maintenance work shall be coordinated with and approved by the appropriate local government authority, local controlling FDOT office and the FDOT Project Manager. Work requiring lane closures shall normally be limited to daytime hours Monday through Friday. Work at some locations (such as high traffic volume locations) will only be allowed during the nighttime hours. The FDOT Project Manager and FDOT District staff can require nighttime, weekend hours. Holiday periods will have additional restrictions regarding days and hours during which lane closures will be allowed, which may be determined by the local FDOT office or the FDOT Project Manager. The Vendor may work weekends with the approval of the FDOT Project Manager and the local government organization with authority to approve lane closures.

The Vendor shall provide the FDOT Project Manager with a schedule showing work planned during the upcoming week. The report shall be detailed and include the site location information, work order number, date of Pre-Construction Inspection and the crew leader.

The FDOT Project Manager shall have the authority to schedule meetings with Vendor management and employees as deemed necessary to manage the contract.

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FDOT Project Manager Requested Site Maintenance

The Vendor may be requested to perform additional site maintenance at CCS sites not related to the replacement of sensors or operation of CCS equipment. The following list contains examples of such work, which shall be completed if requested by the FDOT Project Manager. A pay or bid item is to be provided by the Vendor for each type of service as part of their Proposal:

a. Fill/Seal Cracks and Repair Potholes

At the request of the FDOT Project Manager, the Vendor shall fill/seal cracks and repair potholes around the sensors. The area shall include all cracks within 20-feet of the sensors. The repair technique, procedures, and materials will require approval by the FDOT Project Manager. Site maintenance will take place during normal operations when a lane closure is active or as requested by FDOT Project Manager and carry a one-year warranty.

b. Pest Deterrents

Pest deterrents (mothball, ant granular, cedar) shall be used at all CCS sites to prevent infestation.

c. Maintaining Vegetation

At the request of the FDOT Project Manager, the Vendor shall trim the vegetation in the immediate area of the CCS cabinet. This shall include the area in a 10-foot radius around the cabinet, but only within the FDOT right-of-way. The Vendor shall contact the FDOT Project Manager to clarify any questions regarding what is or is not the FDOT right-of-way. The method to be used for maintaining this area is non-tractor mowing and/or string-trimming.

The Vendor shall be responsible for trimming of trees and other vegetation that adversely affects the available sunlight reaching the solar panel and ultimately impacts the operation of CCS and modem equipment. Before performing trimming operations, the Vendor shall notify the FDOT Project Manager to receive approval to cut/trim.

Note: Normal maintenance during services calls and the various inspections of this contract shall include maintaining the counter, pull boxes cabinets, dispense pest deterrents and remove vegetation and/or graffiti from the cabinet post and solar panel and shall not be a separate pay item.

d. Annual/ CCS Certification Inspection

The Vendor shall perform this inspection upon the direction of the FDOT Project Manager. This inspection shall be performed within 30-days upon receipt of request. The completed report shall be sent to the FDOT Project Manager. This inspection shall include the following items:

- Visual check of sensors (for grout failure, road maintenance issues, etc.) This is a noninvasive inspection and should not include lane closures
- Visual check of site (cabinet, gaskets, solar panel angle / obstructions, etc.). Repair as necessary
- Check pull box (for water, empty if full of dirt, level with landscape, visual damages, line with river rock)
- Check all connections
- Check time/date of the data collection unit
- Sensor checks to include current reading
- Photograph the sensors and site to include photos of pole/cabinet/solar

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- Simple site sketch
- Check ground rod reading and ensure cad welding has been performed and notify the FDOT Project Manager of any discrepancies
- Monitor traffic and perform a count and classification audit
- Check cabinet mounting bolts: require gasket seals to prevent water from entering
- Locks may need to be adjusted or replaced if door is hard to open or shut
- Lubricate door hinges and locks
- Replace filters as needed
- Door gaskets shall be replaced if torn, missing, loose, open gaps where gaskets connect, (clean old gasket off door surface prior to replacing)
- Check seal around base of base mounted cabinets
- Implement appropriate pest/insect deterrent protocol
- Verify communications with FDOT before leaving site

Site Acceptance

A documented acceptance of each repaired, upgraded or newly installed site will be based on compliance with the current FDOT Standard Specifications for Road and Bridge Construction. An FDOT technician will inspect, sign, and date each site inspection sheet after all work has been completed to ensure specification compliance. FDOT will conduct final acceptance testing within 30-days of notification of readiness for inspection by the Vendor

Lightning/Surge Protection

The Vendor shall provide for lightning/surge protection at each CCS and be responsible for any damage caused by failed protection.

Post-Construction Maintenance

The Vendor shall compact and level the ground for planting grass seed in the FDOT right-of-way whenever contract construction work or service vehicles cause rutting or destruction of vegetation. The type of grass seed to be used must be approved by the FDOT Project Manager prior to use. Straw shall be spread over the newly sown grass. Gravel will be added as needed to restore the site to preconstruction conditions. There is not a separate pay item for this work. Costs shall be included in the individual construction pay items. The Site must be free of all trash once work is completed.

Vendor Representative

The Vendor shall provide the FDOT Project Manager with a contact name and phone number who shall be responsible for all contract work discussion. The FDOT Project Manager will coordinate administrative issues with the Vendor Representative but may at times require direct access to the Vendor's Field Technicians to discuss specific issues. To facilitate that contact, each contract team/employee shall have a cellular telephone at which they can be contacted during

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normal work hours. A list of all employees and their work hour phone number shall be provided to the FDOT Project Manager and shall be updated when changes occur.

Lane and Sensor Numbering

To ensure uniformity in numbering the road sensors, the following procedures shall be followed.

North/East outside/driving lane is Lane 1. The lead loop in Lane 1 shall be Loop 1A. The trail Loop in Lane 1 shall be Loop 1B. This numbering shall continue to the inside lane. Piezos shall be numbered matching the lane number. Numbers will continue in sequential order when crossing to the other direction of travel (See Appendix D).

3. Assignment of Pay Items

Pay Items are established and will be assigned for all work to be accomplished under this contract. Work assignments will be made through issuance of TWOs. All work is to be performed in accordance with the Pay Item Descriptions below and the documents referenced in the **Work Schedules and Work Control Procedures** section above. Each TWO will contain a detailed description of the work to be performed based on "best knowledge available at the time of issuance," and the compensation allocated for the TWO. Adjustments may be made to the Pay Items/quantities allocated, upon the Vendor's inspection of the worksite, at the discretion of the FDOT Project Manager. If the Vendor determines that additional work exceeding \$1,000.00 should be performed, they must get prior approval from the FDOT Project Manager. Said approval may be in writing or given verbally with written follow up documentation. The exception to the requirement for prior approval will be on technician TWOs where technicians may be redirected to visit additional sites or may encounter unanticipated problems requiring additional time and/or replacement of equipment or materials on-site. E-mail, fax or other written correspondence are acceptable and will be attached to the TWO files for future reference. Should adjustments be made, compensation will be recalculated for the items/quantities used to perform the work required in the TWO, as approved by the FDOT Project Manager, at the Contract Prices.

New Pay Items may be assigned if deemed by the FDOT Project Manager to be necessary to fulfill the intent of this contract. Should such Pay Items be assigned, compensation for same shall be as negotiated by the FDOT Project Manager and shall be mutually acceptable to FDOT and the Vendor. The contract shall be amended to reflect the addition of the new Pay Items.

Pay Item Descriptions, Measurement and Payment

Establishment of Pay Items

The following Pay Items are established and will be included as a part of the contract.

Maintenance of Traffic (MOT)

Description

All maintenance of traffic (MOT) shall be in accordance with the referenced specifications (Section 2b, above) and FDOT procedure Topic No: 625-010-010-g. The Vendor shall obtain permission to close lanes as necessary from each responsible local maintenance yard or the proper office as directed. The Worksite Traffic Supervisor must be certified by a FDOT

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approved training agency that meets FDOT's MOT training requirement for advanced training. It is the Vendor's responsibility to ensure availability and proper scheduling of FDOT's MOT crew for all TWOs. In the event, scheduling is not permissible then it is the responsibility of the Vendor to provide FDOT approved MOT. Mobilization will be included in the MOT costs and is defined as the charge to take a fully outfitted maintenance/construction work crew to the worksite for the duration of time necessary to complete all work assigned at the site.

Work under this section shall include furnishing flag persons as required, and the installation, maintenance and removal of the required barricades, signs, and flashing lights. All preparatory work and operations in mobilizing for beginning work, movement of personnel and associated costs, per diem, etc., movement and/or storage of equipment and supplies, MOT and other incidentals for one TWO (project) shall be included in this item.

The MOT shall be determined by type of road and MOT required based on work to be performed at the site and approved by the FDOT Project Manager and assigned with each TWO. The MOT shall be determined according to the following criteria:

- Interstate MOT – defined as an interstate site for installation or repair requiring lane closures.
- Non-Interstate MOT – defined as a non-interstate site for installation or repair requiring lane closures.
- Mobilization Only – defined as mobilization to a location for work that does not include lane closures. Will normally be associated with work crew performing tasks on the shoulder of the road only such as replacement of cabinets, poles, grounding, or maintenance of vegetation. This will be paid per work crew per day. If multiple locations are visited in one day, Vendor can only charge once per day.
- Shoulder Closure Only MOT – defined as closure of shoulder lane only with no active travel lanes closed. Normally this is associated with a work crew performing tasks on the shoulder of the road only such as replacement of cabinets, poles grounding or maintaining vegetation.
- Message Board – defined as in addition to MOT type when message boards as required by the MUTCD.
- Police Services – defined as in addition to MOT type when police services are required.

This section is not for mobilization of technicians performing services calls, counter repair, site inspections, sensor marking, data retrieval, solar panel replacement other work associated with a single technician working alone.

1. Measurement and Payment

Payment for this item shall be a price per lane for the level specified. Payment shall be made under:

Payment shall be made under:

Item No. MOT-IL	Mobilization- Interstate Location
Item No. MOT-NIL	Mobilization- Non-Interstate Location
Item No. MOT-NM	Mobilization Only- No MOT
Item No. MOT-FR	Flaggers Required
Item No. MOT-SC	Mobilization- Shoulder Closure
Item No. MOT-MB	Message Board

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Item No. MOT-PS Police Services per 4-Hour Block

Grounding

Description

All grounding shall be in accordance with the referenced specifications (Section 2b, above) except readings shall be recorded on forms obtained from or approved by the FDOT Project Manager. The completed data sheets shall be submitted to the FDOT Project Manager. New cabinets (base mounted or pole mounted) require the installation and connection of 40-ft. of grounding electrode as a single point contact or in array. See Standard Specifications for Road & Bridge Construction 620 and Standard Plan Index 695-001 for grounding requirements.

2. Measurement and Payment

Payment shall be made per linear foot of grounding electrode installed and shall include labor, all ground rods, chemical welds, couplings, and fittings. Payment shall be made under:

Item No. 620-1-1 Grounding Electrode (F&I) – LF

Conduits, In Place - With/Without Trenching

Description

This section describes the conduit to be installed and the method of installation. Conduit installed shall be in accordance with 630 of the Standard Specifications for Road & Bridge Construction and Standard Plan Index 695-001.

Conduits placed under the pavement shall be installed by Directional Bore (horizontal directional drilling). Other horizontal conduits shall be placed by open trenching unless Directional Boring is more cost effective to FDOT. Directional boring in areas other than beneath the roadway must be approved in advance by the FDOT Project Manager.

3. Measurement and Payment

The contract unit price per linear foot for conduit/casing, furnished and installed, shall be full compensation including all fittings, glue, hardware, and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. Payment for directional bore will be based on the horizontal distance measured from pull box to pull box, or pull box to cabinet, pole, etc. as specified. The Vendor will be responsible for restoring any areas that erode for a period of six months after the work was performed. This will include the placement of sod where required in locations prone to erosion. Payment shall be made under:

Item No. 630-X Trenching, includes opening and closing the trench for placing conduits, (F&I) - LF/Trench

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Item No. 630-2-11	All PVC conduits (1/2" - 3") placed either vertically, or horizontally in an open trench or casing, (F&I) - LF/Conduit
Item No. 630-2-12	2" – 3" PVC or rigid conduits placed by directional boring, one per pull, (F&I) - LF/Conduit
Item No. 630-2-23	2" – 3" PVC or rigid conduits placed by directional boring, two or three per pull, (F&I) - LF/Conduit

4. Pull Boxes

Description

Pull boxes shall be installed in accordance with the referenced specifications (Section 2b, Standard Specifications for Road & Bridge Construction 635 and Standard Plans Index 17700.)

5. Measurement and Payment

The contract unit price per pull box, furnished and installed, shall be full compensation including all hardware and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. The Vendor will be responsible for restoring any areas that erode for a period of six months after the work was performed at no additional expense to FDOT. This will include the placement of sod where required in locations prone to extreme erosion. Payment shall be made under:

Item No. 635-1X	Concrete Apron (F&I) – EA
Item No. 635-2-11	Pull Box, Composite (F&I) – EA
item No. 635-2-12	Replenishing Pull Box With River Rock – EA

Aluminum Pole

Description

Aluminum poles installed shall be in accordance with Section 646 of the FDOT Standard Specifications - Ground poles in accordance with Section 620 of the Standard Specifications for Road & Bridge Construction and Standard Plan Index 695-001.

6. Measurement and Payment

The contract unit price per pole, furnished and installed, shall be full compensation including all hardware and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. Payment shall be made under:

Item No. 646-1-12	12-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-15	15-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-20	20-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-25	25-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-30	30-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA

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Electronics Technician/Construction Laborer for Repair of Sensors and/or Other Equipment

Description

To ensure proper operation of the site, and to preclude unnecessary replacement of entire sensors and/or equipment, operational and electrical testing and/or calibration shall be performed when specified.

Specified testing/calibration will be performed using only equipment, computer software and methods approved by FDOT for the equipment and sensors being tested. It shall be the Vendor's responsibility (without additional cost to FDOT) to obtain the appropriate test equipment, computer equipment and/or computer software to accomplish the prescribed work. Testing/calibration shall also include a visual/physical verification of vehicles crossing sensors to ensure proper calibration of counts, classification and/or weight by electronic classifier/WIM unit.

Whenever testing equipment or servicing the site indicates that re-splicing cables in the pull box and/or replacement of only the homerun cable for the associated sensor(s) would restore the assembly to performance within specifications, re-splicing and/or homerun cable replacement shall be performed in lieu of assembly replacement, and compensation will be adjusted by the FDOT Project Manager accordingly. Equipment testing/calibration shall be in accordance with the manufacturer's instructions as approved by the FDOT Project Manager. Testing of the loops and lead-ins shall be in accordance with Section 695-3.2.2 of the Standard Specifications for Road & Bridge Construction (SSRBC).

The Electronics Technician shall be fully capable of operating all test equipment and computer software routines and shall perform all required tests and making the necessary corrective actions.

The Construction Laborer shall be fully capable of operating all construction equipment in performance of unanticipated labor tasks and assisting the Electronics Technician as required. Typical tasks that arise infrequently would be removal, modification or installation of existing poles or cabinets, grinding or sealing of pavement, or any other activity not specifically covered in contract pay items.

7. Measurement and Payment

The contract unit price per hour for each technician and/or laborer shall be full compensation for mobilization, all labor, and all minor, associated material (such as electrical tape, miscellaneous hardware, paints, sealants, etc.) as required for a complete and acceptable installation. Payment shall be made per man/hour for technician's and/or laborer's time. No payment for work included in any other item of this contract may be included herein. Payment shall be as follows:

Item No. 300-2 Construction Laborer – Per Hour

Electronics Technician for Calibration of WIM Sites

Calibration of weigh-in-motion sites, unless otherwise specified, shall be accomplished using a five (5) axle semi-tractor trailer (commonly termed 18-wheeler) with air ride suspension for the tractor and trailer as specified in the TWO. The vehicle shall be loaded with a stable load 80% to 100% of its legal capacity. The calibration vehicle shall be weighed at a state certified static scale prior to use on-site. A copy of the scale weights recorded for the steering axle, drive axle group and

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trailer axle group will be provided to FDOT's representative at the calibration site. The spacing between all axles shall be measured, recorded, and submitted with the weight ticket. Calibration shall be accomplished by making the prescribed number of passes of the test vehicle over the sensors in each lane. The Vendor must have a certified WIM calibration technician on site.

The Vendor will be responsible to provide a fully functional site before calibration begins. Prior to site deployment of the calibration vehicle(s), the Vendor shall test each sensor and determine its operating condition if required by FDOT. Payment for such testing and calibration will be paid for as Technician's Time - Pay Item No. 300-1. The FDOT Project Manager shall be notified immediately should any sensor not be performing optimally. No calibration will be performed in any lane where the sensors are not fully functional without the express consent of the FDOT Project Manager. The Vendor will provide a technician to assist with validation operations when requested by FDOT.

8. Measurement and Payment

The contract unit price per hour for each technician shall be full compensation for mobilization, all labor, and all minor associated material (such as electrical tape, miscellaneous hardware, paints, sealants, etc.) as required for a complete and acceptable installation. Payment shall be made per man/hour for technician's and/or laborer's time. No payment for work included in any other item of this contract may be included herein. Payment shall be as follows:

Item No. 300-1 Electronics Technician – Per Hour.

Item No. 305-5 Calibration Vehicle Five Axled Vehicle, Loaded – Per Hour.

Inductive Loop Assembly

Description

Standard Loops shall be 6ft x 6ft (unless requested by FDOT Project Manager), centered in the lane and be installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001).

9. Measurement and Payment

The contract unit price per loop for Inductive loops furnished and installed, shall be full compensation including all loop wire, loop sealant as specified and other associated material as required, and all labor for a completed and acceptable installation. Payment shall be made under

Item No. 695-6-BON Inductive Loop Assembly (Bondo/Stat-A-Flex Loop Seal) (F&I) – EA

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Loop Homerun Cable

Description

Loop homerun cable shall be installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001). There should be no splices in any lead wires from the roadway sensor to the cabinet for distances less than 150 feet. Splices are allowed, if needed, when the distance from the sensor to the cabinet exceeds 150 feet.

10. Measurement and Payment

The contract unit price per linear foot, furnished and installed, shall be full compensation and shall include any necessary splicing and/or connectors.

Payment shall be made under:

Item No. 695-4-4	#14 AWG, IMSA 50-2 Homerun Cable (F&I) – LF
Item No. 695-4-80	3M, 8082 Wire Splice (F&I) – EA
Item No. 695-4-DB	3M, DBY-6 Wire Splice (F&I) - EA

Piezoelectric Axle Sensors

Description

Work described in this section consists of furnishing and installing the piezoelectric axle sensor(s) specified in the TWO, either in new locations or as replacements for existing sensors. Piezoelectric axle sensors shall be installed in accordance with the manufacturer's instructions and/or installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001 except as modified herein.

Class II piezoelectric axle sensors shall be installed in a slot cut 1.5-inches deep. The slot shall be cut in one pass using a single 0.75-inch-wide blade or with multiple blades ganged together. The slot will be pressure air cleaned and wiped thoroughly with alcohol prior to placement of the sensor and sealant. Two strips of duct tape will be placed approximately 2-inches from the edge of the slot down both sides for the length of the slot prior to placement of the grout. The sensor will be installed 1-inch below the surface. The slot shall be partially filled with epoxy sealant prior to placement of the sensor to ensure there are no voids beneath the sensor. At completion, the grout level will be flush with the duct tape and will fill all voids in the pavement's surface layer out to the tape. The duct tape is then removed and after the grouts sets adequately, it will be ground flush with the roadway using a belt sander.

11. Measurement and Payment

The contract unit price per sensor assembly, installed, or furnished and installed, shall be full compensation for all work described in this section and shall include the removal of the existing axle sensor where required, the axle sensor, cabling as necessary, any special tools or equipment required, bonding material (grout) and other associated material as required, and all labor for a completed and acceptable installation.

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The contract unit price for sensor lead-in cable furnished and installed shall be full compensation for all work described in this section and shall include the lead-in cable and all labor and materials needed to perform the splice.

Payment shall be made under:

Item No. 695-1-6C	6-ft. Piezo Axle Sensor, E-Bond (F&I) EA
Item No. 695-1-6A	6-ft. Piezo Axle Sensor, IRD, AS475 (F&I) – EA
Item No. 695-1-10C	10-ft. Piezo Axle Sensor, E-Bond (F&I) – EA
Item No. 695-1-10A	10-ft. Piezo Axle Sensor, IRD, AS475 (F&I) – EA
Item No. 695-XX	Replacement Coaxial Sensor Cable (F&I) – LF

Reseal Inductive Loops and/or Piezoelectric Axle Sensors

Description

Work described in this section consists of resealing existing embedded inductive loops, piezoelectric axle sensors, bending plates, minor potholes, or pavement patches (using cold patch, sealant, or grout as appropriate) either in rigid or flexible pavement.

All products used shall be approved by FDOT, and all work shall be in accordance with Section 660.

12. Measurement and Payment

The contract unit price per lane for up to two loops, two piezoelectric axle sensors and/or two bending plates, cleaned and resealed, shall be full compensation including all loop/piezo sealant and associated material as required, and all labor for a completed and acceptable installation. Mobilization and maintenance of traffic is covered separately and is not a part of this item. Payment shall be made under:

Item No. 695R Reseal Loops and/or Piezo Axle Sensors (F&I) - Per Lane

Solar Power Unit

Description

The work specified in this section includes furnishing and installing, interconnecting, and testing any or all the following solar power unit components as specified in accordance with Section 695 of the Standard Specifications for Road & Bridge Construction (SSRBC) and Index 17900 except as otherwise specified herein.

13. Measurement and Payment

The contract unit price per unit specified, furnished, and installed on an existing pole or in an existing cabinet, shall be full compensation for all work described in this section and shall include any or all the following: furnishing and installing the 85-150-300-watt (minimum) solar panels (as specified); or furnishing and installing the 21-AH or 100-AH battery; or furnishing and installing the specified 20- or 25-amp, voltage regulators. All necessary wiring and other associated material as required,

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removal and disposal of existing panel, battery or regulator as required, and all labor for a completed and acceptable installation are also included herein. Payment shall be made under:

Item No. 695-5-85	85-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-150	150-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-300	300-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-21A	21-Amp-Hour battery, (F&I), - EA
Item No. 695-5-12B	100-AmpHour battery, (F&I), - EA
Item No. 695-6-20A	20-Amp Voltage regulator, (F&I), - EA
Item No. 695-6-25A	25-Amp Voltage regulator, (F&I), - EA

Lightning Suppression

Description

Lightning Suppression shall be installed in accordance with reference specifications Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001. When specified, lightning suppression devices shall be furnished and installed for each power, piezoelectric axle sensor and loop lead-in in the cabinet. Suppressors for loop and piezo lead-ins shall be mounted on an approved 8" X 24" aluminum panel (Sensor Backplane) on the back wall of the cabinet. A sensor backplane will be capable of up to 4-lanes of inputs. Suppressors for power lead-ins shall be mounted on a 10" X 10" aluminum panel (Power Backplane) on the right-side cabinet side wall.

14. Measurement and Payment

The contract unit price, shall be full compensation for all work described in this section and shall include cost of removal of existing lightning suppression equipment when required, furnishing, and installing backplane and suppressors, interconnection of the lightning suppression on all lead-ins as required, furnishing, and installing the lightning rod and its interconnection with the system ground, and all labor for a complete and acceptable installation.

The Sensor backplane assembly shall consist of the basic backplane, DIN rail for mounting suppressors, two inductive loop terminal strips, and one vehicle sensor terminal strip. The Power Backplane will consist of the basic backplane, DIN rail for mounting the suppressor, one battery terminal strip and one solar panel terminal strip.

Payment shall be made under:

Item No. 695-8-NS	Power Backplane (No suppressors) (F&I) – EA
Item No. 695-8-PAS	Power Suppressor Atlantic Scientific (F&I) - EA
Item No. 695-8-PED	Power Suppressor EDCO (F&I) – EA
Item No. 695-8-LP	Lightning Suppressor, Loop/Piezo Atlantic Scientific (F&I) - EA
Item No. 695-8-LPED	Lightning Suppressor, Loop/Piezo EDCO (F&I) – EA

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Continuous Count Station (CCS) Cabinet

Description

The cabinets installed shall be FDOT Type III, IV or V as specified in Section 695 of the Standard Specifications for Road & Bridge Construction (SSRBC) and Standard Plan Index 695-001, (except as modified herein), NEMA 3R rated, base, pedestal, pole, or pedestal/pole mounted as specified in the TWO. All wire leads from the roadway, solar power will enter the cabinet from the pole or base (when so mounted) in conduit or through the cabinet mounting structure (pipe where pedestal mounted, unless otherwise specified in the TWO. Entries into the cabinet shall be watertight.

Each cabinet shall have an aluminum shelf (same material as cabinet) continuously adjustable in 2-inch increments from within 10-inches (max.) of the top of the cabinet to within 10-inches (max.) of the bottom of the cabinet. The main door shall be provided with a hasp, making it capable of being locked with a padlock. The cabinet shall be vented to allow heat dissipation. The vents shall be covered with a filter to allow ventilation but preclude insect entry. No exhaust fan is required. No police panel or door is required but will be allowed.

Pedestal mounted cabinets shall have a solid 1/4" bottom constructed of 5052-H32 aluminum suitable for pedestal mounting. The cabinets shall be installed on 4-inch NPT aluminum pipe shaft with an aluminum pedestal adapter bolted on the bottom of the cabinet. The cabinet shall be mounted in accordance with Standard Plan Index 695-001 as applicable. The aluminum pipe shall be mounted on an approved breakaway aluminum square base assembly.

Pole assemblies shall include the pole, breakaway aluminum square base and all hardware for mounting the pole to the concrete base. The base will be paid for separately.

NOTE: All Type III cabinets must be a minimum of 25-inches wide to accommodate the FDOT standard lightning suppression backplane assembly.

Ground cabinets in accordance with Section 620 of the Standard Specifications for Road & Bridge Construction. Lightning suppression, where required, shall be paid for separately.

15. Measurement and Payment

The contract unit price for each cabinet, furnished and installed, shall be full compensation for all work described in this section and shall include the cabinet and its installation on a concrete base if base mounted (base not included), mounting brackets if non-breakaway pole mounted (pole not included), pedestal or breakaway (pedestal or pole included), ground wire and connection to the grounding electrode, and all labor for a completed and accepted installation. Payment shall be made under:

Item No. 695-7-13B	Type III TMS Cabinet base mount, (F&I) – EA
Item No. 695-7-13PD	Type III TMS Cabinet includes breakaway pedestal, (F&I) – EA
Item No. 695-7-14B	Type IV TMS Cabinet, base mounted (F&I) – EA
Item No. 695-7-14P	Type IV TMS Cabinet, pole mounted (F&I) – EA
Item No. 695-7-15B	Type V TMS Cabinet for base mounting, (F&I) – EA

Concrete Cabinet Base

Description

The work specified in this section includes the concrete base for the Type V base mounted cabinets described above, and the concrete base for the pedestal and break-away pole mounted cabinets and pole assemblies. All labor and materials for the base is included. The base material shall conform to all requirements for Class I concrete and may be either premixed or mixed on site. The requirement for pre-approval of plant and mixture may be waived at the discretion of the FDOT Project Manager. In such cases, the Vendor shall take special precautions in selection of materials and mixing thereof and ensure that the mixture conforms to compressive strength and slump requirements for Class I concrete. Concrete bases shall be constructed as detailed in Index 17841 of the Design Standards.

16. Measurement and Payment

The concrete unit price for each cabinet base, furnished and installed, shall be full compensation for all work described in this section, and shall be full compensation for all materials and labor for a completed and accepted installation. Payment shall be made under:

Item No. 400-1-15	Concrete Base for Type III, IV & V Cabinets (F&I)
Item No. 400-1-25	Concrete Base for Pedestal & Breakaway Cabinets (F&I)

Pole Removal

Description

The work specified in this section includes the removal and disposal of existing miscellaneous power poles. Such poles may be either wooden poles of lengths up to 35 feet above ground, or metal poles extending up to 20-feet above ground. Wooden poles are direct burial; metal poles may have up to 1/4 cu. yd. of concrete used as fill material. Work herein also includes backfilling and surface treatment of the area from whence the pole was removed.

17. Measurement and Payment

Payment shall be made per pole for each work assignment. The lump sum payment for this item shall be full compensation for all work included herein. Payment shall be made under:

Item No. REM-POL	Pole Removal (Remove and Dispose) - EA
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Piezoelectric Axle Sensor Removal

Description

The work specified in this section includes the removal and disposal of existing piezoelectric axle sensors when the sensor location is being abandoned. Such sensors may be in either Portland cement concrete or asphaltic concrete pavements. Sensors are to be removed by sawing alongside the sensor on each side at the roadway/grout interface to the depth of the

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installed sensor (approximately 1 1/2" — 2"). When completing sawing, a pneumatic chipping hammer with a blade of up to 1-1/2" wide can be used to cut the sensor into separate sections (2 to 4) as required so that the sensor's bottom surface can be loosened from the grout/roadway and the sensor removed. Throughout the entire process to care shall be taken to minimize damage to the roadway surface. Work herein also includes backfilling of the excavated area with material approved by the FDOT Project Manager.

18. Measurement and Payment

Payment shall be made per piezoelectric axle sensor removed for each work assignment. The lump sum payment for this item shall be full compensation for the sensor removal, the approved backfill material, and all labor and incidental materials required for a complete and acceptable job. Payment shall be made under:

Item No. REM-PIE Piezoelectric Axle Sensor Removal (R&D) – EA

Miscellaneous Removal

Description

The work specified in this section includes the removal and disposal of existing concrete poles, concrete detector cabinet bases, and/or associated materials. Concrete poles removed herein will not exceed 35' in length. Bases removed herein will not include more than 1/2 cu. yd. of concrete.

19. Measurement and Payment

Payment shall be made per location for each work assignment. The lump sum payment for this item shall be full compensation for all work included herein. Payment shall be made under:

Item No. REM-CBA Removal of concrete base and miscellaneous equipment (R&D) – EA

Item No. REM-CPO Removal of concrete pole and miscellaneous equipment (R&D) – EA

Optional WIM Unit Components

The following items will be supplied by the Vendor when specified:

- (1) A temperature sensor will be installed in the roadway/paved shoulder to enable monitoring pavement temperatures.

20. Measurement and Payment

The contract unit price for each optional component, shall be full compensation for furnishing, installation, interconnection and testing of the component, and all labor for a complete installation. Payment shall be made under:

Item No. WIM -TEMPIRD IRD/PAT Traffic Temperature Sensor (F&I) – EA

Item No. WIM -TEMPQFREE QFREE Traffic Temperature Sensor (F&I) – EA

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Installation, Removal and Replacement of Weigh-in-Motion Sensors

Description

The work specified in this section includes the complete installation of WIM bending plates, frames, loops and all associated hardware in both wheel paths of one lane at a new site, removal and replacement of one weigh-in-motion (WIM) bending plate in existing frame, removal of a bending plate frame and removal & reinstallation of an existing bending plate for inspection/repair purposes. The existing frames or new site frames may be in either Portland cement concrete or asphaltic concrete pavements. Maintenance of traffic or testing of the plates is not included herein but will be paid for separately under MOT and Technical Service (technician's) time. Also included is the furnishing and installing of Kistler Lineas Quartz Class-I piezoelectric weight sensors in lanes specified in the TWO.

All work included herein must be in accordance with the manufacturer's specifications and instructions as approved by the FDOT Project Manager. All new WIM sensors supplied by the Vendor shall be furnished with leads of sufficient length to reach the cabinet without the need for splicing additional cable.

Installation of a complete lane of bending plate WIM will include furnishing and installing all equipment and materials including the recommended embedded inductive loops and one bending plate and frame in each wheel path of one lane of a roadway. Materials not installed in the roadway, except sensor lead-ins, are not included in this Pay Item and will be paid for separately.

When furnish and install bending plates is specified, included will be the removal of the entire apparatus holding the plate in the frame, removal of the plate itself, the cleaning of the frame and plate area, checking and replacement of shims as necessary, furnishing, and proper fitting and installation of a new or factory reconditioned plate, furnishing new locknuts, and properly replacing the plate retaining apparatus. The Vendor will store or dispose of the removed plate as specified in the TWO.

When removal of a frame is specified, the pay item will include removal of the bending plate and its storage or disposal as specified in the TWO, and disposal of the frame. Also included will be treatment of the excavated area which will be backfilled with asphaltic concrete or Portland cement concrete as specified in the TWO.

Removal and reinstallation of an existing bending plate will include technician's time for inspection of equipment, cleaning, furnishing new locknuts and any other associated non-reusable parts, shims (if needed) and all labor.

Installation of Kistler Lineas Quartz piezoelectric sensors shall be per the manufacturer's instructions and will include the epoxy sealant furnished by the WIM sensor manufacturer unless otherwise specified by FDOT.

Installation of Intercomp Strip-Scale axle sensors shall be per the manufacturer's instructions and will include the epoxy sealant furnished by the WIM sensor manufacturer unless otherwise specified by FDOT.

The Vendor shall have a WIM trained and qualified Electronics Technician acceptable to the FDOT Project Manager on site during all phases of any of these Items.

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21. Measurement and Payment

The contract unit price shall be full compensation including transportation of all materials to and from the site and all labor as necessary for a completed and acceptable installation. Payment shall be made under:

Item No. WIM-BP-ASSY Bending Plate WIM Sensor Assembly for Complete Lane (2 Plates, Frames & Loops) (F&I) – PER LANE

Item No. WIM-BP-100	Bending Plate WIM Sensor (F&I) – EA
Item No. WIM-BP-200	Bending Plate & Frame Removal (F&I) – EA
Item No. WIM-BP-300	Bending Plate Remove/Reinstall (F&I) – EA
Item No. WIM-175-K40	Kistler Quartz Sensor, Type 9195F411 (40M lead) (F&I) – EA
Item No. WIM-175-K100	Kistler Quartz Sensor, Type 9195F421 (100M lead) (F&I) – EA
Item No. WIM-XX	Replacement Cable for Kistler Type 9195 Sensors (F&I) – LF
Item No. WIM-185-I40	Intercomp Strip Sensor, (40M lead) (F&I) – EA
Item No. WIM-185-I100	Intercomp Strip Sensor, (100M lead) (F&I) – EA

Universal Cables and Connectors

Description

When specified, universal “P1” Equipment Cables and Connectors and/or “J1” Cabinet Cables and Receptacles shall be furnished and installed in the cabinet. They shall be fabricated in accordance with the TWO and Standard Plan Index 695-001 and be compatible with the specified Electronic Classification Unit described in Section 4.2.1. All wiring (including the ground wire) shall be kept as short as practical and shall be neatly placed and of good workmanship. All conductors in the cabinet (except ground wire and piezo lead) shall be stranded copper. All conductors shall be terminated with insulated terminal spade lugs. A ratchet crimping tool shall be used to attach the conductors to the terminal lugs. The Vendor will be responsible for acquiring the cables, connectors, terminals, and all labor and ancillary equipment necessary to produce an acceptable unit as specified.

22. Measurement and Payment

The contract unit price shall be full compensation for all work described in this section and shall include the cost of furnishing the universal cable and connectors as specified. Installation and interconnection, when required, shall be paid for separately. Payment shall be made under:

Item No. 695-4-P1	Universal “P1” Cable and Connectors for the specified Traffic Counter/Classifier (F&I) – EA
Item No. 695-8-J1	Universal “J1” Cabinet Cable and Receptacle with mounting Bracket (F&I) –EA

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Security Requirements

Background Checks Requirements: A fingerprint-based Criminal History Background Check (CHBC) will be required of the Vendor's Project Manager and the employees of the Vendor who will supervise roadwork in Florida. All costs for the CHBC will be at the expense of the Vendor. Favorable results of the CHBC are usually available within 24 hours of the time the background check is conducted. In the event an employee of the Vendor has a criminal history, official criminal history reports issued by the Florida Highway Patrol or Florida Department of Law Enforcement (FDLE) are usually available within 12 business days, though longer delays may ensue.

A Name Background Check will be required of all other employees of the Vendor. All costs for the Name Background Check, will be at the expense of the Vendor. Favorable results of the Name Background Check are usually available within 24 hours

Minimum Vendor Requirements

FDOT requires that the Vendor meet the following minimum qualifications:

1. Must have at least four (4) traffic certified staff. The only acceptable training to FDOT is as follows: American Traffic Safety Services Association (ATSSA) or National Safety Council certification. Must be certified in the development of traffic control plans and the installation of traffic control devices with at least three years' experience performing these functions.
2. The principal of the Vendor directly responsible for this contract must have a minimum of five (5) years performing the following:
 - a. Experience with the installation, operation, repair, and maintenance of continuous Automatic Traffic Recording (CCS) sites/equipment for other state Departments of Transportation.
 - i. Experience with the installation and maintenance of Piezoelectric sensors for CCS, Piezoelectric sensors for WIM, in-road and non-intrusive traffic data collection, and Weigh-In-Motion (WIM) sites.
 - ii. Experience providing work zone safety including properly setting up lane closures, crash cushions, vehicle warning lights, signs, traffic cones, flag personnel and traffic barrels in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).
 - iii. Experience providing Quality Assurance/Quality Control (QA/QC) for work performed. Vendor should have quality assurance procedures that detail measures to be taken to ensure specifications. The Vendor must have completed a minimum of at least five (5) projects of similar size, scope and work as outlined in the Project Scope of Work.
3. The Vendor must provide five (5) references that illustrate the ability to complete the anticipated project requirements listed in the Project Scope of Work.
4. The Vendor must provide five (5) references that illustrate the ability to complete the anticipated project requirements listed in the Project Scope of Work. Three (3) references must be from government agencies for which projects of similar size, scope and work have been performed. Contact information must be

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provided; this includes person's name, title, phone number, electronic, and mailing address. References will be contacted and FDOT reserves the right to contact other references as developed references.

- i. Must demonstrate success in other states which includes remaining on schedule and within budget without supplemental agreements, extensions, or changes in pricing.
 - ii. Must provide a list of the names and addresses of all clients who have terminated your relationship for performing similar services as detailed in this RFP during the past three years and their reasons for doing so. Please include the name, title, and telephone number of the contact person.
 - i. Must provide a list of all Vendors, businesses, or states that you have been disbarred or are in default of any contract with them. Contact information must be provided; this includes person's name, title, phone number and mailing address.
5. All key personnel supporting this effort must be located within a one day driving period of Florida. Key personnel are defined as Project Manager, Field Supervisors, Field Staff, or any other staff that directly support this contract.
 6. Must be established as a legal entity and have all necessary licensure and permits to do business in the State of Florida. Provide evidence of being in business for a minimum of five (5) years. Copies of current and previous four (4) year's business licenses will satisfy this requirement.
 7. Must possess the necessary equipment and personnel to fulfill the terms of the contract and be ready to proceed within seven (7) days upon receipt of a notice of "Notice to Proceed."

EXHIBIT "B"

METHOD OF COMPENSATION

1.0 PURPOSE:

This Exhibit defines the limits of compensation to be made to the Vendor for the services set forth in Exhibit "A", Scope of Services, and the method by which payments shall be made.

2.0 ASSIGNMENT OF WORK:

The Department shall request Vendor services on an as-needed basis. A "Task Work Order" (TWO) will be issued by the Department's Project Manager to authorize all work assigned under this contract. The services authorized shall be initiated and completed in accordance with Exhibit "A", Scope of Services, as directed by the Project Manager.

3.0 COMPENSATION:

For the satisfactory performance of services detailed in Exhibit "A", the Vendor shall be paid up to a Maximum Limiting Amount of \$4,900,000.00. It is agreed that this amount will be the limit of all compensation due the Vendor for performance of the services described in Exhibit "A". The Vendor shall not provide services that exceed the maximum limiting amount without an approved Amendment from the Department.

The total amount of this agreement is expected to be funded by multiple appropriations and the State of Florida's performance and obligation to pay under this contract is contingent upon annual appropriation by the Legislature.

The Department shall pay vendor invoices in accordance with the contract requirements. The Vendor shall provide on their invoice the current charges for authorized Task Work Orders.

Currently, \$_____ of the total amount has been approved and encumbered for this contract. Therefore, it is agreed that the vendor will not be obligated to perform services nor incur costs which would result in exceeding the funding currently approved, nor will the Department be obligated to reimburse the Vendor for costs or make payments in excess of currently established funding. The Department will provide written authorization if and when subsequent funding is approved and encumbered for this contract.

4.0 ESTABLISHMENT OF TASK WORK ORDER (TWO) AMOUNT:

For each "Task Work Order" (TWO) the Vendor, following the Scope of Services as set forth in Exhibit "A", shall prepare an estimate of work and price based on the unit prices established in Exhibit "C", and allowable expenses. Once an acceptable Maximum Amount has been agreed upon by the Vendor and the Department's Project Manager, a "Task Work Order" shall be issued by the Project Manager specifying the work to be done, the timeframe, and the maximum dollar amount for the Task Work Order. The Vendor will only be paid for the actual work completed and will not be paid for work in excess of the maximum limiting amount specified in the associated TWO unless an amendment is issued to the TWO prior to the performance of those services. All work authorizations shall be completed within the term of this Agreement.

5.0 DETAILS OF UNIT PRICES:

Details of the Vendor's Unit Prices for the delivery/performance of the items and services set forth in Exhibit "A" are contained in Exhibit "C", attached hereto and made a part hereof. The contract unit prices shall be firm, net, delivered prices, F.O.B. destination, and shall include all charges for packing, handling, freight, distribution, and inside delivery, as well as the costs of salaries, overhead, fringe benefits, operating margin, and any fees or administrative costs related to the items provided and/or the work performed.

Equipment, materials, vehicles, tools, etc. necessary to perform maintenance, locates, parts/equipment replacement, and troubleshooting/diagnostic services are incidental and shall be included in the contract unit prices unless stated otherwise in a TWO. The Vendor will not be allowed a mark-up on the costs of any incidental materials or equipment as those costs are included in the contract unit prices. No additional compensation will be made for preventative and/or routine maintenance activities performed at night.

6.0 PROGRESS PAYMENTS:

The Vendor shall submit monthly invoices (3 copies) in a format acceptable to the Department. For the satisfactory **performance** of the services detailed in each TWO, the Vendor shall be paid up to the Maximum Amount of each Authorization. Payment shall be made, for the items and services provided, at the unit prices specified in Exhibit "C", as approved by the Department.

Payment for expenses shall be made on the basis of actual allowable cost incurred as authorized and approved by the Department. Allowable costs should be task related and not include items normally associated with overhead which is part of the billable rates. **Invoice shall include documentation of hours provided and itemization of costs incurred (including receipts).** Bills for travel expenses authorized by the terms of this Agreement and the Department's Project Manager and shall be submitted in accordance with Section 112.061, Florida Statute.

Invoices shall be submitted to: Florida Department of Transportation
Transportation Data and Analytics Office
605 Suwannee Street, MS 27
Tallahassee, FL 32399-0450

The Vendor has certified that ____% DBE utilization would be achieved for this contract.

If DBE utilization was certified, DBE payments are to be input each month at the following link: <https://www3.dot.state.fl.us/EqualOpportunityOffice/bizweb/>

New users reporting DBE payments will need to contact the FDOT Service Desk at FDOT.ServiceDesk@dot.state.fl.us to get a BizWeb user ID and password to access the application.

DOT-RFP-23-9053-SD EXHIBIT C PRICE PROPOSAL FORM					
Est.	Item	Plan	Item	Unit	Estimated
Qty.	Number	Quantities	Description	Price	Cost
1	MOT-IL	Per Lane	Mobilization- Interstate Location	\$2,200.00	\$2,200.00
1	MOT-NIL	Per Lane	Mobilization- Non Interstate Location- Includes MOT	\$1,800.00	\$1,800.00
1	MOT-NM	Per Site	Mobilization Only- No MOT	\$750.00	\$750.00
1	MOT-FR	Per Lane	Mobilization Flagger Required- Includes MOT	\$2,000.00	\$2,000.00
1	MOT-SC	Per Site	Mobilization- Shoulders Closed	\$400.00	\$400.00
1	MOT-MB	Per Day	Message Board	\$100.00	\$100.00
1	MOT-PS	Each	Police Services Per 2-Hour Block Per Officer	\$250.00	\$250.00
1	300-1	Per Hour	Electronics Technician	\$125.00	\$125.00
1	300-2	Per Hour	Construction Laborer	\$95.00	\$95.00
1	305-5	Per Hour	Calibration Vehicle Five Axle Vehicle, Loaded	\$249.00	\$249.00
1	400-1-15	Each	Concrete Base for Type III, IV & V Cabinets (F&I)	\$750.00	\$750.00
1	400-1-25	Each	Concrete Base for Pedestal & Breakaway Cabinets (F&I)	\$750.00	\$750.00
1	630-2-12	100 Per LF	Conduit, 1-2" PVC Placed By Directional Boring (F&I)	\$70.00	\$70.00
1	630-2-23	100 Per LF	Conduit, 2-3" PVC Placed by Directional Boring (F&I)	\$80.00	\$80.00
1	620-1-1	100 Per LF	Grounding Electrode (F&I)	\$33.00	\$33.00
1	630-X	100 Per LF	Trenching for Placing Conduits	\$90.00	\$90.00
1	630-2-11	100 Per LF	Conduit, PVC, In Place, In Open Trench or Casing(F&I)	\$97.50	\$97.50
1	635-2-11	Each	Pull Box, Composite Construction (F&I)	\$525.00	\$525.00
1	635-1X	Each	Concrete Apron for Pull Boxes (F&I)	\$400.00	\$400.00
1	646-REM-POL	Each	Wood/Steel Pole Removal (R&D)	\$225.00	\$225.00
1	REM-CBA	Each	Removal of Concrete Base & Miscellaneous Equipment (R&D)	\$600.00	\$600.00
1	REM-CPO	Each	Removal of Concrete Pole & Miscellaneous Equipment (R&D)	\$600.00	\$600.00
1	REM-PIE	Each	Piezoelectric Axle Sensor Removal (R&D)	\$ 50.00	\$ 50.00
1	695-1-6C	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, E-Bond G-80 Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-6A	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, IRD AS475 P6G Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-8C	Each	MSI Series BL Class II Piezo Axle Sensor, 8-FT Long, E-Bond G-80 Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-8A	Each	MSI Series BL Class II Piezo Axle Sensor, 8-FT Long, IRD AS475 P6G Grout (F&I)	\$ 1,400.00	\$ 1,400.00
1	695-1-10C	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, E-Bond G80 Grout (F&I)	\$2,100.00	\$2,100.00
1	695-1-10A	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, IRD AS475 P6G Grout (F&I)	\$2,000.00	\$2,000.00
1	695-1-3N	Each	Novacos Class II Piezo Axle Sensor, 3-FT Long, IRD AS475 P6G Grout (F&I)	\$600.00	\$600.00
1	695-1-6N	Each	Novacos Class II Piezo Axle Sensor, 6-FT Long, IRD AS475 P6G Grout (F&I)	\$1,400.00	\$1,400.00
1	695-1-8N	Each	Novacos Class II Piezo Axle Sensor, 8-FT Long, IRD AS475 P6G Grout (F&I)	\$1,400.00	\$1,400.00
1	695-1-10N	Each	Novacos Class II Piezo Axle Sensor, 10-FT Long, IRD AS475 P6G Grout (F&I)	\$1,750.00	\$1,750.00
1	695-XX	100 Per LF	Replacement Coaxial Sensor Cable	\$150.00	\$150.00
1	695-2-MICRO	Each	Non-Intrusive Vehicle Sensor Microwave Radar (F&I) (Houston Radar SpeedLane)	\$10,100.00	\$10,100.00
1	WIM -TEMPOFREE	Each	QFREE Traffic Temperature Sensor (F&I)	\$750.00	\$750.00
1	WIM-TEMPIRD	Each	IRD/PAT Traffic Temperature Sensor (F&I)	\$1,000.00	\$1,000.00
1	WIM-BP-100	Each	Bending Plate WIM Sensor, Installation, 1 Bending Plate (F&I)	\$15,700.00	\$15,700.00
1	WIM-BP-110	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 40 M Lead (F&I)	\$28,500.00	\$28,500.00
1	WIM-BP-120	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 100 M Lead (F&I)	\$28,350.00	\$28,350.00
1	WIM-BP-200	Each	Bending Plate Frame Removal (R&D)	\$3,000.00	\$3,000.00
1	WIM-BP-300	Each	Bending Plate Removal/Reinstall - Inspection (F&I)	\$3,000.00	\$3,000.00
1	WIM-175-K40	Each	Kistler Lineas Quartz Sensor, Type 9195F411, 1.75M, 40 M Lead (F&I)	\$10,950.00	\$10,950.00
1	WIM-175-K100	Each	Kistler Lineas Quartz Sensor, Type 9195F421, 1.75M, 100 M Lead (F&I)	\$11,450.00	\$11,450.00
1	WIM-XX	100 Per LF	Replacement Cable For Kistler Lineas Sensors	\$90.00	\$90.00
1	WIM-175-I40	Each	Intercomp's strain gauge Strip Sensors 1.75M, 40 M Lead (F&I)	\$10,000.00	\$10,000.00
1	WIM-175-I100	Each	Intercomp's strain gauge Strip Sensors 1.75M, 100 M Lead (F&I)	\$11,000.00	\$11,000.00
1	695-5-85	Each	85-Watt Solar Panel (F&I on existing pole)	\$1,275.00	\$1,275.00
1	695-5-150	Each	150-Watt Solar Panel (F&I on existing pole)	\$1,350.00	\$1,350.00
1	695-5-300	Each	300-Watt Solar Panel (F&I on existing pole)	\$1,475.00	\$1,475.00
1	695-5-21A	Each	21 Amp-Hour Battery (F&I in existing cabinet)	\$205.00	\$205.00
1	695-5-12B	Each	100 Amp-Hour Battery (F&I in existing cabinet)	\$425.00	\$425.00
1	695-5-50A	Each	50 Amp-Hour Battery (F&I in existing cabinet)	\$310.00	\$310.00
	695-5-65A	Each	65 Amp-Hour Battery (F&I in existing cabinet)	\$310.00	\$310.00

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1	695-6-20A	Each	20 Amp Voltage Regulator (F&I in existing cabinet)	\$395.00	\$395.00
1	695-6-25A	Each	25 Amp Voltage Regulator (F&I in existing cabinet)	\$475.00	\$475.00
1	695-6-BON	Each	Type "B" Inductive Loop With Bondo/Stat-A-Flex Sealant (F&I)	\$905.00	\$905.00
1	695-4-4	100 Per LF	#14 AWG IMSA 50-2 Loop Homerun Cable (F&I)	\$190.00	\$190.00
1	695-4-80	Each	3M 8082 Wire Splice Gel Kit (F&I)	\$72.00	\$72.00
1	695-4-DB	Each	3M DBY-6 Wire Splice Kit (F&I)	\$14.00	\$14.00
1	695R	Per Lane	Reseal Loop and/or Piezo Axle Sensors (F&I)	\$300.00	\$300.00
1	695-7-13B	Each	Type III TMS Cabinet, Base Mount (F&I)	\$2,050.00	\$2,050.00
1	695-7-13PD	Each	Type III TMS Cabinet With Pedestal (F&I)	\$2,250.00	\$2,250.00
1	695-7-14B	Each	Type IV TMS Cabinet, Base Mount (F&I)	\$2,150.00	\$2,150.00
1	695-7-14P	Each	Type IV TMS Cabinet, Pole Mount (F&I)	\$2,350.00	\$2,350.00
1	695-7-15B	Each	Type V TMS Cabinet, Base Mount (F&I)	\$2,950.00	\$2,950.00
1	646-1-12	Each	12 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,275.00	\$1,275.00
1	646-1-15	Each	15 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,400.00	\$1,400.00
1	646-1-20	Each	20 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,500.00	\$1,500.00
1	646-1-25	Each	25 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,575.00	\$1,575.00
1	646-1-30	Each	30 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,975.00	\$1,975.00
1	695-4-P1	Each	Universal "P1" Equipment Cable for Specified TMS Unit (F&I)	\$350.00	\$350.00
1	695-8-J1	Each	Universal "J1" Equipment Cable & Receptacle w/ Mounting Bracket (F&I)	\$350.00	\$350.00
1	695-8-NS	Each	Atlantic Scientific Sensor Backplane, No Suppressors (F&I)	\$450.00	\$450.00
1	695-8-LP	Each	Atlantic Scientific Lightning Suppressor for Loop/Piezo (F&I)	\$450.00	\$450.00
1	695-8-PW	Each	Atlantic Scientific Power Backplane, No Suppressors (F&I)	\$350.00	\$350.00
1	695-8-PAS	Each	Atlantic Scientific Power Suppressor (F&I)	\$400.00	\$400.00
1	695-8-PED	Each	Power Suppressor EDCO (F&I)	\$275.00	\$275.00
1	695-8-LPED	Each	Lightning Suppressor, Loop/Piezo EDCO (F&I)	\$275.00	\$275.00
1	695-9-RVR	Cubic Yard	River Rock	\$6.00	\$6.00
1	GW600	Each	Intelligent Weather Sensor	\$3,500.00	\$3,500.00
1	TPW-400DT	Each	TYCON Power Wind Turbine	\$770.00	\$770.00
1	A-Meter	Each	Anemometer	\$735.00	\$735.00

GRAND TOTAL

\$ 197,266.50

ACKNOWLEDGEMENT:	I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the proposer. I certify that the response submitted is made in conformance with all requirements of the solicitation. Services to be provided as specified in attached Exhibit "A", Scope of Services.	
Proposer:	<u>Southern Traffic Services, Inc.</u>	
FEIN:	<u>62-1368537</u>	
Address:	<u>2911 Westfield Road, Gulf Breeze, FL 32563</u>	
Printed Name / Title	<u>Sheila R. Knowles / President</u>	
Authorized Signature:	<u></u>	<u>5/3/2023</u>
	(signature - "digital" ok)	(date)

Appendix A

TTMS Site Locations as of 09/28/2022

Dist	Cnty	Site	TPike	Active Roadway	Milepost	Latitude	Longitude	Site Description
4	93	0010		93010000	5.166	26.39752	80.07616	SR 5 / US 1 - N OF NEWCASTLE ST BOCA RATON,PBC
6	87	0031		87060000	1.531	25.77812	80.16486	SRA1A,MCARTHUR CSWY,0.2MI W OF PALM ISL ENT,DADE CO
2	29	0037		29010000	1.097	30.20133	82.77656	SR-10/US-90,0.6 MI. E. OF CR- 252A,COLUMBIA CO.
5	75	0038		75050000	3.743	28.55072	81.59719	SR 50,0.5 MI E CR-545,W OF ORLANDO,ORANGE CO.
1	07	0039		07010000	.07	26.70977	81.56528	SR-80, 2.9 MILES W OF CR 78A AT LEE COUNTY LINE
2	26	0043		26100000	.8	29.72442	82.35387	SR-121,0.8 MILES NORTH OF US- 441,ALACHUA CO.
7	02	0044		02030000	2.13	28.72565	82.5531	SR-55/US-19,0.2 MILES NORTH OF CR- 480,CITRUS CO.
2	74	0047		74030000	22.43	30.7761	81.97898	SR15/US1,7 MI N OF HILLIARD @ STATE LINE,NASSAU CO
3	48	0048		48010000	1.191	30.52925	87.43044	SR10/US90,1 MI E OF PERDIDO RIVER BRG,ESCAMBIA CO.
3	53	0050		53050000	17.715	30.98902	85.40753	SR-75/US-231,.7 MI S OF ALA. STATE LINE,JACKSON CO
3	60	0051		60070000	6.701	30.81683	86.12305	SR 83, 0.6 MI N OF CR-192,N OF DEFUNIAK,WALTON CO.
3	50	0054		50040000	5.861	30.68182	84.38361	SR-63/US-27,0.7 MI S OF GA. STATE LINE,GADSDEN CO.
3	49	0060		49040000	9.88	29.91573	84.5232	SR-30/US-98,0.5 MI SOUTH OF SR- 319,FRANKLIN CO.
2	72	0062		72190000	13.477	30.28829	81.41458	SR-212/US-90,0.1 MI E OF HOPSON RD,DUVAL CO.
4	92	0065		92030000	22.153	28.15652	81.11059	US-192,2 MI W OF SR-15,HOLOPAW, OSCEOLA CO.
7	15	0066		15140000	3.221	27.83532	82.83496	SR-699(GULF BLVD),110' N OF 183 AVE W,PINELLAS CO.
1	04	0068		04040000	4.883	27.2621	81.9845	SR-70, 0.24 MILE SE OF NW MIZELL AVE.,DESOTO CO.
2	28	0073		28020000	19.08	29.97714	82.22779	SR-100,1.3 MI EAST OF CR-235, BRADFORD CO.
7	14	0079		14050000	20.26	28.45137	82.1872	SR-35/US98&301,0.2 MI S OF US301 & 98 JCT,PASCO CO
7	10	0080		10030000	16.945	28.02063	82.17816	SR-600/US-92, 0.2 MI W OF TURKEY CREEK RD,HILLS. CO
7	15	0086		15090000	8.995	27.87279	82.60599	SR-600/US-92,1 MI E OF SAN MARTIN BLVD,PINELLAS CO
4	93	0087		93060000	28.302	26.71826	80.0434	SRA1A,0.1 MI E OF FLAGLER MEMORIAL BRG,PALM BCH CO
1	03	0094		03010000	14.467	26.12386	81.7627	SR-90/US-41,.3 MI SE OF CR31/AIRPORT RD,COLLIER CO

Site Descriptions
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Appendix A

6	87	0096		87240000	12.455	25.9127	80.22677	SR-9, 0.4 MI SW OF BISCAYNE CANAL BRG, DADE CO
4	93	0099		93210000	9.385	26.46423	80.20499	SR-7/US-441,0.7 MI NORTH OF SR-806,PALM BEACH CO.
4	93	0101		93120000	10.879	26.68063	80.21461	SR80/SOUTHERN BLV,1 MI W OF SR7/US441,PALM BCH CO.
5	77	0102		77010000	9.991	28.76523	81.28332	ON US-17&92,1.6 MI S OF SR-46,SEMINOLE CO.
5	75	0104		75060000	19.42	28.54169	81.08634	SR-50, 0.19 MI W OF SR-520 NEAR BITHLO, ORANGE CO
2	76	0105		76010000	23.932	29.61092	81.58355	SR-15&20&100/US-17,2.6 MI S OF SR-207,PUTNAM CO.
6	87	0108		87004000	3.536	25.8108	80.15733	SR-112/I-195, 1 MI E OF SR-5/US-1, DADE CO.
2	72	0109		72270000	4.297	30.29025	81.96592	SR-8/I-10,@CR-217 OVERPASS,E. OF BALDWIN,DUVAL CO.
2	32	0112		32100000	25.299	30.59913	83.12493	SR93/I75,@STATE LINE, 0.5 MI N OF SR143,HAMILTON CO
5	70	0113	N	70100000	10.27	28.35674	80.707	SR-520, 0.144 MI. W OF CR-3,BREVARD CO.
4	70	0114		70010000	11.226	28.00176	80.562	SR-5/US-1,0.2 MI S OF SR-514,MALABAR,BREVARD CO.
2	34	0116		34010000	2.45	29.56058	82.90608	SR-55/US-19, 2 MI S OF SR-26, LEVY CO
3	53	0117		53010000	13.439	30.77749	85.23653	SR-10/US-90,W OF RUSS STREET,MARIANNA,JACKSON CO.
4	36	0118		36001000	3.79	29.27059	82.15198	SR-25/US-301,0.3 MI N OF SR-326,MARION CO.
3	57	0122		57010000	11.958	30.75492	86.61436	SR-10/US-90,2 MI W OF SR-85,CRESTVIEW,OKALOOSA CO.
4	75	0130		75280000	7.5	28.43779	81.47464	SR-400/I-4,0.8 MI S OF SR-482,ORANGE CO.
2	74	0132		74160000	10.15	30.71832	81.66905	SR-9/I-95,2.0 MI S OF GA. STATE LINE,NASSAU CO.
4	79	0133		79002000	18.997	29.04766	81.00669	I-95,2.7 MI N OF SR44,@CR44 O/P,VOLUSIA CO.
4	70	0134		70220000	9.95	27.95394	80.61009	SR-9/I-95,3.34 MI. S. OF SR-514,BREVARD CO.
6	87	0137		87260000	18.42	25.92502	80.3019	SR 826/PALMETTO XPWY,2600' E OF NW 67TH AV,DADE CO
4	88	0139		88060000	6.111	27.65299	80.78428	SR 60-1.5 MI E OF BLUE CYPRESS LK RD INDIAN RIV CO
4	93	0140		93310000	4.663	26.91735	80.31314	SR-710/BEE LINE HWY,3.6 MI SE OF SR-706,PALM BCH CO
1	03	0143		03080000	42.386	26.47974	81.43443	SR 29,0.4 MI S OF SR-82,IMMOKALEE,COLLIER CO.
4	94	0144		94070000	11.58	27.44739	80.49007	CR 68/ORANGE AVE .4 MI E OF JCT CR 609,ST LUCIE CO
1	04	0145		04020102	.31	27.25058	81.8452	SR-35/US-17,0.3 MI N LIVINGSTON ST,DESOTO CO.
1	13	0146		13050000	15.84	27.47488	82.32324	SR-64,1 MI W OF CR675,E OF DESOTO SPDWY,MANATEE CO
2	33	0149		33010000	29.479	29.9512	82.95375	SR-20/US-27,0.3 MI W OF SR-349,LAFAYETTE CO.
3	55	0151		55080000	.445	30.43824	84.27335	SR-20/US-27,0.7 MI W OF MAGNOLIA DR@RR O/P,LEON CO
5	75	0154		75003000	1.4	28.47229	81.31036	SR-436,1.4 MI N OF SR-528,ORANGE CO.
3	48	0156		48260000	6.455	30.52592	87.32245	I-10, 0.6 MI W SR-297 U/P,@ST LN,ESCAMBIA CO.
2	72	0161	N	72100000	.77	30.30635	81.63874	SR-10/US-90(ATL BLVD),100' W OF TRAYMORE RD.,JAX,DUVAL CO.
7	10	0162		10110000	3.052	27.95201	82.38613	

							SR-60,1 MI EAST OF US-41,HILLSBOROUGH CO.
4	86	0163	86070000	22.592	26.28968	80.1237	SR-9/I-95,NE OF 48TH ST,POMPANO BEACH,BROWARD CO.
6	90	0164	90060000	32.276	25.16813	80.37653	SR-5/US-1, 1400' S OF CR-905,KEY LARGO,MONROE CO.
6	90	0165	90010000	4.335	24.571749	81.746361	SR-5/US-1,200' E COW KEY BRDG#00000170,MONROE CO.
3	46	0166	46010000	7.519	30.22213	85.88881	SR-30/US-98A,100YDS E SR-79,PANAMA CITY BCH,BAY CO
3	57	0167	57030000	.3	30.41028	86.79598	SR-30/US-98,0.3 MI E OF SANTA ROSA C/L,OKALOOSA CO
3	60	0168	60020001	.15	30.38561	86.39463	SR 30 (US 98) 0.1 MI E OF OKALOOSA C/L, WALTON CO.
5	79	0170	79210000	.82	28.9525	80.94205	SR-442, 0.53 MI E OF I-95,VOLUSIA CO.
2	72	0171	72280000	14.142	30.27765	81.61768	SR-9/I-95,0.7 MI N OF UNIVERSITY BLVD,JAX,DUVAL CO
2	72	0172	72170000	5.894	30.2724	81.73468	SR-21,S END OF CEDAR RIVER BR.,JAX,DUVAL CO.
3	47	0173	47010000	21.99	30.44322	85.03643	SR-20,0.6 MI EAST OF SR-71,CALHOUN CO.
4	93	0174	93220000	27.962	26.428569	80.50144	SR 9 / I-95 @ CONGRESS AVE O/P,WPB,PBC
5	75	0175	75040000	11.619	28.50688	81.37617	SR-527/ORANGE AVE,@BUTLER DR.,ORLANDO,ORANGE CO.
4	86	0176	86010000	1.634	25.9982	80.1425	SR 5 / US 1 - 0.1 MI N OF PEMBROKE RD,BROWARD CO
5	11	0177	11010000	8.58	28.83091	81.82208	SR-500/US-441,0.3 MI E OF CR-44,LAKE CO.
6	87	0178	87030000	3.907	25.71883	80.27122	SR-5/US-1,S OF GRANADA BLVD,CORAL GABLES,DADE CO.
1	13	0180	13020000	3.642	27.52495	82.51346	SR-43/US-301,0.5 MI SW OF I-75,MANATEE CO,
1	17	0181	17020000	10.439	27.2377	82.5023	SR-45/US-41,600' NW OF SPRINGFIELD DR,SARASOTA CO.
2	74	0182	74040000	29.993	30.6298	81.61033	SR-A1A&200/US-301,0.4 MI W OF SR-5/US-17,NASSAU CO
7	15	0183	15170000	6.921	27.67815	82.67787	SR-93/I-275,900' S OF SKYWAY TOLLBOOTH,PINELLAS CO
1	12	0184	12075000	15.407	26.53256	81.79517	SR-93/I-75, 1.7 MI S OF DANIELS PKWY U/P,LEE CO
2	26	0185	26050000	4.84	29.67038	82.29893	SR-24, 1.5 MI NORTH OF SR-26,ALACHUA CO.
6	87	0187	87200000	2.068	25.78172	80.34574	SR-836, 1.4 MI E OF NW 107TH AVE UNDERPASS,DADE CO.
6	87	0188	87001000	8.574	25.68794	80.341	SR-94/KENDALL DR,150' W OF SW 91ST AVE,DADE CO.
2	71	0189	71020000	7.629	30.09361	81.70638	SR-15/US-17,0.6 MI S OF CR-220,CLAY CO.
7	14	0190	14140000	2.64	28.20722	82.3772	SR-93/I-75, 1.0 MI N OF SR-56,PASCO CO.
1	03	0191	03175000	60.1	26.26649	81.74236	SR-93/I-75,0.5 MI N OF CR-896,COLLIER CO.
3	46	0192	46050000	22.307	30.43572	85.4465	SR-20,1.1 MI. WEST OF US-231,BAY CO.
5	87	0193	87021000	1.491	25.69552	80.32028	SR-878, 0.2 MI W SR 826, DADE CO.
4	94	0195	94030000	16.308	27.39156	80.46052	SR 70 ,1.18 MI E OF CR 609-A, ST LUCIE CO
5	77	0197	77120000	6.626	28.69801	81.36682	SR-434,1.6 MI E OF I-4,SEMINOLE CO.
4	93	0198	93220000	13.463	26.50747	80.07444	SR9/195,@SW 23RD AVE O/P,1.5 M S OF SR804,PALM BCH
7	14	0199	14030000	4.416	28.23501	82.72819	SR-55/US-19,1.4 MI N SR-54,NEWPORT RICHEY,PASCO CO

2	32	0202		32040000	6.375	30.60243	83.01515	SR-100/US-129,0.5 MI N OF CR-150,HAMILTON CO.
1	12	0203		12005000	4.182	26.60551	81.8265	SR-884,1.6 MI W OF I-75,LEE CO.
5	75	0204		75002000	10.71	28.45178	81.30261	SR-528/BEE LINE EXPWY,2.26 MI W OF SR-15,ORANGE CO.
3	55	0207		55110000	2.494	30.49387	84.27711	SR-155/MERIDIAN RD, @I-10, TALLAHASSEE, LEON CO.
3	55	0211		55070000	12.029	30.43976	84.47626	SR-20,BTWN COES & WILLIAMS LANDING RDS,LEON CO.
4	86	0214		86130000	3.393	26.23112	80.16312	SR 814/ATLANTIC BLV - 0.1 MI E OF 30 AV,BROWARD CO
4	86	0215		86050000	10.087	26.23361	80.09102	SR-A1A,0.1 MI N OF SR-814/ATLANTIC BLVD,BROWARD CO
2	72	0216		72002000	6.759	30.40294	81.56457	SR-9A,0.7 MI S OF SR-105/HECKSCHER RD,DUVAL CO.
4	93	0217		93220000	41.236	26.53677	80.80778	SR-9/I-95,0.8 MI N OF DONALD ROSS RD,PALM BEACH CO
3	53	0218		53002000	4.304	30.75556	85.36099	SR-8/I-10,1 MI E OF US-231,JACKSON CO.
3	57	0219		57050000	2.064	30.55506	86.49924	SR-85,1.9 MI N SR-20,2.2 MI S SR-123,OKALOOSA CO.
3	50	0220		50001000	23.934	30.53105	84.54609	SR-8/I-10,250' W OF CR-268 OVERPASS,GADSDEN CO.
5	97	0223	T	70471000	3.68	28.49352	80.84429	SR-407, 0.7 MI SOUTHWEST OF I-95, BREVARD CO.
1	17	0225		17075000	35.362	27.28356	82.44903	SR-93/I-75,0.7 MI N SR72@PROCTOR RD OP,SARASOTA CO
6	90	0227		90020000	25.053	24.66961	81.3713	SR-5/US-1,200' NE NORTH PINE CHANNEL BRG,MONROE CO
1	01	0228		01050000	11.605	26.96232	82.2113	SR-776,427' SW OF RIVERBEACH DR,CHARLOTTE CO.
1	09	0229		09140000	7.506	27.41596	81.44515	SR-66,430' E OF SPARTA ROAD,HIGHLANDS CO.
1	16	0230		16070000	17.151	28.22139	81.82031	SR-33,0.057 MI SOUTH OF FUSSEL ROAD,POLK CO.
2	26	0231		26030000	11.07	29.61408	82.591	SR-45/US-27,0.26 MI N OF SW 46TH AVE,ALACHUA CO.
2	27	0232		27030000	16.355	30.36155	82.13393	SR-121,240' SOUTH OF STATE LINE,BAKER CO.
2	71	0233		71070000	.124	30.04425	81.89352	SR-21,0.124 MI NORTH OF CR-215,CLAY CO.
2	30	0234		30030000	29.447	29.68789	82.98414	SR-349,0.1 MI NORTH OF FOREST HILLS RD,DIXIE CO.
2	72	0235		72140000	12.125	30.34464	81.95345	SR-200/US-301,1.45 MI S OF NASSAU CO. LN,DUVAL CO.
2	72	0236		72260000	4.1	30.44534	81.41553	SR-A1A,NORTH OF FT GEORGE RIVER,DUVAL CO.
2	33	0237		33040000	9.185	29.94474	83.2634	SR-51,1.3 MILES NORTH OF CR-357,LAFAYETTE CO.
2	37	0238		37120000	16.741	30.31177	82.93361	SR-8/I-10,0.15 MI WEST OF CR-136,SUWANNEE CO.
2	34	0239		34070000	10.012	29.23901	82.93227	SR-24,0.6 MILES EAST OF SR-345,LEVY CO.
2	76	0240		76050000	16.309	29.62687	81.79641	SR-20,0.4 MI EAST OF ROWLAND ROAD,PUTNAM CO.
2	37	0241		37040000	13.05	30.14375	82.95162	SR-249/US-129,300' N OLD ALIGN RD,SUWANNEE CO.
2	37	0242		37080000	1.88	29.96916	82.90012	SR-247,1.3 MI N SR-249/US-129,BRANFORD,SUWANNEE CO
3	48	0243		48130000	21.193	30.97937	87.4907	SR-97,1.3 MI S OF ALABAMA STATE LINE,ESCAMBIA CO.
3	54	0245		54060000	4.163	30.40888	84.0207	

								SR 59 1150' NORTH OF SR 20 (US 27), JEFFERSON CO
5	11	0246		11110000	2.125	28.85303	81.65046	SR-44,720' EAST OF CR-44,LAKE CO.
3	53	0247		53060000	11.537	30.98257	85.48675	SR 77, 0.35 MILES SOUTH OF PRIMROSE LN, JACKSON CO
3	53	0248		53070000	29.985	30.97592	85.05225	SR-2,575' WEST OF EDEN ROAD,JACKSON CO.
5	36	0249		36004000	6.079	29.14724	82.06969	SR-464,140' EAST OF 47TH AVENUE,OCALA,MARION CO.
3	57	0250		57130000	1.665	30.4642	86.62036	SR-189,1.6 MI N OF SR-188/US- 98,OKALOOSA CO.
3	58	0251		58010000	27.032	30.69357	86.80592	SR-10/US-90,0.9 MI W OKALOOSA CO LN,SANTA ROSA CO.
3	59	0252		59100000	1.611	30.28718	84.4005	SR 267 150' SOUTH OF FORREST ROAD 313, WAKULLA CO.
3	61	0253		61040000	17.993	30.6062	85.72757	SR 79, 443' SOUTH OF SPOOL MILL RD, WASHINGTON CO.
3	61	0254		61080000	19.337	30.6858	85.56816	SR 77, 406' NORTH OF LONNIE ROAD, WASHINGTON CO.
4	86	0255		86028000	6.461	26.27473	80.14619	SR834/SAMPLE RD,.35 M E OF POWERLINE RD,BROWARD CO
4	86	0256		86015000	4.444	26.06478	80.24209	SR-818/GRIFFIN RD,135' W OF SW 72 AVE,BROWARD CO.
6	87	0258		87034000	4.291	25.9187	80.1876	SR-915/NE 6TH AV,220' S OF NE 157TH ST,DADE CO.
4	89	0259		89040000	6.46	27.23392	80.18591	SR A1A - 0.06 MI N OF OCEAN VIEW, MARTIN CO
4	94	0260		94001000	17.065	27.43967	80.39039	SR 9/I-95-0.6 MI S OF SR 68/ORANGE AV,ST LUCIE CO
3	58	0261		58030000	.051	30.37316	87.17698	SR-30/US-98,267' E PENSACOLA BAY BR,SANTA ROSA CO.
5	11	0262		11100000	6.32	28.94965	81.65763	SR-19,1.2 MI N OF CR-42E,68' N OF PALM ST,LAKE CO.
5	73	0263		73010000	3.29	29.38624	81.18876	SR-5/US-1,1.3 MI N OF CR- 202,FLAGLER CO.
5	36	0264		36080000	5.135	29.21148	82.0649	SR-40,566'E OF NE 24TH ST,OCALA,MARION CO.
5	92	0265		92090000	12.519	28.30447	81.45019	ON US-192,0.2 MI E OF YATES RD,OSCEOLA CO.
6	97	0267	T	87471000	28.614	25.8021	80.38624	HEFT/SR-821, N OF NW 25TH ST/SR-836
2	29	0269		29170000	7.969	30.24551	82.66734	SR-8/I-10,0.45 MI E OF US-41,LAKE CITY,COLUMBIA CO
1	03	0270		03040000	16.331	25.86463	81.1106	SR-90/US-41,0.7 MI W OF CR- 94,COLLIER CO.
1	04	0271		04060000	10.042	27.21808	81.90134	SR-72,600' WEST OF CR-661,DESOTO CO.
1	05	0272		05020000	.904	26.84687	81.12293	SR-78,0.9 MI NORTH OF US-27,GLADES CO.
1	12	0273		12090000	3.842	26.7574	81.76104	SR-31,202' NORTH OF FOXHILL ROAD,LEE CO.
1	16	0274		16250000	20.847	27.93313	81.97428	SR-37,0.4 MI S OF SHEPPARD RD,LAKELAND,POLK CO.
1	16	0275		16140000	8.733	28.07847	81.66711	SR-544,0.24 MI W CR-544/OLD LUCERNE PK RD,POLK CO.
7	10	0276		10120000	9.712	27.71231	82.27562	SR-674,686' W OF BALM WIMAUMA RD,HILLSBOROUGH CO.
2	32	0277		32050000	6.737	30.49021	83.13253	SR-6,0.4 MI EAST OF BURHAM CHURCH RD,HAMILTON CO.
2	34	0278		34010000	20.158	29.46761	82.67087	SR-55/US-27A,158' SE OF CR- 339A,LEVY CO.
2	35	0279		35010000	19.491	30.47046	83.42297	SR-10/US-90,47' E OF SUMANTRA DRIVE,MADISON CO.

2	38	0280	38090000	1.267	30.14395	83.95412	SR-30/US-98,1.25 MI E OF AUCILLA RIVER,TAYLOR CO.
3	50	0281	50140000	8.285	30.69801	84.62463	SR-267,0.21 MI S OF GEORGIA STATE LINE,GADSDEN CO.
3	48	0282	48012000	5.151	30.47531	87.21795	SR-296,320' E SPRINGHILL DR,PENSACOLA,ESCAMBIA CO.
7	08	0283	08020000	8.094	28.53073	82.56778	SR-55/US-19,0.75 MI N OF SR-50/CORTEZ BLV,HERNANDO CO
5	70	0284	70060000	11.01	28.00605	80.52847	SR-A1A,360' NORTH OF COVE ROAD,BREVARD CO.
3	58	0285	58060000	17.352	30.89257	87.16548	SR-89,1270' SOUTH OF CR-164,SANTA ROSA CO.
2	29	0286	29070000	4.262	30.20721	82.6373	SR-47/US-441,0.1 MI S CR-25A,@WEIGH ST,COLUMBIA CO
4	89	0289	89060000	21.138	27.06025	80.30348	SR 76 / KANNER HWY - 3 MI W OF CR 711/MARTIN CO
4	88	0291	88070000	21.879	27.8518	80.4441	SR A1A-0.5 MI S SEBASTIAN INLET BR INDIAN RIVER CO
5	73	0292	73001000	9.675	29.53694	81.20716	SR-9/I-95,1.4 MI S OF PALM COAST PKWY,FLAGLER CO.
7	08	0294	08010000	10.695	28.56119	82.37732	SR-45/US-41,N OF CR-485/MONDON HILL RD,HERNANDO CO
7	15	0295	15150000	6.566	27.80172	82.67938	SR-55/US-19,230' N OF 36TH AV,ST PETE,PINELLAS CO.
3	59	0296	59020000	3.141	30.22057	84.36242	SR 369 (US 319) 3 MI SOUTH OF SR 267, WAKULLA CO.
2	29	0297	29020000	2.125	29.89419	82.7281	SR-47,2.2 MI S OF SR-20/US-27,COLUMBIA CO.
4	86	0298	86100000	18.801	26.24335	80.2013	SR7/US441,.1 MI S OF COCONUT CREEK PKWY,BROWARD CO
5	77	0299	77040000	5.291	28.78708	81.18714	SR-46,0.4 MI W OF ST. JOHNS RIVER BRG,SEMINOLE CO.
3	55	0300	55040000	2.185	30.30531	84.24552	SR-363/WOODVILLE HWY,728' N OF FILMORE,LEON CO.
3	56	0301	56020000	28.092	30.49681	84.89155	SR-12,1.7 MI S OF GADSDEN COUNTY LINE,LIBERTY CO.
7	15	0302	15030000	4.694	27.91635	82.71111	SR-686,200' W OF CR-595/AVALON AVE.,PINELLAS CO.
3	55	0304	55320000	8.03	30.49693	84.2691	SR-8/I-10,1 MI W OF THOMASVILLE RD U/P,LEON CO.
3	46	0305	46010100	.923	30.18786	85.74834	SR-30/US-98,250' WEST OF HATHAWAY BRIDGE,BAY CO.
4	86	0306	86040000	19.556	26.012032	80.121577	SR-820/HOLLYWOOD BLVD,300' W OF 8 AVE,BROWARD CO.
3	46	0308	46060000	3.433	30.20727	85.64941	SR-77,1865' NORTH OF BALDWIN ROAD,BAY CO.
1	16	0310	16180000	20.543	28.18484	81.63965	SR-25/US-27,280' S OF S HOLLY HILL TANK RD,POLK CO
2	78	0311	78010000	14.276	29.85497	81.32262	SR-5/US-1,0.3 MI N OF LEWIS POINT RD,ST JOHNS CO.
3	54	0312	54020000	10.625	30.4082	83.90142	SR 20/US 27,.665 MI E OF SR 57/US 19,JEFFERSON CO.
3	51	0313	51020000	5.15	29.86154	85.24352	SR-71,0.5 MI NORTH OF CR-382,GULF CO.
4	88	0314	88010000	5.439	27.63346	80.3893	SR-5/US-1,N. OF 17TH ST,VERO BCH.,INDIAN RIVER CO.
3	46	0315	46040000	.458	30.1655	85.66035	SR-75/US-231,190' S OF 10TH ST,PANAMA CITY,BAY CO.
3	51	0316	51070000	7.565	29.77662	85.27618	SR-30/US-98,0.2 MI E OF CR-30A,PORT ST JOE,GULF CO
5	36	0317	36210000	12.16	29.1242	82.1852	I-75, 0.23 MI N OF WILLIAMS RD/SW 66TH ST O/P, MARION CO.

3	57	0318	57002000	11.254	30.71685	86.61029	SR-8/I-10,@ANTIOCH RD O/P,OKALOOSA CO.
1	16	0319	16030000	1.667	27.67047	81.82202	SR-35/US-17,0.3 MI N OF BILL BRYAN RD,POLK CO.
2	29	0320	29180000	22.364	30.21925	82.7093	SR-93/I-75,BETWEEN I-10 AND US- 90,COLUMBIA CO.
7	10	0321	10290000	1.288	28.05426	82.43835	SR-582/FOWLER AV,1450' E OF 15TH ST,TAMPA,HILLS CO
5	70	0322	70225000	25.8	28.71535	80.88965	SR-9/I-95,0.9 MI S OF AURANTIA RD U/P,BREVARD CO.
2	26	0323	26250000	1.347	29.62333	82.37274	SR-121/34TH ST,1000' SOUTH OF SR- 24,ALACHUA CO.
7	02	0324	02050000	7.127	28.85185	82.49094	SR-44,0.2 MI WEST OF CR-491,CITRUS CO.
3	48	0325	48110000	.991	30.39978	87.42242	SR30/US98,1 MI E OF ALABAMA STATE LINE,ESCAMBIA CO
1	09	0327	09010000	9.467	27.16947	81.3288	SR-25/US-27,2.7 MI SOUTH OF SR- 70,HIGHLANDS CO.
3	47	0328	47020000	2.089	30.23029	85.20604	SR-71,0.4 MI SOUTH OF SR- 73,CALHOUN CO.
2	78	0329	78040000	13.213	29.85296	81.27895	SR-A1A,531' S OF 16TH ST,ST AUGUSTINE,ST JOHNS CO.
3	58	0330	58080000	23.29	30.85991	86.88602	SR-4,0.7 MI WEST OF CR-191,SANTA ROSA CO.
4	86	0331	86070000	1.072	25.98753	80.16508	SR9/I95,.1 MI N OF SR858/HALLANDALE BCH BLV,BROWARD
4	89	0332	89015000	1.085	27.21471	80.26044	SR5/US1,@ N END OF ROOSEVELT BRG.,STUART,MARTIN CO
1	13	0333	13160000	4.149	27.44571	82.4793	SR-70,1.3 MI W OF I-75,BRADENTON,MANATEE CO.
4	89	0334	89095000	24.714	27.20464	80.40018	SR 9 / I-95 - 0.1 MI S ST. LUCIE CO, MARTIN CO
5	73	0335	73020000	5.293	29.4765	81.17428	SR-100,1500' E OF OLD KINGS ROAD,FLAGLER CO.
3	47	0337	47020000	28.137	30.51293	85.1227	SR-71,.4 MI N OF JIM GODWIN,BLOUNTSTOWN,CALHOUN CO.
5	77	0343	77160000	5.135	28.7154	81.37748	SR-400/I-4,1.6 MI E OF SR- 434,SEMINOLE CO.
3	61	0344	61010000	15.616	30.7762	85.5781	SR-10/US 90,0.6 MILE WEST OF SR- 277,WASHINGTON CO.
5	70	0345	70012000	2.895	28.04041	80.62184	SR-507/BABCOCK,.4 MI N CR- 516,MELBOURNE,BREVARD CO
3	48	0348	48060000	15.984	30.94705	87.28587	SR-95/US-29,450' N OF CHURCH ROAD,ESCAMBIA CO.
3	55	0349	55050000	14.2	30.62344	84.1703	SR-61/US-319,4.1 MI S OF GEORGIA STATE LN,LEON CO.
1	01	0350	01075000	13.423	26.9169	82.01186	SR-93/I-75,@AIRPORT RD OP,PUNTA GORDA,CHARLOTTE CO
1	03	0351	03175000	41.52	26.15312	81.54368	SR-93/I-75,W OF EVERGLADES BLVD,COLLIER CO.
3	57	0356	57060000	12.4	30.91501	86.48605	SR-85,0.757 MI S OF CR-2,LAUREL HILL,OKALOOSA CO.
4	86	0357	86075000	20.2	26.14585	80.48102	SR93/I75,2 MI W OF US27,.6 MI W OF TOLL,BROWARD CO
5	18	0358	18130000	8.16	28.67479	82.13852	SR-93/I-75,0.5 MI N OF SR-48 O/ P,BUSHNELL,SUMTER CO
3	46	0359	46040000	29.32	30.49385	85.41586	US231,0.250MI. N. HARRINGTON RD, FOUNTAIN, BAY CO
2	78	0360	78070000	15.058	30.10387	81.62707	SR-13,0.276 MI. S OF DAVIS POND RD.,ST. JOHNS CO.
4	86	0362	86075000	.785	25.96797	80.35183	

								SR-93/I-75, 0.78 MI N OF DADE CO/L, BROWARD CO.
3	52	0364		52050000	30.03	30.96481	85.59687	SR-2, 0.97 MI W OF CR-173, HOLMES CO
3	47	0365		47030000	8.635	30.57114	85.02185	SR-69, 1.4 MI N OF JODY FIELD RD, SELMAN, CALHOUN CO
3	60	0366		60002000	10.234	30.7409	86.22705	SR-8/I-10, 1.3 MI W OF BOY SCOUT RD, WALTON CO.
1	01	0367		01010000	4.601	26.82745	81.96852	SR-45/US-41, 4.6 MI N OF LEE CO LINE, CHARLOTTE CO.
3	48	0368		48270000	3.417	30.46193	87.22534	I-110, 0.6 MI S OF BRENT LN, PENSACOLA, ESCAMBIA CO.
3	49	0369		49060000	.223	29.76077	84.83313	SR65, 0.22 MI NORTH OF US98/319
5	70	0370		70070000	5.962	28.40169	80.74454	SR-528, 0.502 MI. E OF US-1 (UCLP)
3	55	0371	N	55320000	8.027	30.49652	84.26787	I-10 1mi westt of Thomasville Road, Test Site Near Site 55-0304
6	10	0372		10150000	8.005	27.99637	82.53009	SR-580, 0.36 MI E OF HOOVER BLVD, TAMPA, HILLSBOROUGH CO
7	10	0373		10060000	23.045	27.91558	82.40171	US-41, 0.5 MI S OF SR-676/CAUSEWAY BLVD, TAMPA, HILLS CO
4	89	0374		89010000	1.93	26.99734	80.09726	SR-5/US-1, 1.9 MI N OF PALM BEACH CO LINE, MARTIN CO
3	54	0375		54001000	17.712	30.45142	83.75296	I-10 EAST OF CR-257, JEFFERSON COUNTY
3	55	0376		55003000	1.225	30.37544	84.24942	TEST SITE SR-261/US-319. 1.2 MI E OF SR-363
7	15	0378		15070000	3.147	28.01921	82.73976	SR-580/MAIN ST, W OF US-19/SR-55
7	14	0379		14091000	3.091	28.19209	82.38001	SR-56 E OF I-75
4	86	0380		86095000	4.709	26.100603	80.257677	I-595, 0.5 MI E OF SR-817
4	86	0381		86095900	5.521	26.100964	80.257568	I-595 EXPRESS, 0.5 MI E OF SR-817
6	87	0382		87059000	.975	25.77508	80.17177	SR 887 - PORT TUNNEL
6	87	0383		87120000	1.666	25.76088	80.454748	SR-90/US-41/SW 8TH ST, 0.36 MI. W OF SW 157TH AV, DADE COUNTY
4	86	0384		86200000	3.068	25.98521	80.15536	SR 858/HALLANDALE BCH BLVD 0.5 MI. E. I-95, BROWARD COUNTY
3	57	0385		57030000	15.417	30.39218	86.54577	SR-30/US-98, 3.3 MILES EAST OF BROOKS BRIDGE, FT. WALTON BEACH, OKALOOSA COUNTY
3	57	0386		57030000	18.644	30.39127	86.49139	SR 30/US-98, 300' W OF CR-30C /BCH DR
7	15	0387		15150000	29.511	28.12077	82.73999	SR-55/US-19, SOUTH OF C-79/KLOSTERMAN RD
7	10	0388		10020000	4.578	28.01532	82.45962	SR-685/BUS US-41/N FLORIDA AVE, SOUTH OF BROAD ST
7	14	0389		14090000	2.786	28.18578	82.4215	SR 54, 0.38 MILES EAST OF LIVINGSTON RD
7	10	0390		10075000	24.22	27.95831	82.32691	SR-93/I-75. NORTH OF SR-60
7	97	0391	T	10470000	8.102	28.07022	82.56483	VETERAN'S EXPWY/SR-589 M/L, N OF ROCKY CREEK II BRIDGE
3	58	0398		58050000	4.412	30.68388	87.05378	SR-87, 180' NORTH OF BASS LANE, MILTON
4	97	0403	T	86470000	2.055	25.99943	80.21988	SR-91, N OF PEMBROKE RD/SR-824
7	97	0406	T	08470000	4.319	28.49269	82.48064	SUNCOAST PKWY/SR-589, N OF POWELL RD/CR572
1	97	0407	T	16470000	4.793	27.99713	81.98791	POLK PKWY/SR-570, BTWN WARING RD AND HARDEN BLVD/SR-563
4	97	0413	T	93470000	9.428	26.4648	80.17444	SR-91, N OF ATLANTIC AVE/SR-806
4	97	0416	T	93470000	35.901	26.83866	80.12977	SR-91, S OF PGA BLVD/SR-786
4	97	0417	T	93470000	42.857	26.93515	80.15371	SR-91, S OF INDIANTOWN RD/SR-706
4	97	0421	T	94470000	15.612	27.41963	80.40674	SR-91, N OF OKEECHOBEE RD/SR-70

5	97	0428	T	11470000	7.72	28.62224	81.75212	SR-91, SE OF CR561
6	97	0430	T	87471000	3.607	25.48174	80.43319	HEFT/SR-821, N OF CAMPBELL RD/SW 312TH ST
5	11	0438		11200000	15.2	28.4255	81.70949	US-27, 8.8 MI S OF SR-50, LAKE COUNTY
5	36	0445		36100000	13.414	29.134314	82.201102	SR-200, 1.487 MI SW OF I-75
7	10	0446		10010000	15.431	27.853273	82.326521	SR 43/US 301, S OF GIBSONTOWN DR.
7	10	0447		10030000	4.226	27.996355	82.382096	SR 600/US92/E HILLSBOROUGH AVE, EAST OF HARNEY RD.
7	10	0448		10130000	11.077	27.987266	82.505146	SR 600/US92/DALE MABRY, NORTH OF SR 574/MLK BLVD.
7	10	0449		10010000	20.99	27.925881	82.35058	SR 43/US 301, S OF SR 618/CROSTOWN EXPWY.
7	10	0450		10110000	11.301	27.93786	82.25511	SR 60, WEST OF VALRICO RD.
7	10	0451		10150000	2.697	28.01417	82.61363	SR 580/HILLSBOROUGH AVE, EAST OF PISTOL RANGE RD
7	10	0452		10160000	9.374	28.130893	82.502233	SR 597/DALE MABRY HWY N, N OF VAN DYKE RD
7	97	0453	T	10470000	3.101	28.01128	82.54554	VETERANS EXPWY/SR-589 M/L, N OF JOHNS RD BRIDGE
2	38	0454		38010000	5.38	29.8407	83.37045	US-19, 5.07 MI N OF CR-51, TAYLOR COUNTY
3	56	0455		56040000	28.169	30.36819	84.81399	SR-65, TELOGIA
3	60	0456		60040000	14.684	30.56221	86.10663	US-331, 5.03 MI N OF SR-20, WALTON COUNTY
5	11	0457		11000098	4.92	28.6084	81.72166	N HANCOCK, MONTVERDE
7	15	0460		15040000	1.69	27.96086	82.77249	SR-60
7	10	0461		10310000	3.397	28.03307	82.45003	SR-580/BUSCH BLVD. E/O SR-45/US-41/NEBRASKA AVE
7	10	0462		10140000	7.842	27.5815	82.31658	SR-616/Spruce Street, West of Westshore Blvd.
7	08	0463		08040000	5.68	28.533606	82.482079	SR-50/CORTEZ BLVD, WEST OF SUNCOAST PARKWAY
7	10	0464		10040000	4.374	28.01126	82.45115	SR-45/US-41/N NEBRASKA AVE NORTH OF SLIGH AVE
3	55	9900	N	55003000	1.226	30.37544	84.24942	CAPITAL CIRCLE - TEST SITE
2	35	9902		35090000	24.61	30.38871	83.32658	I-10, 1.81 MI EAST OF CR-53, MADISON COUNTY
2	26	9904		26260000	4.927	29.54332	82.3321	SR-93/I-75, 2.5 MI N OF WACAHOOTA ROAD OP, ALACHUA CO.
2	72	9905		72280000	2.77	30.13464	81.53441	SR-9/I-95, 2.5 MI S OF I-295 S INTERCHANGE, DUVAL CO.
5	79	9906	N	79110000	4.678	28.8875	81.27905	ON I-4, 169' E OF ENTERPRISE RD O/P, VOLUSIA CO.
3	46	9907		46040000	22.531	30.39721	85.43494	SR-75/US-231, 2.9 MI S OF SR-20, YOUNGSTOWN, BAY CO.
2	34	9909		34010000	3.184	29.55195	82.90068	SR-55/US-19, 2 MI S OF SR-26, CHIEFLAND, LEVY CO.
4	97	9913	T	94470000	2.933	27.24645	80.34639	SR-91, N OF BECKER RD
2	72	9914		72001000	23.567	30.35666	81.76062	SR-9A/I-295, 3 MI N OF I-10, JACKSONVILLE, DUVAL CO.
3	48	9916		48040000	9.399	30.54356	87.28171	SR-95/US-29, 0.8 MI N OF US-90A, ESCAMBIA CO.
1	07	9918		07030000	10.618	26.75402	81.05527	SR-25&80/US-27, 1.6 MI EAST OF SR-80, HENDRY CO.
5	70	9919		70220000	39.08	28.32957	80.77445	SR-9/I-95, 2 MI S OF SR-520, COCOA, BREVARD CO.
5	18	9920		18130000	17.589	28.80083	82.08849	SR-93/I-75, 3.5 MI S OF FL TPK, SUMTER CO.
2	74	9923		74160000	5.571	30.65501	81.66265	SR-9/I-95, 2.5 MI N OF HWY A1A, JAX., NASSAU CO.

5	79	9925			79060000	6.903	29.10404	81.20973	US-92,0.25 MI E OF CLARKS BAY RD,VOLUSIA CO
1	16	9927			16100000	.816	28.05314	82.00487	SR-546/MEMORIAL BLV,0.75 MI E I-4,LAKELAND,POLK CO
5	79	9929			79010000	11.126	28.932	80.87713	SR-5/US-1,0.25 MI N OF RIO GRANDE RD,VOLUSIA CO.
5	97	9931	T		18470000	3.379	28.79909	81.99811	SR-91, S OF CR468
4	97	9933	T		86472000	4.258	26.17933	80.30672	SAWGRASS EXPWY/SR-869, N OF OAKLAND PARK BLVD/SR-816
6	97	9934	T	N	87471000	36.09	25.91205	80.38156	HEFT/SR-821, N OF US-27/OKEECHOBEE RD
2	29	9936			29170000	17.17	30.25178	82.51512	SR-8/I-10,@CR-250 OVERPASS,LAKE CITY,COLUMBIA CO.
3	50	9940			50080000	13.079	30.55474	84.59297	SR-267,1 MI N OF I-10,QUINCY,GADSDEN CO.
3	53	9943			53020000	12.386	30.71949	85.03963	SR-10/US-90,1.1 MI W OF SR-69,CYPRESS,JACKSON CO.
6	87	9947			87090000	8.1	25.87349	80.3491	US-27, 2.1 MILES N OF PALMETTO EXPWY, MIAMI-DADE CO
1	16	9948			16170000	17.539	27.87893	81.59732	SR-25/US-27,0.8 MI S OF SR-60,S OF OWENS RD, POLK CO
3	48	9949			48260000	8.7	30.50989	87.29086	I-10, 1.6 MI E OF SR-297, ESCAMBIA CO.
1	03	9950			03175000	61.558	26.28762	81.74264	I-75, 1.25 MI N OF CR-846/IMMOKALEE RD, NAPLES
1	16	9951			16320000	17.789	28.15774	81.81207	I-4, 0.6 MI W OF SR-559, POLK CO
4	93	9952			93220000	42.741	26.91493	80.14379	I-95 WIM, 2.4 MI N OF DONALD ROSS RD
7	10	9953			10075000	19.073	27.88915	82.34525	I-75 S OF SR-43/US-301 INTERCHANGE - HILLSBOROUGH COUNTY
7	10	9955			10320000	13.076	28.13405	82.41405	SR-93/I-275, 3 MI S OF I-75, HILLS CO.
2	32	9956			32100000	19.696	30.53374	83.07002	I-75 NORTH OF SR-6, JASPER
3	53	9957			53060000	5.205	30.90502	85.5221	SR - 77, SOUTH OF GRACEVILLE
3	60	9958			60002000	19.186	30.69169	86.09558	SR-8/I-10, 50' WEST OF CR-280A OVERPASS, WALTON CO
3	60	9959			60060000	21.435	30.99228	86.3092	SR-187/US-331, AT THE ALABAMA STATE LINE, WALTON CO.
5	75	9960			75002000	29.641	28.45234	80.99206	ORANGE COUNTY BEACHLINE
5	97	9961	T		92471000	33.446	28.25513	81.33073	SR-91, S OF NEPTUNE RD/CR525
7	10	9962			10190000	23.689	28.02784	82.20347	SR-400/I-4, UNDER BETHLEHAM RD O/P, HILLSBOROUGH CO.
2	28	9963			28010000	.06	29.84048	82.16257	SR-200/US-301,300' N OF SANTA FE RIV BR,BRADFORD CO
4	93	9964			93290000	3.064	26.71523	80.68418	SR-715,0.7 MI. S. OF HOOKER HWY.,PALM BEACH CO.
4	93	9965			93160000	22.815	26.61676	80.71219	SR-25/US-27,0.46 MI. N. OF CR-827,PALM BEACH CO.
5	97	9966	T	N	70471000	3.68	28.49352	80.84429	SR-407, 0.7 MI SW of I-95, Brevard County
1	17	9967		N	17075000	12.796	27.09999	82.23238	I-75, @ Ponce De Leon Blvd OP, Sarasota Co.
3	61	9968			61001000	19.367	30.7462	85.51048	SR-8/I-10 AT CR-273, SE OF CHIPLEY, WASHINGTON CO.
2	72	9969			72250000	5.021	30.41533	81.59181	SR-105 / ZOO PKWY 1.64 MI W/O I-295

APPENDIX B
MATERIAL SAFETY DATA SHEET
Section I – PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS:

CAS NAME AND NO:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

MANUFACTURER'S NAME & ADDRESS:

EMERGENCY TELEPHONE NUMBER:

Section II – HAZARDOUS INGREDIENTS

COMPONENT % (WT OR VOL) ACCIH TWA ACCIH STEL OSHA PEL

Section III – HAZARDOUS INGREDIENTS

APPEARANCE AND ODOR:

MOLECULAR WEIGHT:

BOILING POINT (°F):

MELTING POINT (°F):

VAPOR PRESSURE (mmHg):

SPECIFIC GRAVITY (water=1):

VAPOR DENSITY (air=1):

PERCENT VOLATILE (by weight):

pH:

SOLUBILITY IN WATER:

EVAPORATION RATE (Butyl Acetate=1):

Section IV – FIRE AND EXPLOSION DATA

FLASH POINT:

FIRE EXTINGUISHING MEDIA:

FLAMMABLE LIMITS (% by volume):

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT:

Section V – REACTIVE DATA

STABILITY:

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION:

Section VI – HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:

PROBABLE ROUTES OF EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION:

INHALATION:

EYE CONTACT:

SKIN CONTACT:

Section VII – TOXCITY DATA

ORAL:

DERMAL:

INHALATION:

MSDS

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[Company]

CARCINOGENICITY:

OTHER PERTINENT DATA:

Section VIII – SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

PROTECTIVE GLOVES:

EYE PROTECTION:

RESPIRATORY PROTECTION:

OTHER PROTECTIVE EQUIPMENT:

VENTILATION:

LOCAL EXHAUST:

MECHANICAL:

SPECIAL:

OTHER:

Section IX – SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WASTE DISPOSAL METHODS:

CLEAN WATER ACT REQUIREMENTS:

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:

Section X – REGULATORY INFORMATION

FDA:

USDA:

CPSC:

TSCA:

DOT:

PROPER SHIPPING NAME:

MSDS

HAZARDOUS CLASS:

LABEL REQUIRED:

IDENTIFICATION NUMBER:

OTHER PERTINENT INFORMATION:

Section XI – Special Precautions and Comments

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECATUIONS:

REGISTRATIONS/CERTIFICATIONS:

EFFECTIVE DATE:

SUPERSEDES:

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Friendly Environmental MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. Friendly Environmental will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

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APPENDIX C -TRAFFIC MONITORING INSPECTION SHEET (FDOT)

Date		Technician		Certified		
Speed		Counts		Classification		
Weight						
Site		Unit		Latitude		
Longitude						
Speed Limit N / E		S / W		Warning Sign Installed		
Camera		Bluetooth		Temp Sensor Reading Ohms		
Equipment Type		NH Number		Serial Number		
Firmware		2nd NH				
Modem Type		IP		Operational		
Firmware		IMEI		SIM		
RSSI		RSRP				
Number of Lanes		Loop Sealant				
Sensor Configuration		Piezo Sealant				
Sensor Mount		Loop Length ft. in.				
Piezo Type		Sensor Spacing ft. in.				
Power		Number of solar panels		Total Wattage		
Solar Output Voltage		Solar Output Amperage		Solar Regulator Output Voltage		
Total # of Batteries		Battery Voltage (under load)		Sun Cond		
Mast Type		Cabinet Type		Cabinet Mount		
Universal Harness				Backplane		
Power		Lane relation	Lane 1		Lane 5	
Piezo Sensor			Lane 2		Lane 6	
Loop Sensor			Lane 3		Lane 7	
Weigh Pad			Lane 4		Lane 8	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

CONTRACT (BEF74) #DOT-RFP-23-9053-SD

During the performance of this Agreement, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

- A. It is understood and agreed that all rights of the Florida Department of Transportation relating to inspection, review, approval, patents, copyrights, and audit of the work, tracing, plans, specifications, maps, data, and cost records relating to this Agreement shall also be reserved and held by authorized representatives of the United States of America.
- B. It is understood and agreed that, in order to permit federal participation, no supplemental agreement of any nature may be entered into by the parties hereto with regard to the work to be performed hereunder without the approval of U.S. Department of Transportation (hereinafter "USDOT"), notwithstanding anything to the contrary in this Agreement.
- C. Compliance with Regulations: The Contractor shall comply with the regulations relative to nondiscrimination in Federally-assisted programs of the USDOT, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- D. Nondiscrimination: The Contractor, with regard to the work performed during the Agreement, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the Agreement covers a program set forth in Appendix B of the Regulations.
- E. Solicitations for Subcontractors, including Procurements of Materials and Equipment: In all solicitations made by the Contractor, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials or leases of equipment; each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Agreement and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- F. Information and Reports: The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
- G. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Agreement, the Florida Department of Transportation shall impose such contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:
 - a. withholding of payments to the Contractor under the Agreement until the Contractor complies, and/or
 - b. cancellation, termination or suspension of the Agreement, in whole or in part.
- H. Incorporation of Provisions: The Contractor shall include the provisions of paragraphs (C) through (I) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. In the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

protect the interests of the United States.

- I. Compliance with Nondiscrimination Statutes and Authorities: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by USDOT regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- J. Interest of Members of Congress: No member of or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or to any benefit arising therefrom.
- K. Interest of Public Officials: No member, officer, or employee of the public body or of a local public body during his tenure or for one year thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof. For purposes of this provision, public body shall include municipalities and other political subdivisions of States; and public corporations, boards, and commissions established under the laws of any State.
- L. Participation by Disadvantaged Business Enterprises ("DBE"): The Contractor shall agree to abide by the following statement from 49 CFR 26.13(b). The statement that follows shall be included in all subsequent agreements between the Contractor and any sub-contractor or contractor:

"The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate."

Pursuant to 49 CFR 26.11(c) , the Contractor shall submit the bid opportunity list at the time of contract execution, and shall enter DBE commitment and payment information in the Florida Department of Transportation's Equal Opportunity Compliance (EOC) system. The Contractor shall request access to the EOC system using Form No. 275-021-30.
- M. It is mutually understood and agreed that the willful falsification, distortion or misrepresentation with respect to any facts related to the project(s) described in this Agreement is a violation of the Federal Law. Accordingly, United States Code, Title 18, Section 1020, is hereby incorporated by reference and made a part of this Agreement.
- N. It is understood and agreed that if the Contractor at any time learns that the certification it provided the Florida Department of Transportation in compliance with 49 CFR, Section 26.51, was erroneous when submitted or has become erroneous by reason of changed circumstances, the Contractor shall provide immediate written notice to the Florida Department of Transportation. It is further agreed that the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction" as set forth in 49 CFR, Section 29.510, shall be included by the Contractor in all lower tier covered transactions and in all aforementioned federal regulation.

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375-040-40
PROCUREMENT
08/20
Page 3 of 3

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

- O. The Florida Department of Transportation hereby certifies that neither the Contractor nor the Contractor's representative has been required by the Florida Department of Transportation, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this Agreement, to
1. employ or retain, or agree to employ or retain, any firm or person, or
 2. pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind;

The Florida Department of Transportation further acknowledges that this Agreement will be furnished to a federal agency, in connection with this Agreement involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

- P. The Contractor hereby certifies that it has not:
1. employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person to solicit or secure this contract (except a bona fide employee or Agency); or
 2. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this contract; or
 3. paid, or agreed to pay, to any firm, organization or person any fee contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract (except a bona fide employee or Agency).

The Contractor further acknowledges that this Agreement will be furnished to the Florida Department of Transportation and a federal agency in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

- Q. Federal-aid projects for highway construction shall comply with the Buy America provisions of 23 CFR 635.410, as amended (where applicable).
- R. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of federally assisted construction contract" in 41 CFR Part 60-1.3 shall comply with the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor" (where applicable).

RFPSHELL. 12/16/2021

**State of Florida
Department of Transportation**



REQUEST FOR PROPOSAL
**Statewide Continuous Count Station Installation and
Maintenance**

DOT-RFP-23-9053-SD

RESPONSES DUE:

Monday, April 3, 2023 @ 10:00AM EST

CONTACT FOR QUESTIONS:

Sally Dobson, Procurement Agent
605 Suwannee Street, Mail Station 20
Tallahassee, Florida 32399-0450
CO.Purch@dot.state.fl.us
Phone: 850-414-4477

RFPSHELL. 12/16/2021

State of Florida
Department of Transportation
Central Procurement Office
605 Suwannee Street, MS 20
Tallahassee, Florida 32399-0450

REQUEST FOR PROPOSAL REGISTRATION

PLEASE COMPLETE AND RETURN THIS FORM ASAP
E-MAIL TO Sally Dobson at CO.Purch@dot.state.fl.us

RFP Number: RFP-DOT-23-9053-SD

Title: Statewide Continuous Count Station Installation and Maintenance

Proposal Due Date & Time (On or Before): Monday, April 3, 2023 @ 10:00 AM

Potential proposers should notify our office by returning this Registration Form as soon as possible after downloading. Complete the information below and e-mail to Sally Dobson at CO.Purch@dot.state.fl.us.

THE REQUEST FOR PROPOSAL DOCUMENT YOU RECEIVED IS SUBJECT TO CHANGE. Notice of changes (Addenda), will be posted on the Florida Vendor Information Portal at <https://vendor.myfloridamarketplace.com/>, under this bid number, click on "Search Advertisements", click on the drop-down arrow beside the box under Advertisement Type, select Request for Proposal, click on the drop-down arrow beside the box for Organization, select FLORIDA DEPARTMENT OF TRANSPORTATION, then go to the bottom of the same page and click on Advertisement Search. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

Company Name: _____

Address: _____

City, State, Zip: _____

Telephone: () _____

Contact Person: _____

E-Mail Address: _____

For further information on this process, e-mail or telephone:

Sally Dobson at CO.Purch@dot.state.fl.us
(850) 414-4477.

DOT-RFP-23-9053-SD EXHIBIT "C" PRICE PROPOSAL FORM Page 1 of 3					
Est.	Item	Plan	Item	Unit	Estimated
Qty.	Number	Quantities	Description	Price	Cost
1	MOT-IL	Per Lane	Mobilization- Interstate Location	\$ -	\$ -
1	MOT-NIL	Per Lane	Mobilization- Non Interstate Location- Includes MOT	\$ -	\$ -
1	MOT-NM	Per Site	Mobilization Only- No MOT	\$ -	\$ -
1	MOT-FR	Per Lane	Mobilization Flagger Required- Includes MOT	\$ -	\$ -
1	MOT-SC	Per Site	Mobilization- Shoulders Closed	\$ -	\$ -
1	MOT-MB	Per Day	Message Board	\$ -	\$ -
1	MOT-PS	Each	Police Services Per 2-Hour Block Per Officer	\$ -	\$ -
1	300-1	Per Hour	Electronics Technician	\$ -	\$ -
1	300-2	Per Hour	Construction Laborer	\$ -	\$ -
1	305-5	Per Hour	Calibration Vehicle Five Axle Vehicle, Loaded	\$ -	\$ -
1	400-1-15	Each	Concrete Base for Type III, IV & V Cabinets (F&I)	\$ -	\$ -
1	400-1-25	Each	Concrete Base for Pedestal & Breakaway Cabinets (F&I)	\$ -	\$ -
1	630-2-12	100 Per LF	Conduit, 1-2" PVC Placed By Directional Boring (F&I)	\$ -	\$ -
1	630-2-23	100 Per LF	Conduit, 2-3" PVC Placed by Directional Boring (F&I)	\$ -	\$ -
1	620-1-1	100 Per LF	Grounding Electrode (F&I)	\$ -	\$ -
1	630-X	100 Per LF	Trenching for Placing Conduits	\$ -	\$ -
1	630-2-11	100 Per LF	Conduit, PVC, In Place, In Open Trench or Casing(F&I)	\$ -	\$ -
1	635-2-11	Each	Pull Box, Composite Construction (F&I)	\$ -	\$ -
1	635-1X	Each	Concrete Apron for Pull Boxes (F&I)	\$ -	\$ -
1	646-REM-POL	Each	Wood/Steel Pole Removal (R&D)	\$ -	\$ -
1	REM-CBA	Each	Removal of Concrete Base & Miscellaneous Equipment (R&D)	\$ -	\$ -
1	REM-CPO	Each	Removal of Concrete Pole & Miscellaneous Equipment (R&D)	\$ -	\$ -
1	REM-PIE	Each	Piezoelectric Axle Sensor Removal (R&D)	\$ -	\$ -
1	695-1-6C	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, E-Bond G-78 Grout (F&I)	\$ -	\$ -
1	695-1-6A	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, IRD AS475 P6G Grout (F&I)	\$ -	\$ -
1	695-1-10C	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, E-Bond G78 Grout (F&I)	\$ -	\$ -
1	695-1-10A	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, IRD AS475 P6G Grout (F&I)	\$ -	\$ -
1	695-XX	100 Per LF	Replacement Coaxial Sensor Cable	\$ -	\$ -
1	695-2-MICRO	Each	Non-Intrusive Vehicle Sensor Microwave Radar (F&I) (Houston Radar SpeedLane)	\$ -	\$ -
1	WIM -TEMPQFREE	Each	QFREE Traffic Temperature Sensor (F&I)	\$ -	\$ -
1	WIM-TEMPIRD	Each	IRD/PAT Traffic Temperature Sensor (F&I)	\$ -	\$ -
1	WIM-BP-100	Each	Bending Plate WIM Sensor, Installation, 1 Bending Plate (F&I)	\$ -	\$ -
1	WIM-BP-110	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 40 M Lead (F&I)	\$ -	\$ -
1	WIM-BP-120	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 100 M Lead (F&I)	\$ -	\$ -
1	WIM-BP-200	Each	Bending Plate Frame Removal (R&D)	\$ -	\$ -
1	WIM-BP-300	Each	Bending Plate Removal/Reinstall - Inspection (F&I)	\$ -	\$ -
1	WIM-175-K40	Each	Kistler Lineas Quartz Sensor, Type 9195F411, 1.75M, 40 M Lead (F&I)	\$ -	\$ -
1	WIM-175-K100	Each	Kistler Lineas Quartz Sensor, Type 9195F421, 1.75M, 100 M Lead (F&I)	\$ -	\$ -
1	WIM-XX	100 Per LF	Replacement Cable For Kistler Lineas Sensors	\$ -	\$ -
1	WIM-175-I40	Each	Intercomp's strain gauge Strip Sensors 1.75M, 40 M Lead (F&I)	\$ -	\$ -
1	WIM-175-I100	Each	Intercomp's strain gauge Strip Sensors 1.75M, 100 M Lead (F&I)	\$ -	\$ -
1	695-5-85	Each	85-Watt Solar Panel (F&I on existing pole)	\$ -	\$ -
1	695-5-150	Each	150-Watt Solar Panel (F&I on existing pole)	\$ -	\$ -
1	695-5-300	Each	300-Watt Solar Panel (F&I on existing pole)	\$ -	\$ -
1	695-5-21A	Each	21 Amp-Hour Battery (F&I in existing cabinet)	\$ -	\$ -
1	695-5-12B	Each	100 Amp-Hour Battery (F&I in existing cabinet)	\$ -	\$ -
1	695-6-20A	Each	20 Amp Voltage Regulator (F&I in existing cabinet)	\$ -	\$ -
1	695-6-25A	Each	25 Amp Voltage Regulator (F&I in existing cabinet)	\$ -	\$ -
1	695-6-BON	Each	Type "B" Inductive Loop With Bondo/Stat-A-Flex Sealant (F&I)	\$ -	\$ -
1	695-4-4	100 Per LF	#14 AWG IMSA 50-2 Loop Homerun Cable (F&I)	\$ -	\$ -
1	695-4-80	Each	3M 8082 Wire Splice Gel Kit (F&I)	\$ -	\$ -
1	695-4-DB	Each	3M DBY-6 Wire Splice Kit (F&I)	\$ -	\$ -

DOT-RFP-23-9053-SD PRICE PROPOSAL FORM Page 2 of 3

1	695R	Per Lane	Reseal Loop and/or Piezo Axle Sensors (F&I)	\$ -	\$ -
1	695-7-13B	Each	Type III TMS Cabinet, Base Mount (F&I)	\$ -	\$ -
1	695-7-13PD	Each	Type III TMS Cabinet With Pedestal (F&I)	\$ -	\$ -
1	695-7-14B	Each	Type IV TMS Cabinet, Base Mount (F&I)	\$ -	\$ -
1	695-7-14P	Each	Type IV TMS Cabinet, Pole Mount (F&I)	\$ -	\$ -
1	695-7-15B	Each	Type V TMS Cabinet, Base Mount (F&I)	\$ -	\$ -
1	646-1-12	Each	12 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$ -	\$ -
1	646-1-15	Each	15 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$ -	\$ -
1	646-1-20	Each	20 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$ -	\$ -
1	646-1-25	Each	25 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$ -	\$ -
1	646-1-30	Each	30 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$ -	\$ -
1	695-4-P1	Each	Universal "P1" Equipment Cable for Specified TMS Unit (F&I)	\$ -	\$ -
1	695-8-J1	Each	Universal "J1" Equipment Cable & Receptacle w/ Mounting Bracket (F&I)	\$ -	\$ -
1	695-8-NS	Each	Atlantic Scientific Sensor Backplane, No Suppressors (F&I)	\$ -	\$ -
1	695-8-LP	Each	Atlantic Scientific Lightning Suppressor for Loop/Piezo (F&I)	\$ -	\$ -
1	695-8-PW	Each	Atlantic Scientific Power Backplane, No Suppressors (F&I)	\$ -	\$ -
1	695-8-PAS	Each	Atlantic Scientific Power Suppressor (F&I)	\$ -	\$ -
1	695-8-PED	Each	Power Suppressor EDCO (F&I)	\$ -	\$ -
1	695-8-LPED	Each	Lightning Suppressor, Loop/Piezo EDCO (F&I)	\$ -	\$ -
1	GW600	Each	Intelligent Weather Sensor	\$ -	\$ -
1	TPW-400DT	Each	TYCON Power Wind Turbine	\$ -	\$ -
1	A-Meter	Each	Anemometer	\$ -	\$ -
GRAND TOTAL					\$ -
ACKNOWLEDGEMENT:		I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the proposer. I certify that the response submitted is made in conformance with all requirements of the solicitation. Services to be provided as specified in attached Exhibit “A”, Scope of Services.			
Proposer:					
FEIN:					
Address:					
Printed Name / Title					
Authorized Signature:					
		(signature - "digital" ok)		(date)	

RFPSHELL. 12/16/2021

PRICE PROPOSAL FORM Page 3 of 3

RFP Number: DOT-RFP-23-9053-SD. FOB: STATEWIDE
RFP Title: Count Station Installation and Maintenance

Services to be provided as specified in attached Exhibit "A", Scope of Services.

RENEWAL: see Special Condition 33).

THE UNIT RATE(S) WILL APPLY TO THE INITIAL TERM AND ANY RENEWAL PERIODS.

MFMP Transaction Fee: All payment(s) to the vendor resulting from this competitive solicitation **WILL** be subject to the MFMP Transaction Fee in accordance with the referenced Form PUR 1000 General Contract Condition #14. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

NOTE: In submitting a response, the proposer acknowledges they have read and agree to the solicitation terms and conditions and their submission is made in conformance with those terms and conditions.

ACKNOWLEDGEMENT: I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the proposer. I certify that the response submitted is made in conformance with all requirements of the solicitation.

Proposer: _____ FEID # _____

Address: _____ City, State, Zip _____

Authorized Signature: _____ Date: _____

Printed / Typed: _____ Title: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

375-040-18
PROCUREMENT
03/17

287.087 Preference to businesses with drug-free workplace programs. --Whenever two or more bids, proposals, or replies that are equal with respect to price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid, proposal, or reply received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program in accordance with the provision of Section 287.087, Florida Statutes, as stated above?

☐ YES

☐ NO

NAME OF BUSINESS: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**BID OPPORTUNITY LIST FOR COMMODITIES & CONTRACTUAL
SERVICES**

375-040-62
PROCUREMENT
01/16

Prime Contractor: _____

Address/Phone Number: _____

Procurement Number: DOT-RFP-23-9053-SD

49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. This list must include all subcontractors contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, and 7 for themselves, and their subcontractors.

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:

**BID SHEET (Invitation to Bid – ITB)
PRICE PROPOSAL (Request for Proposal – RFP)
REPLY (Invitation to Negotiate – ITN)**

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ANTICIPATED DBE PARTICIPATION STATEMENT

375-040-63
PROCUREMENT
02/07

The Prime contractor is encouraged to complete this form and submit this form with your bid/price proposal/reply.
Submission of this form is not mandatory.

Procurement Number: DOT-RFP-23-9053-SD

Contractor's Name: _____

Contractor's FEID Number: _____

Is the prime contractor a Florida Department of Transportation Certified Disadvantaged Business Enterprise (DBE)?
(yes ☐) (no ☐)

Expected amount of contract dollars to be subcontracted to DBE(s): \$ _____

OR

It is our intent to subcontract _____ % of the contract dollars to DBE(s). Listed below are the proposed DBE sub-contractors:

<u>DBE (s) Name</u>	<u>Type of Work/Specialty</u>	<u>Dollar Amount/Percentage</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Submitted by: _____ Title: _____
(Type or Print)

Date: _____

Note: This information is used to track and report anticipated DBE participation in FDOT contracts. The anticipated DBE amount will not become part of the contractual terms.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PERFORMANCE BOND

375-040-27
PROCUREMENT
OGC – 10/04

KNOW ALL MEN BY THESE PRESENTS: That we, _____
(name)
_____, (hereinafter called Vendor) of _____
(address)

_____, and
_____, (hereinafter called Surety) of
(name)

_____,
(address)
duly authorized to do business in the State of Florida, are held and firmly bound unto the State of Florida in the full and
just sum of _____ Dollars (\$ _____),
lawful money of the United States of America, to be paid to the Florida Department of Transportation (hereinafter called
the Department), to which payment will and truly to be made we bind ourselves, our heirs, executors, administrators,
successors and assigns, jointly and severally and firmly by these presents;

WHEREAS, the above Vendor has subscribed to an agreement with the Department to bear the date of
_____, for contractual services agreement in connection with Statewide Continuous Count Station Installation
and Maintenance (DOT-RFP-23-9053-SD)

_____, in _____ County(ies),
particularly known as _____
(hereinafter called the Agreement), upon certain terms and conditions in said Agreement more particularly mentioned; and

NOW, THEREFORE, The condition of this obligation is such that if the above Vendor in all respects will comply
with the terms and conditions of said Agreement, and its obligations thereunder, including the Scope of Services,
Specifications, General Conditions, Special Conditions, Bid Blank therein referred to and made a part thereof, and such
alterations as may be made in said conditions and specifications, as therein provided for; and, further, if such Vendor will
promptly make payment to all persons supplying labor, material, equipment and supplies, used directly or indirectly by the
said Vendor or any subcontractor(s) in the prosecution of the work provided for in said Agreement, and promptly will pay
all State Workers' Compensation and Unemployment Compensation taxes incurred in the performance of the said
Agreement and will pay to the Department any amount in money or property, the Department may lose or be overcharged
or otherwise defrauded of, by reason of any wrongful or criminal act of the Vendor, its agents, or employees, then this
obligation is to be void; otherwise, to be and remain in full force and virtue in law.

WITNESS the signature of the Vendor and the signature of the Surety by _____
_____, its

(Agent or Attorney-in-Fact, or otherwise)

with seals of said Vendor and Surety hereunto affixed this _____ day of _____, _____.

Surety
BY: _____
Signature
TITLE: _____
Attorney-in-Fact/Agent
(Surety Seal)

Vendor
BY: _____
Authorized Signature(s)
TITLE: _____
ATTEST: _____
Secretary/Notary

Name/Telephone #: _____
Address: _____

BY: _____
Signature

Note: Attach Power of Attorney showing authority of Surety's Agent or Attorney-in-Fact. This bond is not for public works
contracts required by Section 25.05, Florida Statutes.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

E-VERIFY

375-031-06
PROCUREMENT
OGC – 10/21

Contract No: _____

Financial Project No(s): _____

Project Description: Statewide Continuous Count Station Installation and Maintenance

In accordance with the contract, the Vendor/Consultant/Contractor hereby acknowledges and certifies compliance with Section 448.095, Florida Statutes. The Vendor/Consultant/Contractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Vendor/Consultant/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system. The Vendor/Consultant/Contractor shall comply with Section 448.095, Florida Statutes, for the duration of the contract term, including any extensions or renewal periods.

Company/Firm: _____

Authorized Signature: _____

Title: _____

Date: _____

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Florida Statutes
287.135

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**VENDOR CERTIFICATION REGARDING
SCRUTINIZED COMPANIES LISTS**

375-030-60
PROCUREMENT
OGC – 06/18

Respondent Vendor Name: _____
Vendor FEIN: _____
Vendor's Authorized Representative Name and Title: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone Number: _____
Email Address: _____

Section 287.135, Florida Statutes prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of any amount if, at the time of contracting or renewal, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135, Florida Statutes, also prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of \$1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By: _____

who is authorized to sign on behalf of the above referenced company.

Authorized Signature Print Name and Title: _____

Date: _____

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INTRODUCTION SECTION

1) INVITATION

The State of Florida Department of Transportation, hereinafter referred to as the "Department", requests written proposals from qualified Proposers to provide Statewide Continuous Count Station Installation and Maintenance. It is anticipated that the term of the contract will begin upon contract execution and be effective through six (6) years.

The Department intends to award this contract to the responsive and responsible Proposer whose proposal is determined to be the most advantageous to the Department. After the award, said Proposer will be referred to as the "Vendor". For the purpose of this document, the term "Proposer" means the prime Vendor acting on its own behalf and those individuals, partnerships, firms, or corporations comprising the Proposer team. The term "proposal" means the complete response of the Proposer to the Request for Proposals (RFP), including properly completed forms and supporting documentation.

2) TIMELINE

Provided below is a list of critical dates and actions. These dates are subject to change. Notices of changes (Addenda) will be posted on the Florida Vendor Information Portal at <https://vendor.myfloridamarketplace.com/> (click on "Search Advertisements") under this RFP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting your proposal.

<u>ACTION / LOCATION</u>	<u>DATE</u>	<u>LOCAL TIME</u>
DEADLINE FOR TECHNICAL QUESTIONS - (There is no deadline for administrative questions)	03-20-2023	05:00 PM
PROPOSALS DUE, ON OR BEFORE - (Technical and Price Proposal) 605 Suwannee Street, Mail Station 20 Tallahassee, Florida 32399-0450 Phone: 850-414-4477	04-03-2023	10:00 AM
PUBLIC OPENING (Technical Proposal) - 605 Suwannee Street, Mail Station 20 Tallahassee, Florida 32399-0450 Phone: 850-414-4477	04-03-2023	11:00 AM
PUBLIC OPENING / MEETING (Price Proposal) - 605 Suwannee Street, Mail Station 20 Tallahassee, Florida 32399-0450 Phone: 850-414-4477	04-10-2023	11:00 AM
POSTING OF INTENDED AWARD -	04-17-2023	

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3) **AGENDA FOR PUBLIC MEETINGS**

Agenda – Public Opening (Technical Proposals)

Agenda for Public Opening of Technical Proposals for DOT-RFP-23-9053-SD:

Starting Time: see “Timeline” in RFP solicitation

- Opening remarks of approx. 2 minutes by Department Procurement Office personnel.
- Public input period – To allow a maximum of 15 minutes total for public input related to the RFP solicitation.
- At conclusion of public input or 15 minutes, whichever occurs first, the Technical Proposals received timely will be opened, with proposer’s name read aloud and tabulated. Price proposals will be kept secured and unopened until the Price Proposal Opening.
- Adjourn meeting.

Agenda – Price Proposal Opening & Intended Award Meeting

Agenda for Price Proposal Opening and Intended Award meeting for DOT-RFP-23-9053-SD:

Starting Time: see “Timeline” in RFP solicitation

- Opening remarks of approx. 2 minutes by Department Procurement Office personnel.
- Public input period – To allow a maximum of 15 minutes total for public input related to the RFP solicitation.
- At conclusion of public input or 15 minutes, whichever occurs first, the Technical evaluation scores will be summarized.
- Announce the firms that did not achieve the minimum technical score.
- Announce the firms that achieved the minimum technical score and their price(s) as price proposals are opened.
- Calculate price scores and add to technical scores to arrive at total scores.
- Announce Proposer with highest Total Score as Intended Award.
- Announce time and date the decision will be posted on the Vendor Information Portal (VIP).
- Adjourn.

4) **SPECIAL ACCOMMODATIONS**

Any person with a qualified disability requiring special accommodations at a pre-proposal conference, public meeting, oral presentation and/or opening shall contact the contact person at the phone number, e-mail address on the title page at least five (5) working days prior to the event. If you are hearing or speech impaired, please contact this office by using the Florida Relay Services which can be reached at 1 (800) 955-8771 (TDD).

SPECIAL CONDITIONS

1) **MyFloridaMarketPlace**

PROPOSERS MUST BE REGISTERED IN THE STATE OF FLORIDA'S MYFLORIDAMARKETPLACE SYSTEM BY THE TIME AND DATE OF THE TECHNICAL PROPOSAL OPENING OR THEY MAY BE CONSIDERED NON-RESPONSIVE (see Special Condition 21). All prospective proposers that are not registered should go to <https://vendor.myfloridamarketplace.com/> to complete on-line registration, or call 1-866-352-3776 for assisted registration.

All payment(s) to the vendor resulting from this competitive solicitation **WILL** be subject to the MFMP Transaction Fee in accordance with the referenced Form PUR 1000 General Contract Condition #14. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

2) **Florida Department of Financial Services (DFS) W-9 REQUIREMENT**

The Florida Department of Financial Services (DFS) requires all vendors that do business with the state to submit an electronic Substitute Form W-9. Vendors must submit their W-9 forms electronically at <https://flvendor.myfloridacfo.com> to receive payments from the state. Contact the DFS Customer Service Desk at (850) 413-5519 or FLW9@myfloridacfo.com with any questions.

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3) QUESTIONS & ANSWERS

In accordance with section 287.057(25), Florida Statutes, respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.

Any technical questions arising from this Request for Proposal must be forwarded, in writing, to the procurement agent identified below. Questions must be received no later than the time and date reflected on the Timeline. The Department's written response to written inquiries submitted timely by proposers will be posted on the Florida Vendor Information Portal at <https://vendor.myfloridamarketplace.com/> (click on "Search Advertisements"), under this RFP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting their proposal.

WRITTEN TECHNICAL QUESTIONS should be submitted to:
Sally Dobson at CO.Purch@dot.state.fl.us

Questions regarding administrative aspects of the proposal process should be directed to the Procurement Agent in writing at the address above or by phone: (850) 414-4477.

4) ORAL INSTRUCTIONS / CHANGES TO THE REQUEST FOR PROPOSAL (ADDENDA)

No negotiations, decisions, or actions will be initiated or executed by a proposer as a result of any oral discussions with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department.

Notices of changes (Addenda) will be posted on the Florida Vendor Information Portal at <https://vendor.myfloridamarketplace.com/> (click on "Search Advertisements") under this RFP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting your proposal. All Addenda will be acknowledged by signature and subsequent submission of Addenda with proposal when so stated in the Addenda.

5) DIVERSITY ACHIEVEMENT

DISADVANTAGED BUSINESS ENTERPRISE (DBE) UTILIZATION

The Department, in accordance with ***Title VI of the Civil Rights Act of 1964, 42 USC 2000d- 2000d-4, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21***, Nondiscrimination in federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the Department will affirmatively ensure that in any contract/agreement entered into pursuant to this advertisement, minority and disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to this invitation and will not be discriminated on the basis of race, color, national origin, or sex in consideration for an award.

The Department encourages DBE firms to compete for Department contractual services projects, and also encourages non-DBE and other minority contractors to use DBE firms as sub-contractors. The Department, its contractors, suppliers, and consultants shall take all necessary and reasonable steps to ensure that disadvantaged businesses have an opportunity to compete for and perform contract work for the Department in a nondiscriminatory environment. The Department shall require its contractors, suppliers, and consultants to not discriminate on the basis of race, color, national origin, religion, gender, age, or disability in the award and performance of its contracts.

Federal law requires states to maintain a database of all firms that are participating or attempting to participate in DOT-assisted contracts. To assist the Department in this endeavor, proposers are requested

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to submit the **Bidder's Opportunity List** with their Price Proposal Sheet. The list should include yourself as well as any prospective sub-contractor that you contacted or who has contacted you regarding the project.

Proposers are requested to indicate their intention regarding DBE participation on the **Anticipated DBE Participation Statement** and to submit that Statement with their Price Proposal Sheet. After award of the contract resulting from this RFP, the awarded Vendor will need to complete the "Anticipated DBE Participation Statement" online through the Equal Opportunity Compliance (EOC) system within 3 business days after award of the contract. The link to access the EOC system is: <https://www3.dot.state.fl.us/EqualOpportunityCompliance>. This will assist the Department in tracking and reporting planned or estimated DBE utilization.

During the contract period, the Vendor will be required to report actual payments to DBE and MBE subcontractors through the web based EOC system. All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Additional information about the EOC system can be found on the Equal Opportunity Office (EOO) website at <http://www.dot.state.fl.us/equalopportunityoffice/eoc.shtm>. A help manual on how to use the system will be available within the EOC application. If you have any questions or technical issues, please contact the EOO help desk at EOOHelp@dot.state.fl.us.

To request certification or to locate DBEs, call the Department of Transportation's Equal Opportunity Office at (850) 414-4747, or access an application or listing of DBEs on the Internet at www.dot.state.fl.us/equalopportunityoffice/.

6) SCOPE OF SERVICES

Details of the services, information and items to be furnished by the Vendor are described in Exhibit "A", Scope of Services, attached hereto and made a part hereof.

7) INTENDED AWARD

The Department intends to award a contract to the responsive and responsible vendor with the highest cumulative total points for the evaluation criteria specified herein (See Section 30, Proposal Evaluation). The Intended Award decision will be announced after final evaluation and totaling of scores at the Price Proposal opening specified in the Timeline (See Introduction Section 2 Timeline).

If the Department is confronted with identical pricing or scoring from multiple vendors, the Department shall determine the order of award using the following criteria, in the order of preference listed below (from highest priority to lowest priority):

1. Section 295.187(4), Florida Statutes; Veteran Business Enterprise
2. Section 287.087, Florida Statute; Drug Free Work Place
3. Section 287.057(11); Minority Business Enterprise

In the event that the application of the above referenced preferences does not resolve the identical replies, the Department shall determine the award by means of random drawing.

8) PRE-PROPOSAL CONFERENCE

A PRE-PROPOSAL CONFERENCE WILL NOT BE HELD.

9) QUALIFICATIONS

9.1 General

The Department will determine whether the Proposer is qualified to perform the services being contracted based upon their proposal demonstrating satisfactory experience and capability in the work area. The Proposer shall identify necessary experienced personnel and facilities to support the activities associated with this proposal.

9.2 Qualifications of Key Personnel

Those individuals who will be directly involved in the project should have demonstrated experience in the areas delineated in the scope of work. Individuals whose qualifications are presented will be committed to the project for its duration unless otherwise excepted by the Department's Project Manager. Where State of Florida registration or certification is deemed appropriate, a copy of the registration or certificate should be included in the proposal package.

9.3 Authorized to Do Business in the State of Florida

In accordance with sections 607.1501, 605.0211(2)(b), and 620.9102, Florida Statutes, out-of-state corporations, out-of-state limited liability companies, and out-of-state limited partnerships must be authorized to do business in the State of Florida. Such authorization should be obtained by the proposal due date and time, but in any case, must be obtained prior to the award of the contract. For authorization, contact:

Florida Department of State
Tallahassee, Florida 32399
(850) 245-6051

9.4 Licensed to Conduct Business in the State of Florida

If the business being provided requires that individuals be licensed by the Department of Business and Professional Regulation, such licenses should be obtained by the proposal due date and time, but in any case, must be obtained prior to posting of the intended award of the contract. For licensing, contact:

Florida Department of Business and Professional Regulation
Tallahassee, Florida 32399-0797
(850) 487-1395

10) WARRANTY/SUBSTITUTIONS

When performance of the services requires the supply of commodities, a warranty is required on all items provided against defective materials, workmanship, and failure to perform in accordance with required industry performance criteria, for a period of not less than one (1) year from the date of acceptance by the purchaser. Any deviation from this criteria must be documented in the proposal response or the above statement shall prevail. Delivery of substitute commodities requires prior written approval from the ordering location.

Replacement of all materials found defective within the warranty period shall be made without cost to the purchaser, including transportation if applicable. All fees associated with restocking cancelled orders shall be the responsibility of the vendor.

All items provided during the performance of the contract found to be poorly manufactured will not be accepted, but returned to the vendor, at their expense, for replacement. Replacement of all items found defective shall be made without cost to the Department, including transportation, if applicable. As it may be impossible for each facility to inspect all items upon arrival, a reasonable opportunity must be given to these facilities for inspection of the items, and returning those that are defective.

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11) LIABILITY INSURANCE

The Vendor shall not commence any work until they have obtained the following types of insurance, and certificates of such insurance have been received by the Department. Nor shall the Vendor allow any subcontractor to commence work on this project until all similar insurance required of the subcontractor has been so obtained. The Vendor shall submit the required Certificates of Insurance to the **Florida Department of Transportation, Procurement Office, Sally Dobson, at CO.Purch@dot.state.fl.us** within ten (10) days after the ending date of the period for posting the intended award decision.

The Vendor must carry and keep in force during the period of this contract a general liability insurance policy or policies with a company authorized to do business in the state of Florida, affording public liability insurance with combined bodily injury limits of at least \$ 200,000.00 minimum per person and \$ 300,000.00 minimum each occurrence, and property damage insurance of at least \$ 200,000.00 minimum each occurrence, for the services to be rendered in accordance with this contract.

With respect to any general liability insurance policy required pursuant to this Agreement, all such policies shall be issued by companies licensed to do business in the State of Florida. The Vendor shall provide to the Department certificates showing the required coverage to be in effect with endorsements showing the Department to be an additional insured prior to commencing any work under this Contract. The certificates and policies shall provide that in the event of any material change in or cancellation of the policies reflecting the required coverage, thirty days advance notice shall be given to the Department or as provided in accordance with Florida law.

The Department shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Vendor or subcontractor providing such insurance. Policies that include Self Insured Retention (SIR) will not be accepted.

12) PERFORMANCE BOND

The intended award bidder shall provide the Department with a Performance Bond in the amount of **the bidder's price proposal form's grand total.** The Performance Bond shall be provided by a surety company authorized to do business in the state of Florida. The Performance Bond shall be executed and furnished to the Department prior to contract execution and no later than ten (10) days after the ending date of the period for posting the intended award decision, unless the Department extends the time period in writing. **Failure to provide the required Performance Bond (Form 375-040-27) to the Department within the aforementioned timeframe will void the Intended Award's bid and the Department will proceed in contracting with the next lowest responsive bidder.**

The proposer must submit, with their Technical Proposal, a current letter from a surety company or bonding agent authorized to do business in the state of Florida and written on company letterhead, to document the proposer's present ability to obtain a Performance Bond in the **full amount of the bid.** Failure by the proposer to provide this letter with its response will constitute a non-responsive determination for its proposal. **Proposals found to be non-responsive will not be considered.**

13) METHOD OF COMPENSATION

For the satisfactory performance of these services, as specified in the Scope of Services, the Vendor shall be paid as described in the attached Exhibit "B", Method of Compensation.

14) CONTRACT DOCUMENT

STANDARD WRITTEN AGREEMENT

The Department's "Standard Written Agreement" is attached hereto and made a part hereof. The terms and conditions contained therein will become an integral part of the contract resulting from this solicitation. In

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submitting a proposal, the proposer agrees to be legally bound by these terms and conditions.

15) REVIEW OF PROPOSER'S FACILITIES & QUALIFICATIONS

After the proposal due date and prior to contract execution, the Department reserves the right to perform or have performed an on-site review of the Proposer's facilities and qualifications. This review will serve to verify data and representations submitted by the Proposer and may be used to determine whether the Proposer has an adequate, qualified, and experienced staff, and can provide overall management facilities. The review may also serve to verify whether the Proposer has financial capability adequate to meet the contract requirements.

Should the Department determine that the proposal has material misrepresentations or that the size or nature of the Proposer's facilities or the number of experienced personnel (including technical staff) are not adequate to ensure satisfactory contract performance, the Department has the right to reject the proposal.

16) PROTEST OF REQUEST FOR PROPOSAL SPECIFICATIONS

Any person who is adversely affected by the contents of this Request for Proposal must file the following with the Department of Transportation, Clerk of Agency Proceedings, Office of the General Counsel, 605 Suwannee Street, Mail Station 58, Tallahassee, Florida 32399-0450:

1. A written notice of protest within seventy-two (72) hours after the posting of the solicitation, (the notice of protest may be Faxed to 850-414-5264), and
2. A formal written protest in compliance with Section 120.57(3), Florida Statutes, within ten (10) days of the date on which the written notice of protest is filed.

Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

17) UNAUTHORIZED ALIENS

The employment of unauthorized aliens by any contractor is considered a violation of Section 274A(e) of the Immigration and Nationality Act. If the contractor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of the contract.

18) SCRUTINIZED COMPANIES LISTS

ALL Responses, regardless of dollar value, must include a completed [Vendor Certification Regarding Scrutinized Companies Lists](#) to certify the respondent is not on either of those lists. The Form should be submitted with the Price Proposal.

A Vendor is ineligible to enter into a contract with the Department for goods or services of any amount if, at the time of entering into such contract, the Vendor is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel.

Section 287.135, Florida Statutes, also prohibits companies from entering into a contract for goods or services of \$1 million or more that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes.

If the Department determines the Vendor submitted a false certification under Section 287.135 of the Florida Statutes, the Department shall either terminate the Contract after it has given the Vendor notice and an opportunity to demonstrate the Department's determination of false certification was in error pursuant to Section 287.135 of the Florida Statutes or maintain the Contract if the conditions of Section 287.135 of the Florida Statutes are met.

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19) RESERVATIONS

The Department reserves the right to accept or reject any or all proposals received and reserves the right to make an award without further discussion of the proposals submitted. Therefore, the proposals should be submitted initially in the most favorable manner. It is understood that the proposal will become a part of the Department's official file, without obligation to the Department.

20) ADDITIONAL TERMS & CONDITIONS

No conditions may be applied to any aspect of the RFP by the proposer. Any conditions placed on any aspect of the proposal documents by the proposer may result in the proposal being rejected as a conditional proposal (see "RESPONSIVENESS OF PROPOSALS"). **DO NOT WRITE IN CHANGES ON ANY RFP SHEET.** The only recognized changes to the RFP prior to proposal opening will be a written Addenda issued by the Department.

21) RESPONSIVENESS OF PROPOSALS

21.1 Responsiveness of Proposals

Proposals will not be considered if not received by the Department **on or before** the date and time specified as the due date for submission. All proposals must be typed or printed in ink. A responsive proposal is an offer to perform the scope of services called for in this Request for Proposal in accordance with all requirements of this Request for Proposal and receiving seventy (70) points or more on the Technical Proposal. Proposals found to be non-responsive shall not be considered. Proposals may be rejected if found to be irregular or not in conformance with the requirements and instructions herein contained. A proposal may be found to be irregular or non-responsive by reasons that include, but are not limited to, failure to utilize or complete prescribed forms, conditional proposals, incomplete proposals, indefinite or ambiguous proposals, and improper and/or undated signatures. ALL determinations of responsiveness will be the responsibility of the FDOT Procurement Office.

21.2 Multiple Proposals

Proposals may be rejected if more than one proposal is received from a Proposer. Such duplicate interest may cause the rejection of all proposals in which such Proposer has participated. Subcontractors may appear in more than one proposal.

21.3 Other Conditions

Other conditions which may cause rejection of proposals include, but are not limited to, evidence of collusion among Proposers, obvious lack of experience or expertise to perform the required work, failure to perform or meet financial obligations on previous contracts, or in the event an individual, firm, partnership, or corporation is on the General Services Administration Excluded Parties List. Proposers whose proposals, past performance, or current status do not reflect the capability, integrity, or reliability to fully and in good faith perform the requirements of the Contract may be rejected as non-responsible. The Department reserves the right to determine which proposals meet the requirements of this solicitation, and which Proposers are responsive and responsible.

22) PROPOSAL FORMAT INSTRUCTIONS

22.1 General Information

This section contains instructions that describe the **required format** for the proposal. All proposals submitted shall contain two parts and be marked as follows:

PART I TECHNICAL PROPOSAL NUMBER **DOT-RFP-23-9053-SD:**
(**One** Separate Document for Technical)

PART II PRICE PROPOSAL NUMBER DOT-RFP-23-9053-SD:
(One Separate Document for Prices)

THE SEPARATE DOCUMENTS MAY BE E-MAILED TOGETHER OR SEPARATELY.

22.2 Technical Proposal (Part I)

(Do not include price information in Part I)

The Proposer must submit one (1) electronic copy of the technical proposal which is to be divided into the sections described below. Since the Department will expect all technical proposals to be in this format, failure of the Proposer to follow this outline may result in the rejection of the proposal.

TECHNICAL PROPOSAL
(CRITERIA “A”, “B”, “C” AND “D”)

A. Stability of Firm

A-1 Provide basic company information: Company name, address, name of primary contact, telephone number, fax number, E-mail address, and company website (if available). If the firm has multiple offices, the qualification statement shall include information about the parent company and branch office separately. Identify office from which project will be managed and this office's proximity to FDOT's offices. Provide form of ownership, including state of residency or incorporation, and number of years in business. Is the offeror a sole proprietorship, partnership, corporation, Limited Liability Corporation (LLC), or other structure?

A-2 Briefly describe the history and growth of your company(s). Provide general information about the company's personnel resources, including disciplines, numbers of trainers, locations, and staffing of offices.

A-3 Has the company been involved in any litigation in the past five (5) years? Describe your experience with litigation with clients. List any active or pending litigation and explain.

A-4 Provide a statement of disclosure, which will allow FDOT to evaluate possible conflicts of interest. Company must provide, in their own format, a statement of all potential legal or otherwise significant conflicts of interests possibly created by the company's being considered in the selection process or by the respondent's involvement in the project. Companies must provide information as to the nature of relationship(s) with parties in such potential conflict.

A-5 Provide name of insurance carrier, types and levels of coverage, and deductible amounts per claim.

A-6 Has the company ever been removed from a contract or failed to complete a contract as assigned?

A-7 Has the Company ever had a contract cancelled before the expected expiration date? If so, please explain.

B. Experience and Qualifications

Provide professional qualifications and description of experience for principal project staff in résumé format. *(At this stage, each propoer is asked for information on lead staff only but may list qualifications and experience on more than one lead individual who are being proposed for services to Client. If the Proposer is selected, FDOT may request detailed information on the exact proposed expanded team and their relevant experience.)*

B-1 Provide qualifications and description of experience for key management staff, including executive, and operations staff members. Additionally, provide resumes for other key persons applicable to this project. Include name and title, assignment, years of experience

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(minimum of 5 years), education, active/current registrations/certificates, other experiences and qualifications relevant to the proposed project.

B-2 Provide information on the firm's experience providing Installation, Maintenance and Upgrade Services of Automatic Traffic Recorders for other states' Department of Transportation agencies and clients of similar, size, function, and complexity. Describe five (5) accounts, in order of most relevant to least relevant, which demonstrate the Vendor's capabilities to perform the scope at hand. For each account, the following information should be provided:

- a. Client or account name, location and dates during which services were performed. Indicate whether the Vendor was a prime or sub-consultant.
- b. Description of services provided.
- c. Information on successes achieved by your firm.
- d. Respective client's stated satisfaction in service of your firm. In an Appendix provide any client-written letters of reference/recommendation about the firm's performance for Automatic Traffic Recorder Installation, Maintenance and Upgrade Services.
- e. Client's contact information. (Current mailing and electronic address and phone number).

C. Statement of Suitability

Provide any information that may serve:

1. To differentiate the respondent from other firms in suitability for the project.
2. Provide evidence of the respondent's fit to the project and/or needs of FDOT.
3. Any special or unique qualifications for the project.
4. Provide current and projected workloads.
5. The proximity of office FDOT location, and any services offered by the firm that may be particularly suitable for this project.

C-1 Provide any information that may serve to differentiate the respondent from other companies in suitability for the service, including the company's statement of apparent fit to the services described herein and the stated needs of the Department and unique qualifications the firm feels are especially relevant to the scope.

C-2 Provide information on current and projected workloads of the company in the area and any potential impact to the requested services.

C-3 Provide detailed information on the non-discrimination policies of the company, record of addressing public safety, social, environmental concerns; accessibility and opportunities for persons with disabilities and special needs, and special services for scope-related concerns.

C-4 Provide information on any unique special services or reporting abilities for the requested scope of services.

C-5 Provide information on any management techniques or methodologies offered by the company that may be particularly suitable for the required services.

- a. Program evaluation and review techniques suitable for the requested scope of services.
- b. Information on maintenance, safety, and litter removal methods and approaches suitable for the requested scope of services.
- c. Management and Marketing methods and approaches suitable for the requested scope of services.

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- d. Information on any electronic management information system and record management that could be provided and utilized for the project.

D. Statement of Performance

D-1 Provide information on the company's experience for clients of similar type, size, function, and complexity. Describe all (5) in the last 20 years, in order of most relevant to least relevant, which demonstrate the Firm's capabilities to perform services for FDOT. For each account, the following information must be provided:

- a. The client name, location and dates during which services were performed.
- b. Brief description of overall account.
- c. Exact services performed by your firm.
- d. The client's stated satisfaction in service of your firm. (Include letters from client, if applicable)
- e. The client's current contact information.

D-2 Describe proposed method of quality assurance for all services required under this RFP.

22.3 Price Proposal (Part II) one electronic copy.

The price proposal information is to be submitted electronically. The Price Proposal information shall be submitted on the forms provided in the Request for Proposal.

22.4 Presenting the Proposal

The proposal shall be limited to a page size of eight and one-half by eleven inches (8½" x 11"). Foldout pages may be used, where appropriate, but should not exceed five (5) percent of the total number of pages comprising the proposal. Type size shall not be less than 10 point font. The proposals should be indexed and all pages sequentially numbered.

Unnecessarily elaborate special brochures, art work, expensive paper and expensive visual and other presentation aids are neither necessary nor desired.

It is recognized that existing financial reports, documents, or brochures, such as those that delineate the Proposer's general capabilities and experience, may not comply with the prescribed format. It is not the intent to have these documents reformatted and they will be acceptable in their existing form.

23) "DRUG-FREE WORK PLACE" PREFERENCE

Whenever two or more bids which are equal with respect to price, quality, and service are received, the Department shall determine the order of award first in accordance with section 295.187(4), Florida Statutes, giving preference to "Veteran Business Enterprise" then to bid responses from vendors that certify the business has implemented a drug-free workplace program in accordance with Section 287.087, Florida Statutes. The "Drug-Free Workplace Program Certification" must be completed and submitted with the bid response to be eligible for this preference.

24) COPYRIGHTED MATERIAL

Copyrighted material will be accepted as part of a technical proposal only if accompanied by a waiver that will allow the Department to make paper and electronic copies necessary for the use of Department staff and agents. It is noted that copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Therefore, such material will be subject to viewing by the public, but copies of the material will not be provided to the public.

25) ATTACHMENT TO RFP SUBMITTAL - CONFIDENTIAL MATERIAL

The Proposer must include any materials it asserts to be exempted from public disclosure under Chapter 119, Florida Statutes, in a separate document labeled "Attachment to Request for Proposals, Number RFP-DOT-23-9053-SD - Confidential Material". The Proposer must identify the specific Statute that authorizes exemption from the Public Records Law. Any claim of confidentiality on materials the Proposer asserts to be exempt from public disclosure and placed elsewhere in the proposal will be considered waived by the Proposer upon submission, effective after opening.

26) COSTS INCURRED IN RESPONDING

This Request for Proposal does not commit the Department or any other public agency to pay any costs incurred by an individual firm, partnership, or corporation in the submission of a proposal or to make necessary studies or designs for the preparation thereof, nor to procure or contract for any articles or services.

27) ELECTRONIC SUBMISSION OF PROPOSALS:

Please follow the below instructions for the submittal of electronic proposals, failure to do so, may result in your proposal being found non-responsive. Non-responsive replies will not be evaluated.

- a) Subject line must show: DOT-RFP-23-9053-SD - Vendor Name
- b) Email shall contain two file attachments which shall be submitted and marked as follows:
PART I TECHNICAL PROPOSAL DOT-RFP-23-9053-SD
PART II PRICE PROPOSAL DOT-RFP-23-9053-SD
- c) Documents shall be submitted in portable document format (PDF) and have a size limit of 25MB.
- d) The body of the email shall not contain any information other than the signature line.
- e) Bids shall be submitted to: CO.Purch@dot.state.fl.us

It is the bidder's responsibility to assure that the bid is delivered to the proper place **on or before** the Bid Due date and time (See Introduction Section 2 Timeline). Bids which for any reason are not so delivered, will not be considered.

28) MODIFICATIONS, RESUBMITTAL AND WITHDRAWAL

Proposers may modify submitted proposals at any time prior to the proposal due date. Requests for modification of a submitted proposal shall be in writing and must be signed by an authorized signatory of the proposer. Upon receipt and acceptance of such a request, the entire proposal will be voided and not considered unless resubmitted by the due date and time. Proposers may also send a change in a separate email to be opened at the same time as the proposal.

29) PROPOSAL OPENING

All proposal openings are open to the public. Technical Proposals will be opened by the Department at the date, time and location in the Timeline (See Introduction Section 2 Timeline). Price Proposals, which have a corresponding responsive Technical Proposal, will be opened by the Department at the date, time and location in the Timeline (See Introduction Section 2 Timeline).

30) PROPOSAL EVALUATION

30.1 Evaluation Process:

A Technical Review Committee (TRC) will be established to review and evaluate each proposal submitted in response to this Request for Proposal (RFP). The TRC will be composed of at least three (3) persons who collectively have experience and knowledge in the program areas and service requirements for which the

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commodities and/or contractual services are sought.

The Procurement Office will distribute to each member of the TRC a copy of each technical proposal. The TRC members will independently evaluate the proposals on the criteria and point system established in the section below entitled "Criteria for Evaluation" in order to assure that proposals are uniformly rated. Due to the complexity of certain procurements, the TRC members are authorized to consult with subject matter experts for the purpose of gathering information, if needed. The independent evaluations will be sent to the Procurement Office and averaged for each vendor. Proposing firms must attain an average score of seventy (70) points or higher on the Technical Proposal to be considered responsive. Should a Proposer receive fewer than seventy (70) points for their average Technical Proposal score, the Price Proposal will not be opened.

During the process of evaluation, the Procurement Office will conduct examinations of proposals for responsiveness to requirements of the RFP. Those determined to be non-responsive will be automatically rejected.

30.2 Oral Presentations THERE ARE NO ORAL PRESENTATIONS FOR THIS PROJECT.

30.3 Price Proposal

The Proposer shall complete the Price Proposal form and submit as part of the Price Proposal Package. Any proposal in which this form is not used or in which the form is improperly executed may be considered non-responsive and the proposal will be subject to rejection. The vendor's completed form shall become a part of the contract upon award of the contract.

The Procurement Office will open Price Proposals in accordance with Section 29, Proposal Openings. The Procurement Office and/or the Project Manager/TRC will review and evaluate the price proposals and prepare a summary of its price evaluation. The Procurement Office and/or the Project Manager/TRC will assign points based on price evaluation criteria identified herein.

30.4 Criteria for Evaluation

Proposals will be evaluated and graded in accordance with the criteria detailed below.

a. Technical Proposal (100 Points)

Technical evaluation is the process of reviewing the Proposer's response to evaluate the experience, qualifications, and capabilities of the proposers to provide the desired services and assure a quality product.

The following point system is established for scoring the technical proposals:

	<u>Point Value</u>
1. Stability of Firm	15
2. Experience and Qualifications	30
3. Statement of Suitability	35
4. Statement of Performance	20

b. Price Proposal (10 Points)

Price evaluation is the process of examining a prospective price without evaluation of the separate cost elements and proposed profit of the potential provider. Price analysis is conducted through the comparison of price quotations submitted.

The criteria for price evaluation shall be based upon the following formula:

$$\underline{(\text{Low Price} / \text{Proposer's Price}) \times \text{Price Points} = \text{Proposer's Awarded Points}}$$

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31) POSTING OF INTENDED DECISION/AWARD

31.1 The Department's decision will be posted on the Florida Vendor Information Portal, at <https://vendor.myfloridamarketplace.com/>, on the date in the Timeline, and will remain posted for a period of seventy-two (72) hours. Any proposer who is adversely affected by the Department's recommended award or intended decision must file the following with the Department of Transportation, Clerk of Agency Proceedings, Office of the General Counsel, 605 Suwannee Street, Mail Station 58, Tallahassee, Florida 32399-0450:

1. A written notice of protest within seventy-two (72) hours after posting of the Intended Award, (the notice of protest may be Faxed to 850-414-5264), and
2. A formal written protest and protest bond in compliance with Section 120.57(3), Florida Statutes, within ten (10) days of the date on which the written notice of protest is filed. At the time of filing the formal written protest, a bond (a cashier's check or money order may be accepted) payable to the Department must also be submitted in an amount equal to one percent (1%) of the estimated contract amount based on the contract price submitted by the protestor.

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

31.2 - Inability to Post:

If the Department is unable to post as defined above, the Department will notify all proposers by electronic notification on the Florida Vendor Information Portal (see special condition 31.1, above) and/or telephone. The Department will provide notification of any future posting in a timely manner.

31.3 - Request to Withdraw Proposal:

Requests for withdrawal will be considered if received by the Department, in writing, within seventy-two (72) hours after the price proposal opening time and date. Requests received in accordance with this provision will be granted by the Department upon proof of the impossibility to perform based upon obvious error on the part of the proposer.

32) AWARD OF THE CONTRACT

Services will be authorized to begin when the Vendor receives a Standard Written Agreement executed by both parties, and a written Notice to Proceed, issued by the Project Manager, as appropriate, indicating the encumbrance of funds and award of the contract:

33) RENEWAL

Upon mutual agreement, the Department and the Contract Vendor may renew the Contract for a period that may not exceed 3 years or the term of the original contract, whichever is longer. The renewal must be in writing and signed by both parties and is subject to the same terms and conditions set forth in the initial contract and any written amendments signed by the parties. Any renewal shall specify the renewal price, as set forth in the solicitation response except that an agency may negotiate lower pricing. Renewal is contingent upon satisfactory performance evaluations and subject to the availability of funds.

34) ATTACHED FORMS

Price Proposal Form
Drug-Free Workplace Program Certification (Form 375-040-18)
E-Verify (Form 375-031-06)
DBE Participation Statement

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Bid Opportunity List
Vendor Certification Regarding Scrutinized Companies Lists (Form 375-030-60)
Performance Bond Form 375-040-27

35) TERMS AND CONDITIONS

35.1 General Contract Conditions (PUR 1000)

The State of Florida's General Contract Conditions are outlined in form PUR 1000, which is a downloadable document incorporated into this RFP by reference. Any terms and conditions set forth in this RFP document take precedence over the PUR 1000 form where applicable.

<http://www.dms.myflorida.com/content/download/2933/11777/1000.pdf>

The following paragraphs do not apply to this solicitation:

Paragraph 31, Dispute Resolution - PUR 1000

Paragraph 40, PRIDE – PUR 1000, when federal funds are utilized.

35.2 General Instructions to Respondents (PUR 1001)

The State of Florida's General Instructions to Respondents are outlined in form PUR 1001, which is a downloadable document incorporated into this RFP by reference. Any terms and conditions set forth in this RFP document take precedence over the PUR 1001 form where applicable.

<http://www.dms.myflorida.com/content/download/2934/11780/1001.pdf>

The following paragraphs do not apply to this solicitation:

Paragraph 3, Electronic Submission – PUR 1001

Paragraph 4, Terms and Conditions – PUR 1001

Paragraph 5, Questions – PUR 1001

35.3 MFMP Purchase Order Terms and Conditions

All MFMP Purchase Order contracts resulting from this solicitation will include the terms and conditions of this solicitation and the State of Florida's standardized Purchase Order Terms and Conditions, which can be found at the Department of Management Services website at the following link:

http://www.dms.myflorida.com/content/download/117735/646919/Purchase_Order_Terms_Sept_1,_2015_.pdf

Section 8(B), PRIDE, is not applicable when using federal funds.

36) ORDER OF PRECEDENCE

All responses are subject to the terms and conditions of this solicitation, which, in case of conflict, shall have the following order of precedence listed:

Standard Written Agreement

Appendix I (Terms for Federal Aid Contracts) and/or Appendix II (Information Technology Resources)

Instructions to Respondents (PUR 1001)

General Conditions (PUR 1000)

Introduction Section and Special Conditions

37) LIQUIDATED DAMAGES

The Vendor acknowledges that failure to complete the services by the completion date designated on the contract document may cause the Department to incur damages that, at present are, and upon the occurrence of the failure to timely complete the services may be, difficult to determine. Moreover, the Parties wish to avoid lengthy and expensive litigation relating to failure to complete the services on time. Therefore, in the event the Vendor fails to complete the authorized services by the completion date designated on the

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contract document, the Department shall exercise the remedy of liquidated damages against the Vendor, in the amount of \$500.00 per day for each calendar day after the designated completion date that the Vendor fails to complete the services. The Parties agree that if the Department allows the Vendor to continue and finish the services, or any part of it, after the expiration of the time allowed, that the Department's action shall in no way act as a waiver on the part of the Department of the liquidated damages due under this contract. The Vendor shall pay said sum to the Department not as a penalty, but as liquidated damages.

38) EQUITABLE ADJUSTMENT

At the discretion of the Department, contract price adjustments may be allowed in accordance with General Condition 4(e) of Form PUR 1000, attached hereto. The contract vendor shall provide written notice to the Department requesting a price adjustment and written approval from the Department's Contract Manager is required prior to commencing with the price adjustment effective the subsequent invoice period. The Contract Vendor must provide documentation to the Department to support the request for pricing adjustment(s). Unit price adjustments due to fuel cost increases or decreases shall utilize the Federal Government's Annual Energy Review to display changes in material costs. The following website can be used as support for the submitted unit price adjustment request: <http://tonto.eia.doe.gov/oog/info/gdu/gasdiesel.asp>. Information from this website will only be used as supporting documentation and must accompany the request for a price adjustment.

39) ALTERNATES

ALTERNATE BRANDS WILL NOT BE CONSIDERED FOR THIS RFP. PROPOSE AS SPECIFIED.

40) REPLACEMENT/RE STOCKING

Replacement of all materials found defective within the warranty period shall be made without cost to the purchaser, including transportation if applicable. All fees associated with restocking cancelled orders shall be the responsibility of the vendor.

41) PRODUCT REQUIREMENTS/SPECIFICATIONS

Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful proposer will be held responsible therefore. Deviations must be explained in detail on separate attached sheet(s).

42) RECYCLED MATERIAL

The Department encourages the use of products and materials with recycled content and postconsumer recovered materials. If the item(s) specified herein is available with recycled content, we request that you provide product information to help in our search for recycled products. However, this RFP request is for the product as specified herein and does not require prices for recycled product unless specified. This information should be sent separately and not as a part of your proposal response.

Exhibit “A”

Scope of Services

Continuous Count Station (CCS) Installation and Maintenance Services

1. INTRODUCTION

Background and Purpose

The Florida Department of Transportation (FDOT) is seeking proposals from Vendors interested in providing Continuous Count Station (CCS) Installation and Maintenance Services. This Request For Proposal (RFP) seeks to identify qualified Vendors to provide the above-mentioned services throughout the State of Florida. The Department anticipates that this solicitation will be a one-step process whereby the Department will select the most qualified Vendor based on the information received with this solicitation. All respondents to this RFP are subject to instructions communicated in this document and should completely review the entire RFP and follow instructions carefully. FDOT reserves the right to modify contract provisions or include additional provisions, not addressed herein. FDOT reserves the right to reject any or all Proposals.

General Project Information

FDOT's Traffic Monitoring Program currently has 340 active Continuous Count Station (CCS) locations; some of which require two entirely separate all-inclusive traffic monitoring equipment systems due to the number of lanes and the median width between directions of travel. Of these, 45 are Weigh-In-Motion (WIM) Stations for collecting truck volumes, speeds, classification, and weight data.

These CCS are located statewide on all functional classes of roads. These sites collect continuous traffic count data that are key elements of FDOT's Annual Average Daily Traffic (AADT) estimate development program. See the CCS Listing attachment (Appendix A) for site location information. Perspective Vendors should expect that the number of traffic count sites will vary over the course of the contract.

Short Term Count Stations (STCS) are sites that have sensors installed in the roadway, side fire radar, road tubes, and portable counters connected and collect data over short duration periods. The districts maintain the STCS sites under other contracts and are not a consideration for this contract. Conversion of a STCS to a CCS is within the prevue of this contract.

The basic components of CCS locations are in-road traffic sensors (inductive loops and piezoelectric sensors), sensor lead-in cables, traffic count equipment cabinets, non-intrusive sensors, poles (aluminum), junction (pull) boxes, solar panels, terminal blocks, grounding material, surge protection, batteries, wire, and conduit as necessary. Currently each CCS is equipped with either a PEEK ADR 3000, PEEK ADR WIM, Diamond Phoenix II, HT-EMU3 AV8 CLASS, HT-EMU3 WIM or IRD iSINC Lite counter, cameras, modems, and communications services round out the CCS equipment on site. Awarded Vendor should expect additional devices to be added to select CCS as directed by the Department.

There are CCS sites that have WIM sensors in multiple lanes that are currently collecting WIM data. The basic components of these stations are in-road traffic sensors consisting of either two piezoelectric sensors with one 8x6 loop in

a piezo-loop-piezo configuration or a bending plate array that also uses inductive loops for presence sensing.

Selected CCS sites throughout the state are identified as Real-time Polling sites. These sites are located on Emergency Evacuation routes, and have loops imbedded in the roadway shoulder to capture traffic flow when Emergency Shoulder Use (ESU) is activated. FDOT is using a department developed interface to communicate and download data from these sites at regular intervals when an evacuation order is issued.

2. PROJECT SCOPE & REQUIREMENTS

This RFP is a request to receive qualification and price proposals from Vendors interested in assisting the Department in a CCS maintenance and construction contract. The response will include the installation, repair, upgrade and maintenance of CCS locations, as well as the review and analysis of traffic data collected at the sites as for troubleshooting and performance validation. The Department must be able to maintain continuous operation of CCS equipment and sites, requiring the resulting contract to ensure that the Department's CCS equipment and sites are continuously repaired and maintained as required.

It is anticipated that the following requirements will be expected, these requirements represent the most current information. The anticipated project requirements include but are not limited to:

a. Technical Expertise

FDOT is seeking a Vendor with the technical expertise to install, maintain and operate CCS sites in accordance with the standards and specifications of this contract to collect the desired traffic data as referenced in the Vehicle Classification Monitoring and Truck Weight Monitoring chapters of FHWA's Traffic Monitoring Guide (TMG), as well as in accordance with Standard Specifications for Road & Bridge Construction 695 and the Traffic Monitoring Handbook. The Vendor shall have sufficient knowledge of the traffic data collection industry and operational flexibility to research and test new technologies, when approved by FDOT, and work toward implementing those technologies that will improve FDOT's traffic collection program.

b. Vendor Provided Materials, Labor, and Equipment

The Vendor shall provide all materials, services, and equipment (including tools and vehicles), except for the counters, which FDOT will supply to the Vendor. This includes Class II piezo-electric sensors, Kistler quartz WIM, Bending Plates, traffic cabinets, pull boxes, poles, solar panels, batteries, surge protection, conduit, modems, wire, sealant, and epoxy materials, etc. All equipment and materials, installed as a part of this contract, are permanently installed, and become the property of FDOT. The Vendor will be responsible for warranty and contract maintenance for all equipment per the terms of this document.

All equipment and material used in conjunction with this contract must comply with the FDOT Standard Specifications for Road and Bridge Construction and its supplements (current edition). **The FDOT Project Manager will decide whether submitted products are satisfactory for the intended use.** Product approval may be issued for a single work order, a single site, a period, or the contract, at the discretion of the FDOT Project Manager.

Material Safety Data Sheets (MSDS, Appendix B) are required for materials used in this contract. Prior to commencement of work, the successful Vendor shall provide the FDOT Project Manager with these. During the life of the contract, MSDS shall be provided when new materials are used, changes occur in existing materials, or at the request of the FDOT Project Manager.

All work shall be completed in a neat workmanship-like manner, and to the standards of the industry. The Vendor shall procure all manuals and regulations quoted in this contract.

All vehicles shall have a current inspection and registration from the state where the vehicle is registered. Vehicles shall be insured in accordance with the state's requirements. Vendor's equipment and operators shall comply with all applicable Department of Motor Vehicles, State, and Federal regulations, conditions, and operations of said vehicles. The name of the Vendor shall be displayed on both sides of all work vehicles while on state right-of-way.

c. Warranty

Each item installed shall have a warranty of at least one (1) year. Said warranty will begin upon final acceptance of the work performed under each individual Task Work Order (TWO) by FDOT. The manufacturer's product warranty shall be transferred to FDOT upon acceptance but shall in no way limit the warranty prescribed herein. Any equipment or labor found to be defective prior to the final acceptance shall be replaced or corrected at the Vendor's expense.

The Vendor will be responsible for replacement of equipment that malfunctions due to factory defect or poor workmanship for a period of one (1) year. The Vendor will provide mobilization and must follow FDOT Standard Plans for Maintenance of Traffic (MOT) for this work at no charge to FDOT.

d. Inventory

The Vendor will be responsible for maintaining an inventory of all equipment owned by FDOT (equipment issued with FDOT property numbers, modems, sensors, cabinets, batteries, and solar panels) that is in their possession, and replacement if lost. This includes equipment stored at the Vendor's warehouse or in the Vendor's technician and/or construction crew vehicles.

e. Work Zone Safety

The Vendor shall provide for work zone safety and traffic lane closures in accordance with the most current version of the Manual on Uniform Traffic Control Devices (MUTCD). All work zone safety equipment, including signs, shall be the responsibility of the Vendor to provide. Equipment/personnel that may be required for work zone safety includes, but is not limited to, crash cushions, flag personnel, vehicle-warning lights, signs, traffic cones, traffic barrels, and personal safety equipment. As a minimum, all personnel working in or along the side of the road shall wear adequate clothing to protect the skin against sunburn and insect bites, and to project a professional image to the motoring public. This includes the wearing of shirts with sleeves (at least short sleeve in length), long pants and socks. They shall also always wear approved safety vests and hard hats when a bucket truck is in use, steel toe shoes when saws, trenchers, etc. are in operation.

All safety equipment shall meet FDOT specifications contained in MUTCD and FDOT Standard Specifications. All contract personnel who work in the field shall be trained in safety and shall be certified as a flag person according to the FDOT Flaggers training. The Vendor must have four (4) Traffic Certified staff with one on site the entire time a lane closure is in effect. American Traffic Safety Services Association (ATSSA) or National Safety Council certifications are the only accepted training recognized by FDOT. Certification cards for all field contract personnel shall be carried on their persons for the duration of contract work. The FDOT Project Manager will require attendance of all field contract personnel to have Flagger training as a prerequisite for working on the project.

Prior to dispatching a work crew to a location at which lane closures will be required, a Vendor employee knowledgeable in the requirements of the MUTCD will develop a work zone setup plan for each proposed work location and submit to the appropriate District staff.

Work shall be performed in a timely manner to ensure as little disruption to the traffic flow as possible. The work location and schedule will require approval from the FDOT Project Manager one week prior to planned work activities. The Vendor must be able to close lanes, complete sensor installation and open all lanes to traffic within 8-hours for a 6-lane section of roadway. The Vendor must be able to complete lane closure, sensor installation and open all lanes to traffic in a 2-lane section within 3-hours. The Vendor shall coordinate with the appropriate District Staff and or other FDOT offices to ensure meeting all District-specific safety requirements. The FDOT Project Manager or the District Office may provide other personnel and agencies (City Engineers, Utilities, etc.) that the Vendor shall also be responsible for coordinating with regarding contract work and lane closure. The FDOT Project Manager will assist by providing information regarding initial points of contact in each District. The Vendor shall keep an electronic record of FDOT and other agency personnel with whom they coordinate work. This listing shall be submitted to the FDOT Project Manager upon request.

The Vendor shall be responsible for contacting Sunshine Florida 811 and ensuring that buried utilities are marked prior to beginning work at a location that may require digging or trenching. The Vendor shall also be responsible for contacting appropriate local FDOT offices or other FDOT Vendors for the marking of FDOT utilities and acquiring appropriate permits via FDOT's One Stop Permitting service at (<https://osp.fdot.gov/#/ContentPage/18ccf98b-9dba-48a8-b5ea-a78e01198699>).

At selected locations, the Vendor shall coordinate and schedule the use of Florida Highway Patrol Officers or local police support in the work zone as an additional safety measure. Police support will be paid as a distinct line item. At other locations, FDOT may also require police support. Vendor may request approval for police support at other locations but must receive prior approval from the FDOT Project Manager in order for payment to be made for these services.

f. Contract Personnel Requirement

The contract will be awarded to one qualified Vendor, with no sub-Vendors, except for police support and directional boring services only. A detailed staffing plan will be required. Vendors shall detail the organizational structure for the group they propose to work on this project. While the Vendor is responsible for setting personnel staffing levels to meet the requirements of this contract, the plan shall include information on the back-up for key positions so that

absences such as vacation, sick time, etc. are accounted for without degradation to the mission. While this list should not be considered complete, examples of some key functions, key personnel and sub-tasks that should be included in the Vendor's plan are:

- a. **Program Management / Project Manager** – Provide program direction and coordination. This is the key contact between FDOT management and the contracted program. Accessibility (on-call access) to contract Program Management staff is key to overall program success. This position shall ensure all program coordination and reporting requirements are met, including all staff are efficiently hired, trained and terminated, as necessary.
- b. **Technical Expertise** – Provide guidance and training to staff on technical issues, review technical work such as response to maintenance services regarding electronics problems and failures. Coordinate and resolve problems with equipment suppliers. Conduct research into new technologies and materials and advise FDOT regarding implementation issues.
- c. **Construction/Schedule Management** – Project Manager or Supervisor. Prepares work order estimates and coordinate task work orders with the FDOT Project Manager. Schedule daily work. Review pre-construction inspection notes, inspection results and traffic data, confer with FDOT Project Manager and ensure installation/maintenance crews are aware of work requirements for each site. Coordinate schedules, lanes closures etc. with local FDOT, other government offices, utility marking services, police, etc. This includes timesheet/activity records for all field personnel working on TWOs.
- d. **Sensor Maintenance and Installation** – Repair and/or replace all field components of a CCS site in accordance with FDOT Specifications for Road and Bridge Construction.
- e. **Quality Control/Assurance** – QC/QA Supervisor. Even though FDOT does expect to have inspection staff available for this project, this is a key to Vendor success. Ensure contract specifications are followed in all areas, particularly for field maintenance, installation, and technical repair operations. Ensure the procedures manual is updated as required by the contract and FDOT Project Manager requests and the FDOT Project Manager has the most current version.
- f. **Technical Service Support** – Field Supervisor. Respond to operational trouble calls for electronics or communications equipment. Troubleshoot, install and` repair electronics and communications equipment. Inspects sensors, document findings and recommend needed repairs. Perform annual calibration checks and pre/post maintenance inspections. Mark buried cables and remove equipment from stations when/where outside construction requires.

- g. **Traffic Control Technician** – Develop the traffic control plans, submits drawings and paperwork for approval. Supervises the installation of approved traffic control, ensuring that all signs, cones, barrels etc. are in the appropriate locations and that all MUTCD and FDOT specifications, procedures and guidelines are followed. Certified in Traffic Control and is on site anytime a lane or shoulder is closed to traffic. Responsible for any updates or changes to the MUTCD or FDOT Specifications and guidelines and brings the Vendor into compliance within 30 days. Must be certified by ATSSA or National Safety Council in the development of traffic control plans and the installation of traffic control devices.
- h. **Administrative Support (NON-BILLABLE)** – Maintain files and communicate with the FDOT Project Manager. Ensure paperwork and documentation is submitted. Prepare and track invoices.
- i. **Training** - All contract personnel shall be knowledgeable in the requirements of the contract pertinent to their work and shall have sufficient skill and experience to properly perform the work assigned to them. At least two full-time staff member shall be knowledgeable in the electronic and telecommunications requirements of the contract. The Vendor shall provide a list of personnel along with their job duties and qualifications to the FDOT Project Manager at the beginning of each month. The list shall detail all personnel working on this contract. Any changes in duties or additions of new personnel must be coordinated with the FDOT Project Manager. The Vendor shall certify that all personnel are trained in accordance with the training program established for this contract and are able to perform the requirements of the contract. If the quality of work by any individual fails to meet the standards required by this contract, upon notification by the FDOT Project Manager, the Vendor shall take appropriate action to retrain or remove that individual. The FDOT Project Manager, Engineers or inspection staff may request that individuals without the appropriate skills be removed from tasks that are beyond their skill levels.

The Vendor shall hold a monthly meeting (**NON-BILLABLE**) with all current personnel for refresher training, to discuss safety and/or to discuss on-going issues. The FDOT Project Manager will provide topics for inclusion on the agenda at times. An agenda with notes from each meeting shall be submitted to the FDOT Project Manager as part of the monthly schedule.

PMI - Planning, Maintenance & Installation Annual Meeting

An annual Planning, Maintenance & Installation Meeting (**NON-BILLABLE**) will be held by the Transportation Data and Analytics (TDA) Office virtually with the option of in person at a location to be determined by TDA. The recommended attendees for this event is as follows: active field technicians and construction staff the Vendor has regularly working on this contract. This event is an information exchange opportunity that helps to ensure all the Vendors' staff are up to date on any changes to specification 695 of the Standard Specifications for Road and Bridge Construction and 695-001 Standard Index. Additionally, future changes to FDOT procedures and shared practices as they apply to this contract will be addressed at this event.

At a minimum, the following standards shall be met:

a. CCS Training

The CCS supplier's certified/qualified trainer shall train all employees responsible for the setup, troubleshooting or repair of CCS equipment. Training shall consist of factory (supplier) training and hands-on field training.

b. Road Sensor Installation Training

The Vendor shall conduct training for all employees that details the operational characteristics of the vehicle sensing equipment proposed to use. Training shall also cover sensor installation and maintenance procedures. Sensor installers and repair technicians need to be certified by the manufacturer. Certification shall be documented and supplied to the FDOT Project Manager.

c. New Employee

New employees shall receive the same live training that original employees received. Some consolidation of training will be allowed in the interest of efficiency. However, crew leaders shall always be trained personnel. Untrained personnel (due to consolidation of training for efficiency) shall not work with a crew leader with less than 6 months experience as a crew leader on a similar project. No more than one untrained person shall be assigned to a crew leader at a time.

d. Administration (NON-BILLABLE)

The FDOT Project Manager, and their designated representative, shall be invited to attend all training sessions. Detailed training plans shall be submitted to the FDOT Project Manager for comment prior to commencement of training. Training shall be conducted at least annually as refresher training, if not required sooner for new employees. The Vendor shall provide a list of all employees who attended each training session and the name and qualifications of the instructor to the FDOT Project Manager.

e. Procedures Manual

The Vendor shall provide to the FDOT Project Manager three (3) copies of its detailed work procedures manual. This manual shall include the step-by-step instructions for repair technicians, including equipment testing, service call procedures, installation of equipment, replacement of components, and all aspects of the road crew related work. Detailed electrical schematics of all cabinet wiring including grounding bonds and component placement within the cabinet shall be a part of the manual. Contract personnel and work crews shall have this manual available at the worksite and shall be familiar with its contents. The manual shall be a working document and shall be used as a reference guide while on site. Project Manager shall be notified of shortcomings and inaccuracies found in the manual by Vendor or FDOT personnel for appropriate correction and update of the manual. The Vendor shall provide updated copies of the manual to the FDOT Project Manager quarterly or as requested by the FDOT Project Manager for update of major changes. Updates shall be version controlled to enable immediate identification of the latest version.

f. Special Requirements

1. No person shall enter a work zone without training, permits and authorization. All FDOT Safety Regulations (<https://www.fdot.gov/roadway/TTC/Default.shtm>) shall be followed. All documentation related to the entry in a confined space or work zone shall be provided to the FDOT Project Manager with all post-construction related documentation prior to the commencement of work.
2. Two members of each crew shall hold current certification in basic first aid and Cardio-Pulmonary Resuscitation (CPR). Documentation shall be provided upon request to the FDOT Project Manager.
3. Two members of each crew shall hold current certification in Traffic Control. Documentation shall be provided upon request to the FDOT Project Manager. Certification must be on person when lane closure is in place.
4. FDOT requires as a general job responsibility that contract employees need to be appropriately trained in personal safety. First Aid, Lock-Out/Tag-Out, Fall Protection, and Confined Space awareness training will be the responsibility of the Vendor. The FDOT Project Manager shall be made aware of those employees having had training in these areas upon execution of contract..

g. Workmanship Sample

The FDOT Project Manager may require personnel performing key tasks related to system performance such as soldering, low voltage electrical wiring, splicing, and troubleshooting to perform those tasks in the presence of FDOT inspector for verification of workmanship abilities. The FDOT Project Manager will design the work sample and inspect the quality of work performed as the assigned task is carried out. The tasks will be completed at a location selected by the FDOT Project Manager. The individual performing the tasks will supply all tools and components to complete the task. The final product will be evaluated and the FDOT Project Manager will decide if the technician is qualified to perform the level of skilled work evaluated or whether the individual requires additional training.

h. Material/Tool Specifications

A comprehensive list of all materials and source suppliers will be maintained. All components and materials list shall be updated when a new approved item is added. All tools, including items such as hand drills, stirring paddles, grinders, cleaning chemicals will be listed by part number, size, type, and the function of the device. The detailed material/tool supply check sheet for all tasks to include precise component identification will be incorporated into the "Procedures Manual Handbook". Items deemed unacceptable by the FDOT Project Manager because of performance issues will be replaced/upgraded at the Vendor expense.

i. Vehicle Classification Table

The FDOT Project Manager must approve any vehicle classification tables used in this contract. In the future, use of any other classification table will require the FDOT Project Manager's approval before it may be used. To request a change in the table, the Vendor shall provide the FDOT Project Manager with a description of the request change, justification and a printed report showing the proposed classification table. Each approved classification table shall have a distinctive name that includes the month and year of approval for contract use. The FDOT Project Manager can require an update to the classification table at any time.

Service Call Procedures

The Vendor shall have 5 calendar days to investigate, make site visits, make repairs, and respond back to FDOT after notification/receipt of a service call. The response back to FDOT shall include a date and time of site visits, technician's name, and a summary of the nature of the problem found and action taken. If the immediate action taken does not resolve the problem and additional time is needed, the Vendor shall provide a detailed quote detailing how the problem will be resolved. The FDOT Project Manager will have the final approval authority for the problem resolution plan. Digital photos shall be submitted to the FDOT Project Manager with the service call response if failed sensors or FDOT road maintenance are found or to back up the service call response. If the result of the service call site visit requires sensor(s) replacement, the Vendor shall notify the FDOT Project Manager, who may arrange for verification of the requirement. The FDOT Project Manager will contact the Vendor with repair/replace scheduling instructions. The sensor(s) shall then be scheduled for replacement as per issued Task Work Order (TWO).

If the findings of a service call indicate that FDOT road maintenance is the cause for the data problem, i.e., the roadway has been recently paved or sensors destroyed by milling, the FDOT Project Manager shall be immediately notified.

Sensor Replacement

A majority of road installation work required under this contract will be the replacement of individual sensors as they fail and the replacement of entire lanes of sensors destroyed by FDOT's road maintenance program.

Upon request the Vendor shall submit:

- a. A completed FDOT site inspection form (See Appendix C).
- b. An estimate of repairs based on the inspection form.

All sensors replaced by the Vendor shall have a one (1) year Vendor's warranty, which will begin upon acceptance of the installation work by the FDOT Project Manager. Any replaced sensor, which fails within the one (1) year period after acceptance due to installation, shall be replaced by the Vendor at Vendor's expense, to include mobilization and FDOT's MOT. The same standards for failure will be used for Vendor installed sensors as are used to determine if existing FDOT sensors require replacement. Piezos that fail to perform properly or degrade during the first year shall be evaluated to determine the mode of failure. The FDOT Project Manager reserves the right to make the final decision whether the piezo has degraded. The FDOT Project Manager may request a lane closure and participate in the removal and evaluation of any sensor to include FDOT developed tests of the sensor. Quality workmanship is key to the longevity of sensors. Sensors installed with poor workmanship may initially pass sensor reading tests; however, will be unacceptable to the FDOT Project Manager. The FDOT Project Manager may require replacement of such sensors or allow the continued use with a longer-term warranty from the Vendor. A post construction inspection shall also be performed on all warranty work completed and sent to the FDOT Project Manager within the specified period.

Work Schedules and Work Control Procedures

All CCS maintenance work shall be pre-approved by the FDOT Project Manager prior to the Vendor starting work at a location. The Vendor's approach and work plan shall include control procedures to ensure that approval is received prior to

commencement of work, and that only required work is recommended. Features that shall be included with suggested guidelines:

a. Initial Work Schedule

The Vendor shall provide the FDOT Project Manager with an initial work schedule that indicates when all initial site visits and installation of contract count equipment, if an equipment change is being made, will be complete. It is FDOT's preference that CCSs remain continuously operating, and that as little disruption to traffic data available occurs during the transition process to a new contract.

b. CCS Preconstruction Inspection

After a review of FDOT road maintenance plans, the FDOT Project Manager will provide the Vendor with CCS locations where sensor maintenance work may be appropriate. The FDOT Project Manager may provide a priority of work to be performed at any time during this process. The FDOT Project Manager will require a preconstruction inspection of the CCS and roadway before maintenance construction work can begin. The inspection shall include a thorough test of all sensors and other CCS site components. A detailed FDOT Inspection form submitted electronically containing sensor test results, pavement condition, digital photographs and recommendations for repairs shall be submitted to the FDOT Project Manager. All digital photographs submitted for this contract shall be time and date stamped.

c. Task Work Order (TWO)

A written task work order will be issued by the FDOT Project Manager to initiate all work to be performed under this contract (see sample, Attachment -1). Such TWOs will specify the STCS or CCS to be serviced, the service to be performed, and the estimated costs to be incurred. Typically, a separate TWO will be issued for each site to be serviced. The exception to this will be for "site troubleshooting/technician" work or for work requiring similar, repetitive operations. A single TWO may be issued to utilize bucket truck operations at multiple locations. Determination of the number and location of sites to be included in any multi-site TWO will be by agreement between the Vendor and the FDOT Project Manager. Sites that do not download the previous day's data may require a site visit by an electronics technician to determine the cause of the problem. The repairs are performed at the cabinet, solar power pole or occasionally one of the pull boxes where wire splices are located. Typical repairs are of short duration and may include, but are not limited to modem, voltage regulator, battery, solar panel, and electronics replacement or repair, checking wiring connections, performing splices, recording readings from the various electronic devices, retrofitting sites with equipment upgrades such as wireless modem installations, or other work of a similar nature. In these TWOs, multiple sites will be "clustered" so that the anticipated work can be accomplished within one work week. This work week may exceed 60 hours without prior approval of the FDOT Project Manager if the negotiated standard hourly rate is not affected. Additional charges such as overtime are not permitted.

Within seven (7) calendar days of receipt of a written TWO, the Vendor shall acknowledge its receipt, acceptance of the work assignment, and agreement to the estimated costs allocated. This acknowledgment shall be accomplished by returning one copy of the TWO signed by an authorized company official to the FDOT Project Manager or processed through DocuSign. Except as noted above, all work on a TWO shall be satisfactorily

completed within 60 business days of acknowledgment of said TWO. Any time required for acquisition of materials and supplies shall be included in this 60-day period. At the Vendor's request, time extensions may be granted by the FDOT Project Manager and documented in the TWO files. For TWOs requiring sensor replacement, the Vendor will, at no additional charge, send an electronics technician to the site to verify the problems listed in the TWO and to identify any additional work that may be required (pre-inspection).

All work accomplished as a result of this contract is subject to inspection by TDA technicians and must be approved by the FDOT Project Manager prior to acceptance of and payment for services rendered. The FDOT Project Manager shall be notified of the intended work schedule for each TWO at least five (5) working days in advance of any work being accomplished under said TWO and shall have 10 working days following notification of completion of work by the Vendor for inspection. Work not accepted and approved shall be corrected by the Vendor and re-inspected by FDOT within 10 working days following notification.

If the Vendor does not begin work by the end of the day provided by the Work Document, or if the assignment of work on the Work Document is not complete within the number of calendar days specified on the Work Document, then the Department may assess the Vendor, not as a penalty but as liquidated damages, a per day assessment of \$500.00.

Sites that have a separate cabinet for each direction (2-unit sites) will be considered "one" site for assigning TWOs except in the following instances:

1. When four or more lanes are being monitored in either direction
2. When guardrail or any other structure prohibits the workers and their equipment's ability to access both cabinets from one location
3. When more than 1,000 feet separate the sites cabinets

A foreman is required on TWOs calling for flaggers or closing of an active travel lane which involves site construction crews. A construction crew will have a foreman and an appropriate number of workers for the task to be performed in a timely manner. This includes the personnel required to set up and maintain the safety of the work zone.

d. Post-Construction Inspection Process

After completion of construction work, a post-construction inspection shall be completed and submitted to the FDOT Project Manager. There will not be a separate pay item for this inspection. This Post-Construction Inspection is used as a notification to the FDOT Project Manager that the Vendor has completed and reviewed its work and is ready for an FDOT acceptance inspection. This inspection shall include an electronic report containing all (both newly installed and existing) sensor readings, digital photos, GIS and a site sketch. All site installation sketches shall be done in AutoCAD, MicroStation, drawings, or in a format approved by the Department, and shall include a detailed drawing showing lane width, previous sensor arrays still in use, new sensors and all spacing. Newly installed sensors shall include the depth of installation, given in inches. Sensors that are paved over shall be noted on the drawing. The cabinet and location of trenching and conduits and grounding shall also be shown. All spacing between sensors, cabinets and other markings shall be measured in feet and inches. The name of the drawing

maker and north arrow shall be shown on the sketch. After submission of the post-construction inspection, an FDOT inspector will make a final acceptance inspection. All post-construction inspection reports shall be sent to the FDOT Project Manager. Once notification of readiness for inspection by the Vendor has been received, FDOT acceptance testing will be conducted within 30 days. There will not be a separate pay item for this function.

Inspection reports (preconstruction and post-construction) shall be submitted to the FDOT Project Manager within 10 business days.

e. Payment

Only inspected and approved TWO work shall be eligible for invoicing. Invoices for TWOs completed and inspected shall be submitted to the FDOT Project Manager. After receipt of invoice, the Department has 10 working days to inspect and approve goods and services.

The Department will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Vendor or supplier. Such delays may include an area-wide shortage, an industry-wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Vendor shall furnish substantiating letters from a representative number of manufacturers of such materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc. No additional compensation will be made for delays caused by delivery of materials or component equipment.

f. Regularly Required Work Schedules

All road installation and maintenance work shall be coordinated with and approved by the appropriate local government authority, local controlling FDOT office and the FDOT Project Manager. Work requiring lane closures shall normally be limited to daytime hours Monday through Friday. Work at some locations (such as high traffic volume locations) will only be allowed during the nighttime hours. The FDOT Project Manager and FDOT District staff can require nighttime, weekend hours. Holiday periods will have additional restrictions regarding days and hours during which lane closures will be allowed, which may be determined by the local FDOT office or the FDOT Project Manager. The Vendor may work weekends with the approval of the FDOT Project Manager and the local government organization with authority to approve lane closures.

The Vendor shall provide the FDOT Project Manager with a schedule showing work planned during the upcoming week. The report shall be detailed and include the site location information, work order number, date of Pre-Construction Inspection and the crew leader.

The FDOT Project Manager shall have the authority to schedule meetings with Vendor management and employees as deemed necessary to manage the contract.

FDOT Project Manager Requested Site Maintenance

The Vendor may be requested to perform additional site maintenance at CCS sites not related to the replacement of sensors or operation of CCS equipment. The following list contains examples of such work, which shall be completed if requested by the FDOT Project Manager. A pay or bid item is to be provided by the Vendor for each type of service as part of their Proposal:

a. Fill/Seal Cracks and Repair Potholes

At the request of the FDOT Project Manager, the Vendor shall fill/seal cracks and repair potholes around the sensors. The area shall include all cracks within 20-feet of the sensors. The repair technique, procedures, and materials will require approval by the FDOT Project Manager. Site maintenance will take place during normal operations when a lane closure is active or as requested by FDOT Project Manager and carry a one-year warranty.

b. Pest Deterrents

Pest deterrents (mothball, ant granular, cedar) shall be used at all CCS sites to prevent infestation.

c. Maintaining Vegetation

At the request of the FDOT Project Manager, the Vendor shall trim the vegetation in the immediate area of the CCS cabinet. This shall include the area in a 10-foot radius around the cabinet, but only within the FDOT right-of-way. The Vendor shall contact the FDOT Project Manager to clarify any questions regarding what is or is not the FDOT right-of-way. The method to be used for maintaining this area is non-tractor mowing and/or string-trimming.

The Vendor shall be responsible for trimming of trees and other vegetation that adversely affects the available sunlight reaching the solar panel and ultimately impacts the operation of CCS and modem equipment. Before performing trimming operations, the Vendor shall notify the FDOT Project Manager to receive approval to cut/trim.

Note: Normal maintenance during services calls and the various inspections of this contract shall include maintaining the counter, pull boxes cabinets, dispense pest deterrents and remove vegetation and/or graffiti from the cabinet post and solar panel and shall not be a separate pay item.

d. Annual/ CCS Certification Inspection

The Vendor shall perform this inspection upon the direction of the FDOT Project Manager. This inspection shall be performed within 30-days upon receipt of request. The completed report shall be sent to the FDOT Project Manager. This inspection shall include the following items:

- Visual check of sensors (for grout failure, road maintenance issues, etc.) This is a noninvasive inspection and should not include lane closures
- Visual check of site (cabinet, gaskets, solar panel angle / obstructions, etc.). Repair as necessary
- Check pull box (for water, empty if full of dirt, level with landscape, visual damages, line with river rock)
- Check all connections
- Check time/date of the data collection unit
- Sensor checks to include current reading
- Photograph the sensors and site to include photos of pole/cabinet/solar

- Simple site sketch
- Check ground rod reading and ensure cad welding has been performed and notify the FDOT Project Manager of any discrepancies
- Monitor traffic and perform a count and classification audit
- Check cabinet mounting bolts: require gasket seals to prevent water from entering
- Locks may need to be adjusted or replaced if door is hard to open or shut
- Lubricate door hinges and locks
- Replace filters as needed
- Door gaskets shall be replaced if torn, missing, loose, open gaps where gaskets connect, (clean old gasket off door surface prior to replacing)
- Check seal around base of base mounted cabinets
- Implement appropriate pest/insect deterrent protocol
- Verify communications with FDOT before leaving site

Site Acceptance

A documented acceptance of each repaired, upgraded or newly installed site will be based on compliance with the current FDOT Standard Specifications for Road and Bridge Construction. An FDOT technician will inspect, sign, and date each site inspection sheet after all work has been completed to ensure specification compliance. FDOT will conduct final acceptance testing within 30-days of notification of readiness for inspection by the Vendor

Lightning/Surge Protection

The Vendor shall provide for lightning/surge protection at each CCS and be responsible for any damage caused by failed protection.

Post-Construction Maintenance

The Vendor shall compact and level the ground for planting grass seed in the FDOT right-of-way whenever contract construction work or service vehicles cause rutting or destruction of vegetation. The type of grass seed to be used must be approved by the FDOT Project Manager prior to use. Straw shall be spread over the newly sown grass. Gravel will be added as needed to restore the site to preconstruction conditions. There is not a separate pay item for this work. Costs shall be included in the individual construction pay items. The Site must be free of all trash once work is completed.

Vendor Representative

The Vendor shall provide the FDOT Project Manager with a contact name and phone number who shall be responsible for all contract work discussion. The FDOT Project Manager will coordinate administrative issues with the Vendor Representative but may at times require direct access to the Vendor's Field Technicians to discuss specific issues. To facilitate that contact, each contract team/employee shall have a cellular telephone at which they can be contacted during

normal work hours. A list of all employees and their work hour phone number shall be provided to the FDOT Project Manager and shall be updated when changes occur.

Lane and Sensor Numbering

To ensure uniformity in numbering the road sensors, the following procedures shall be followed.

North/East outside/driving lane is Lane 1. The lead loop in Lane 1 shall be Loop 1A. The trail Loop in Lane 1 shall be Loop 1B. This numbering shall continue to the inside lane. Piezos shall be numbered matching the lane number. Numbers will continue in sequential order when crossing to the other direction of travel (See Appendix D).

3. Assignment of Pay Items

Pay Items are established and will be assigned for all work to be accomplished under this contract. Work assignments will be made through issuance of TWOs. All work is to be performed in accordance with the Pay Item Descriptions below and the documents referenced in the **Work Schedules and Work Control Procedures** section above. Each TWO will contain a detailed description of the work to be performed based on "best knowledge available at the time of issuance," and the compensation allocated for the TWO. Adjustments may be made to the Pay Items/quantities allocated, upon the Vendor's inspection of the worksite, at the discretion of the FDOT Project Manager. If the Vendor determines that additional work exceeding \$1,000.00 should be performed, they must get prior approval from the FDOT Project Manager. Said approval may be in writing or given verbally with written follow up documentation. The exception to the requirement for prior approval will be on technician TWOs where technicians may be redirected to visit additional sites or may encounter unanticipated problems requiring additional time and/or replacement of equipment or materials on-site. E-mail, fax or other written correspondence are acceptable and will be attached to the TWO files for future reference. Should adjustments be made, compensation will be recalculated for the items/quantities used to perform the work required in the TWO, as approved by the FDOT Project Manager, at the Contract Prices.

New Pay Items may be assigned if deemed by the FDOT Project Manager to be necessary to fulfill the intent of this contract. Should such Pay Items be assigned, compensation for same shall be as negotiated by the FDOT Project Manager and shall be mutually acceptable to FDOT and the Vendor. The contract shall be amended to reflect the addition of the new Pay Items.

Pay Item Descriptions, Measurement and Payment

Establishment of Pay Items

The following Pay Items are established and will be included as a part of the contract.

Maintenance of Traffic (MOT)

Description

All maintenance of traffic (MOT) shall be in accordance with the referenced specifications (Section 2b, above) and FDOT procedure Topic No: 625-010-010-g. The Vendor shall obtain permission to close lanes as necessary from each responsible local maintenance yard or the proper office as directed. The Worksite Traffic Supervisor must be certified by a FDOT

approved training agency that meets FDOT's MOT training requirement for advanced training. It is the Vendor's responsibility to ensure availability and proper scheduling of FDOT's MOT crew for all TWOs. In the event, scheduling is not permissible then it is the responsibility of the Vendor to provide FDOT approved MOT. Mobilization will be included in the MOT costs and is defined as the charge to take a fully outfitted maintenance/construction work crew to the worksite for the duration of time necessary to complete all work assigned at the site.

Work under this section shall include furnishing flag persons as required, and the installation, maintenance and removal of the required barricades, signs, and flashing lights. All preparatory work and operations in mobilizing for beginning work, movement of personnel and associated costs, per diem, etc., movement and/or storage of equipment and supplies, MOT and other incidentals for one TWO (project) shall be included in this item.

The MOT shall be determined by type of road and MOT required based on work to be performed at the site and approved by the FDOT Project Manager and assigned with each TWO. The MOT shall be determined according to the following criteria:

- Interstate MOT – defined as an interstate site for installation or repair requiring lane closures.
- Non-Interstate MOT – defined as a non-interstate site for installation or repair requiring lane closures.
- Mobilization Only – defined as mobilization to a location for work that does not include lane closures. Will normally be associated with work crew performing tasks on the shoulder of the road only such as replacement of cabinets, poles, grounding, or maintenance of vegetation. This will be paid per work crew per day. If multiple locations are visited in one day, Vendor can only charge once per day.
- Shoulder Closure Only MOT – defined as closure of shoulder lane only with no active travel lanes closed. Normally this is associated with a work crew performing tasks on the shoulder of the road only such as replacement of cabinets, poles grounding or maintaining vegetation.
- Message Board – defined as in addition to MOT type when message boards as required by the MUTCD.
- Police Services – defined as in addition to MOT type when police services are required.

This section is not for mobilization of technicians performing services calls, counter repair, site inspections, sensor marking, data retrieval, solar panel replacement other work associated with a single technician working alone.

1. Measurement and Payment

Payment for this item shall be a price per lane for the level specified. Payment shall be made under:

Payment shall be made under:

Item No. MOT-IL	Mobilization- Interstate Location
Item No. MOT-NIL	Mobilization- Non-Interstate Location
Item No. MOT-NM	Mobilization Only- No MOT
Item No. MOT-FR	Flaggers Required
Item No. MOT-SC	Mobilization- Shoulder Closure
Item No. MOT-MB	Message Board

Item No. MOT-PS Police Services per 4-Hour Block

Grounding

Description

All grounding shall be in accordance with the referenced specifications (Section 2b, above) except readings shall be recorded on forms obtained from or approved by the FDOT Project Manager. The completed data sheets shall be submitted to the FDOT Project Manager. New cabinets (base mounted or pole mounted) require the installation and connection of 40-ft. of grounding electrode as a single point contact or in array. See Standard Specifications for Road & Bridge Construction 620 and Standard Plan Index 695-001 for grounding requirements.

2. Measurement and Payment

Payment shall be made per linear foot of grounding electrode installed and shall include labor, all ground rods, chemical welds, couplings, and fittings. Payment shall be made under:

Item No. 620-1-1 Grounding Electrode (F&I) – LF

Conduits, In Place - With/Without Trenching

Description

This section describes the conduit to be installed and the method of installation. Conduit installed shall be in accordance with 630 of the Standard Specifications for Road & Bridge Construction and Standard Plan Index 695-001.

Conduits placed under the pavement shall be installed by Directional Bore (horizontal directional drilling). Other horizontal conduits shall be placed by open trenching unless Directional Boring is more cost effective to FDOT. Directional boring in areas other than beneath the roadway must be approved in advance by the FDOT Project Manager.

3. Measurement and Payment

The contract unit price per linear foot for conduit/casing, furnished and installed, shall be full compensation including all fittings, glue, hardware, and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. Payment for directional bore will be based on the horizontal distance measured from pull box to pull box, or pull box to cabinet, pole, etc. as specified. The Vendor will be responsible for restoring any areas that erode for a period of six months after the work was performed. This will include the placement of sod where required in locations prone to erosion. Payment shall be made under:

Item No. 630-X Trenching, includes opening and closing the trench for placing conduits, (F&I) - LF/Trench

Item No. 630-2-11	All PVC conduits (1/2" - 3") placed either vertically, or horizontally in an open trench or casing, (F&I) - LF/Conduit
Item No. 630-2-12	2" – 3" PVC or rigid conduits placed by directional boring, one per pull, (F&I) - LF/Conduit
Item No. 630-2-23	2" – 3" PVC or rigid conduits placed by directional boring, two or three per pull, (F&I) - LF/Conduit

4. Pull Boxes

Description

Pull boxes shall be installed in accordance with the referenced specifications (Section 2b, Standard Specifications for Road & Bridge Construction 635 and Standard Plans Index 17700.)

5. Measurement and Payment

The contract unit price per pull box, furnished and installed, shall be full compensation including all hardware and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. The Vendor will be responsible for restoring any areas that erode for a period of six months after the work was performed at no additional expense to FDOT. This will include the placement of sod where required in locations prone to extreme erosion. Payment shall be made under:

Item No. 635-1X	Concrete Apron (F&I) – EA
Item No. 635-2-11	Pull Box, Composite (F&I) – EA
item No. 635-2-12	Replenishing Pull Box With River Rock – EA

Aluminum Pole

Description

Aluminum poles installed shall be in accordance with Section 646 of the FDOT Standard Specifications - Ground poles in accordance with Section 620 of the Standard Specifications for Road & Bridge Construction and Standard Plan Index 695-001.

6. Measurement and Payment

The contract unit price per pole, furnished and installed, shall be full compensation including all hardware and materials as required, all labor, excavating, backfilling and restoration materials as necessary for a completed and acceptable installation. Payment shall be made under:

Item No. 646-1-12	12-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-15	15-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-20	20-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-25	25-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA
Item No. 646-1-30	30-FT. Aluminum Breakaway Pole Assembly, (F&I) – EA

Electronics Technician/Construction Laborer for Repair of Sensors and/or Other Equipment

Description

To ensure proper operation of the site, and to preclude unnecessary replacement of entire sensors and/or equipment, operational and electrical testing and/or calibration shall be performed when specified.

Specified testing/calibration will be performed using only equipment, computer software and methods approved by FDOT for the equipment and sensors being tested. It shall be the Vendor's responsibility (without additional cost to FDOT) to obtain the appropriate test equipment, computer equipment and/or computer software to accomplish the prescribed work. Testing/calibration shall also include a visual/physical verification of vehicles crossing sensors to ensure proper calibration of counts, classification and/or weight by electronic classifier/WIM unit.

Whenever testing equipment or servicing the site indicates that re-splicing cables in the pull box and/or replacement of only the homerun cable for the associated sensor(s) would restore the assembly to performance within specifications, re-splicing and/or homerun cable replacement shall be performed in lieu of assembly replacement, and compensation will be adjusted by the FDOT Project Manager accordingly. Equipment testing/calibration shall be in accordance with the manufacturer's instructions as approved by the FDOT Project Manager. Testing of the loops and lead-ins shall be in accordance with Section 695-3.2.2 of the Standard Specifications for Road & Bridge Construction (SSRBC).

The Electronics Technician shall be fully capable of operating all test equipment and computer software routines and shall perform all required tests and making the necessary corrective actions.

The Construction Laborer shall be fully capable of operating all construction equipment in performance of unanticipated labor tasks and assisting the Electronics Technician as required. Typical tasks that arise infrequently would be removal, modification or installation of existing poles or cabinets, grinding or sealing of pavement, or any other activity not specifically covered in contract pay items.

7. Measurement and Payment

The contract unit price per hour for each technician and/or laborer shall be full compensation for mobilization, all labor, and all minor, associated material (such as electrical tape, miscellaneous hardware, paints, sealants, etc.) as required for a complete and acceptable installation. Payment shall be made per man/hour for technician's and/or laborer's time. No payment for work included in any other item of this contract may be included herein. Payment shall be as follows:

Item No. 300-2 Construction Laborer – Per Hour

Electronics Technician for Calibration of WIM Sites

Calibration of weigh-in-motion sites, unless otherwise specified, shall be accomplished using a five (5) axle semi-tractor trailer (commonly termed 18-wheeler) with air ride suspension for the tractor and trailer as specified in the TWO. The vehicle shall be loaded with a stable load 80% to 100% of its legal capacity. The calibration vehicle shall be weighed at a state certified static scale prior to use on-site. A copy of the scale weights recorded for the steering axle, drive axle group and

trailer axle group will be provided to FDOT's representative at the calibration site. The spacing between all axles shall be measured, recorded, and submitted with the weight ticket. Calibration shall be accomplished by making the prescribed number of passes of the test vehicle over the sensors in each lane. The Vendor must have a certified WIM calibration technician on site.

The Vendor will be responsible to provide a fully functional site before calibration begins. Prior to site deployment of the calibration vehicle(s), the Vendor shall test each sensor and determine its operating condition if required by FDOT. Payment for such testing and calibration will be paid for as Technician's Time - Pay Item No. 300-1. The FDOT Project Manager shall be notified immediately should any sensor not be performing optimally. No calibration will be performed in any lane where the sensors are not fully functional without the express consent of the FDOT Project Manager. The Vendor will provide a technician to assist with validation operations when requested by FDOT.

8. Measurement and Payment

The contract unit price per hour for each technician shall be full compensation for mobilization, all labor, and all minor associated material (such as electrical tape, miscellaneous hardware, paints, sealants, etc.) as required for a complete and acceptable installation. Payment shall be made per man/hour for technician's and/or laborer's time. No payment for work included in any other item of this contract may be included herein. Payment shall be as follows:

Item No. 300-1 Electronics Technician – Per Hour.

Item No. 305-5 Calibration Vehicle Five Axled Vehicle, Loaded – Per Hour.

Inductive Loop Assembly

Description

Standard Loops shall be 6ft x 6ft (unless requested by FDOT Project Manager), centered in the lane and be installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001).

9. Measurement and Payment

The contract unit price per loop for Inductive loops furnished and installed, shall be full compensation including all loop wire, loop sealant as specified and other associated material as required, and all labor for a completed and acceptable installation. Payment shall be made under

Item No. 695-6-BON Inductive Loop Assembly (Bondo/Stat-A-Flex Loop Seal) (F&I) – EA

Loop Homerun Cable

Description

Loop homerun cable shall be installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001). There should be no splices in any lead wires from the roadway sensor to the cabinet for distances less than 150 feet. Splices are allowed, if needed, when the distance from the sensor to the cabinet exceeds 150 feet.

10. Measurement and Payment

The contract unit price per linear foot, furnished and installed, shall be full compensation and shall include any necessary splicing and/or connectors.

Payment shall be made under:

Item No. 695-4-4	#14 AWG, IMSA 50-2 Homerun Cable (F&I) – LF
Item No. 695-4-80	3M, 8082 Wire Splice (F&I) – EA
Item No. 695-4-DB	3M, DBY-6 Wire Splice (F&I) - EA

Piezoelectric Axle Sensors

Description

Work described in this section consists of furnishing and installing the piezoelectric axle sensor(s) specified in the TWO, either in new locations or as replacements for existing sensors. Piezoelectric axle sensors shall be installed in accordance with the manufacturer's instructions and/or installed in accordance with reference specifications (Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001 except as modified herein.

Class II piezoelectric axle sensors shall be installed in a slot cut 1.5-inches deep. The slot shall be cut in one pass using a single 0.75-inch-wide blade or with multiple blades ganged together. The slot will be pressure air cleaned and wiped thoroughly with alcohol prior to placement of the sensor and sealant. Two strips of duct tape will be placed approximately 2-inches from the edge of the slot down both sides for the length of the slot prior to placement of the grout. The sensor will be installed 1-inch below the surface. The slot shall be partially filled with epoxy sealant prior to placement of the sensor to ensure there are no voids beneath the sensor. At completion, the grout level will be flush with the duct tape and will fill all voids in the pavement's surface layer out to the tape. The duct tape is then removed and after the grouts sets adequately, it will be ground flush with the roadway using a belt sander.

11. Measurement and Payment

The contract unit price per sensor assembly, installed, or furnished and installed, shall be full compensation for all work described in this section and shall include the removal of the existing axle sensor where required, the axle sensor, cabling as necessary, any special tools or equipment required, bonding material (grout) and other associated material as required, and all labor for a completed and acceptable installation.

The contract unit price for sensor lead-in cable furnished and installed shall be full compensation for all work described in this section and shall include the lead-in cable and all labor and materials needed to perform the splice.

Payment shall be made under:

Item No. 695-1-6C	6-ft. Piezo Axle Sensor, E-Bond (F&I) EA
Item No. 695-1-6A	6-ft. Piezo Axle Sensor, IRD, AS475 (F&I) – EA
Item No. 695-1-10C	10-ft. Piezo Axle Sensor, E-Bond (F&I) – EA
Item No. 695-1-10A	10-ft. Piezo Axle Sensor, IRD, AS475 (F&I) – EA
Item No. 695-XX	Replacement Coaxial Sensor Cable (F&I) – LF

Reseal Inductive Loops and/or Piezoelectric Axle Sensors

Description

Work described in this section consists of resealing existing embedded inductive loops, piezoelectric axle sensors, bending plates, minor potholes, or pavement patches (using cold patch, sealant, or grout as appropriate) either in rigid or flexible pavement.

All products used shall be approved by FDOT, and all work shall be in accordance with Section 660.

12. Measurement and Payment

The contract unit price per lane for up to two loops, two piezoelectric axle sensors and/or two bending plates, cleaned and resealed, shall be full compensation including all loop/piezo sealant and associated material as required, and all labor for a completed and acceptable installation. Mobilization and maintenance of traffic is covered separately and is not a part of this item. Payment shall be made under:

Item No. 695R Reseal Loops and/or Piezo Axle Sensors (F&I) - Per Lane

Solar Power Unit

Description

The work specified in this section includes furnishing and installing, interconnecting, and testing any or all the following solar power unit components as specified in accordance with Section 695 of the Standard Specifications for Road & Bridge Construction (SSRBC) and Index 17900 except as otherwise specified herein.

13. Measurement and Payment

The contract unit price per unit specified, furnished, and installed on an existing pole or in an existing cabinet, shall be full compensation for all work described in this section and shall include any or all the following: furnishing and installing the 85-150-300-watt (minimum) solar panels (as specified); or furnishing and installing the 21-AH or 100-AH battery; or furnishing and installing the specified 20- or 25-amp, voltage regulators. All necessary wiring and other associated material as required,

removal and disposal of existing panel, battery or regulator as required, and all labor for a completed and acceptable installation are also included herein. Payment shall be made under:

Item No. 695-5-85	85-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-150	150-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-300	300-Watt Solar Power panel, (F&I), - EA
Item No. 695-5-21A	21-Amp-Hour battery, (F&I), - EA
Item No. 695-5-12B	100-AmpHour battery, (F&I), - EA
Item No. 695-6-20A	20-Amp Voltage regulator, (F&I), - EA
Item No. 695-6-25A	25-Amp Voltage regulator, (F&I), - EA

Lightning Suppression

Description

Lightning Suppression shall be installed in accordance with reference specifications Section 2b, Standard Specifications for Road & Bridge Construction (SSRBC) 695 and Standard Plan Index 695-001. When specified, lightning suppression devices shall be furnished and installed for each power, piezoelectric axle sensor and loop lead-in in the cabinet. Suppressors for loop and piezo lead-ins shall be mounted on an approved 8" X 24" aluminum panel (Sensor Backplane) on the back wall of the cabinet. A sensor backplane will be capable of up to 4-lanes of inputs. Suppressors for power lead-ins shall be mounted on a 10" X 10" aluminum panel (Power Backplane) on the right-side cabinet side wall.

14. Measurement and Payment

The contract unit price, shall be full compensation for all work described in this section and shall include cost of removal of existing lightning suppression equipment when required, furnishing, and installing backplane and suppressors, interconnection of the lightning suppression on all lead-ins as required, furnishing, and installing the lightning rod and its interconnection with the system ground, and all labor for a complete and acceptable installation.

The Sensor backplane assembly shall consist of the basic backplane, DIN rail for mounting suppressors, two inductive loop terminal strips, and one vehicle sensor terminal strip. The Power Backplane will consist of the basic backplane, DIN rail for mounting the suppressor, one battery terminal strip and one solar panel terminal strip.

Payment shall be made under:

Item No. 695-8-NS	Power Backplane (No suppressors) (F&I) – EA
Item No. 695-8-PAS	Power Suppressor Atlantic Scientific (F&I) - EA
Item No. 695-8-PED	Power Suppressor EDCO (F&I) – EA
Item No. 695-8-LP	Lightning Suppressor, Loop/Piezo Atlantic Scientific (F&I) - EA
Item No. 695-8-LPED	Lightning Suppressor, Loop/Piezo EDCO (F&I) – EA

Continuous Count Station (CCS) Cabinet

Description

The cabinets installed shall be FDOT Type III, IV or V as specified in Section 695 of the Standard Specifications for Road & Bridge Construction (SSRBC) and Standard Plan Index 695-001, (except as modified herein), NEMA 3R rated, base, pedestal, pole, or pedestal/pole mounted as specified in the TWO. All wire leads from the roadway, solar power will enter the cabinet from the pole or base (when so mounted) in conduit or through the cabinet mounting structure (pipe where pedestal mounted, unless otherwise specified in the TWO. Entries into the cabinet shall be watertight.

Each cabinet shall have an aluminum shelf (same material as cabinet) continuously adjustable in 2-inch increments from within 10-inches (max.) of the top of the cabinet to within 10-inches (max.) of the bottom of the cabinet. The main door shall be provided with a hasp, making it capable of being locked with a padlock. The cabinet shall be vented to allow heat dissipation. The vents shall be covered with a filter to allow ventilation but preclude insect entry. No exhaust fan is required. No police panel or door is required but will be allowed.

Pedestal mounted cabinets shall have a solid 1/4" bottom constructed of 5052-H32 aluminum suitable for pedestal mounting. The cabinets shall be installed on 4-inch NPT aluminum pipe shaft with an aluminum pedestal adapter bolted on the bottom of the cabinet. The cabinet shall be mounted in accordance with Standard Plan Index 695-001 as applicable. The aluminum pipe shall be mounted on an approved breakaway aluminum square base assembly.

Pole assemblies shall include the pole, breakaway aluminum square base and all hardware for mounting the pole to the concrete base. The base will be paid for separately.

NOTE: All Type III cabinets must be a minimum of 25-inches wide to accommodate the FDOT standard lightning suppression backplane assembly.

Ground cabinets in accordance with Section 620 of the Standard Specifications for Road & Bridge Construction. Lightning suppression, where required, shall be paid for separately.

15. Measurement and Payment

The contract unit price for each cabinet, furnished and installed, shall be full compensation for all work described in this section and shall include the cabinet and its installation on a concrete base if base mounted (base not included), mounting brackets if non-breakaway pole mounted (pole not included), pedestal or breakaway (pedestal or pole included), ground wire and connection to the grounding electrode, and all labor for a completed and accepted installation. Payment shall be made under:

Item No. 695-7-13B	Type III TMS Cabinet base mount, (F&I) – EA
Item No. 695-7-13PD	Type III TMS Cabinet includes breakaway pedestal, (F&I) – EA
Item No. 695-7-14B	Type IV TMS Cabinet, base mounted (F&I) – EA
Item No. 695-7-14P	Type IV TMS Cabinet, pole mounted (F&I) – EA
Item No. 695-7-15B	Type V TMS Cabinet for base mounting, (F&I) – EA

Concrete Cabinet Base

Description

The work specified in this section includes the concrete base for the Type V base mounted cabinets described above, and the concrete base for the pedestal and break-away pole mounted cabinets and pole assemblies. All labor and materials for the base is included. The base material shall conform to all requirements for Class I concrete and may be either premixed or mixed on site. The requirement for pre-approval of plant and mixture may be waived at the discretion of the FDOT Project Manager. In such cases, the Vendor shall take special precautions in selection of materials and mixing thereof and ensure that the mixture conforms to compressive strength and slump requirements for Class I concrete. Concrete bases shall be constructed as detailed in Index 17841 of the Design Standards.

16. Measurement and Payment

The concrete unit price for each cabinet base, furnished and installed, shall be full compensation for all work described in this section, and shall be full compensation for all materials and labor for a completed and accepted installation. Payment shall be made under:

Item No. 400-1-15	Concrete Base for Type III, IV & V Cabinets (F&I)
Item No. 400-1-25	Concrete Base for Pedestal & Breakaway Cabinets (F&I)

Pole Removal

Description

The work specified in this section includes the removal and disposal of existing miscellaneous power poles. Such poles may be either wooden poles of lengths up to 35 feet above ground, or metal poles extending up to 20-feet above ground. Wooden poles are direct burial; metal poles may have up to 1/4 cu. yd. of concrete used as fill material. Work herein also includes backfilling and surface treatment of the area from whence the pole was removed.

17. Measurement and Payment

Payment shall be made per pole for each work assignment. The lump sum payment for this item shall be full compensation for all work included herein. Payment shall be made under:

Item No. REM-POL	Pole Removal (Remove and Dispose) - EA
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Piezoelectric Axle Sensor Removal

Description

The work specified in this section includes the removal and disposal of existing piezoelectric axle sensors when the sensor location is being abandoned. Such sensors may be in either Portland cement concrete or asphaltic concrete pavements. Sensors are to be removed by sawing alongside the sensor on each side at the roadway/grout interface to the depth of the

installed sensor (approximately 1 1/2" — 2"). When completing sawing, a pneumatic chipping hammer with a blade of up to 1-1/2" wide can be used to cut the sensor into separate sections (2 to 4) as required so that the sensor's bottom surface can be loosened from the grout/roadway and the sensor removed. Throughout the entire process to care shall be taken to minimize damage to the roadway surface. Work herein also includes backfilling of the excavated area with material approved by the FDOT Project Manager.

18. Measurement and Payment

Payment shall be made per piezoelectric axle sensor removed for each work assignment. The lump sum payment for this item shall be full compensation for the sensor removal, the approved backfill material, and all labor and incidental materials required for a complete and acceptable job. Payment shall be made under:

Item No. REM-PIE Piezoelectric Axle Sensor Removal (R&D) – EA

Miscellaneous Removal

Description

The work specified in this section includes the removal and disposal of existing concrete poles, concrete detector cabinet bases, and/or associated materials. Concrete poles removed herein will not exceed 35' in length. Bases removed herein will not include more than 1/2 cu. yd. of concrete.

19. Measurement and Payment

Payment shall be made per location for each work assignment. The lump sum payment for this item shall be full compensation for all work included herein. Payment shall be made under:

Item No. REM-CBA Removal of concrete base and miscellaneous equipment (R&D) – EA

Item No. REM-CPO Removal of concrete pole and miscellaneous equipment (R&D) – EA

Optional WIM Unit Components

The following items will be supplied by the Vendor when specified:

- (1) A temperature sensor will be installed in the roadway/paved shoulder to enable monitoring pavement temperatures.

20. Measurement and Payment

The contract unit price for each optional component, shall be full compensation for furnishing, installation, interconnection and testing of the component, and all labor for a complete installation. Payment shall be made under:

Item No. WIM -TEMPIRD IRD/PAT Traffic Temperature Sensor (F&I) – EA

Item No. WIM -TEMPQFREE QFREE Traffic Temperature Sensor (F&I) – EA

Installation, Removal and Replacement of Weigh-in-Motion Sensors

Description

The work specified in this section includes the complete installation of WIM bending plates, frames, loops and all associated hardware in both wheel paths of one lane at a new site, removal and replacement of one weigh-in-motion (WIM) bending plate in existing frame, removal of a bending plate frame and removal & reinstallation of an existing bending plate for inspection/repair purposes. The existing frames or new site frames may be in either Portland cement concrete or asphaltic concrete pavements. Maintenance of traffic or testing of the plates is not included herein but will be paid for separately under MOT and Technical Service (technician's) time. Also included is the furnishing and installing of Kistler Lineas Quartz Class-I piezoelectric weight sensors in lanes specified in the TWO.

All work included herein must be in accordance with the manufacturer's specifications and instructions as approved by the FDOT Project Manager. All new WIM sensors supplied by the Vendor shall be furnished with leads of sufficient length to reach the cabinet without the need for splicing additional cable.

Installation of a complete lane of bending plate WIM will include furnishing and installing all equipment and materials including the recommended embedded inductive loops and one bending plate and frame in each wheel path of one lane of a roadway. Materials not installed in the roadway, except sensor lead-ins, are not included in this Pay Item and will be paid for separately.

When furnish and install bending plates is specified, included will be the removal of the entire apparatus holding the plate in the frame, removal of the plate itself, the cleaning of the frame and plate area, checking and replacement of shims as necessary, furnishing, and proper fitting and installation of a new or factory reconditioned plate, furnishing new locknuts, and properly replacing the plate retaining apparatus. The Vendor will store or dispose of the removed plate as specified in the TWO.

When removal of a frame is specified, the pay item will include removal of the bending plate and its storage or disposal as specified in the TWO, and disposal of the frame. Also included will be treatment of the excavated area which will be backfilled with asphaltic concrete or Portland cement concrete as specified in the TWO.

Removal and reinstallation of an existing bending plate will include technician's time for inspection of equipment, cleaning, furnishing new locknuts and any other associated non-reusable parts, shims (if needed) and all labor.

Installation of Kistler Lineas Quartz piezoelectric sensors shall be per the manufacturer's instructions and will include the epoxy sealant furnished by the WIM sensor manufacturer unless otherwise specified by FDOT.

Installation of Intercomp Strip-Scale axle sensors shall be per the manufacturer's instructions and will include the epoxy sealant furnished by the WIM sensor manufacturer unless otherwise specified by FDOT.

The Vendor shall have a WIM trained and qualified Electronics Technician acceptable to the FDOT Project Manager on site during all phases of any of these Items.

21. Measurement and Payment

The contract unit price shall be full compensation including transportation of all materials to and from the site and all labor as necessary for a completed and acceptable installation. Payment shall be made under:

Item No. WIM-BP-ASSY Bending Plate WIM Sensor Assembly for Complete Lane (2 Plates, Frames & Loops) (F&I) – PER LANE

Item No. WIM-BP-100	Bending Plate WIM Sensor (F&I) – EA
Item No. WIM-BP-200	Bending Plate & Frame Removal (F&I) – EA
Item No. WIM-BP-300	Bending Plate Remove/Reinstall (F&I) – EA
Item No. WIM-175-K40	Kistler Quartz Sensor, Type 9195F411 (40M lead) (F&I) – EA
Item No. WIM-175-K100	Kistler Quartz Sensor, Type 9195F421 (100M lead) (F&I) – EA
Item No. WIM-XX	Replacement Cable for Kistler Type 9195 Sensors (F&I) – LF
Item No. WIM-185-I40	Intercomp Strip Sensor, (40M lead) (F&I) – EA
Item No. WIM-185-I100	Intercomp Strip Sensor, (100M lead) (F&I) – EA

Universal Cables and Connectors

Description

When specified, universal “P1” Equipment Cables and Connectors and/or “J1” Cabinet Cables and Receptacles shall be furnished and installed in the cabinet. They shall be fabricated in accordance with the TWO and Standard Plan Index 695-001 and be compatible with the specified Electronic Classification Unit described in Section 4.2.1. All wiring (including the ground wire) shall be kept as short as practical and shall be neatly placed and of good workmanship. All conductors in the cabinet (except ground wire and piezo lead) shall be stranded copper. All conductors shall be terminated with insulated terminal spade lugs. A ratchet crimping tool shall be used to attach the conductors to the terminal lugs. The Vendor will be responsible for acquiring the cables, connectors, terminals, and all labor and ancillary equipment necessary to produce an acceptable unit as specified.

22. Measurement and Payment

The contract unit price shall be full compensation for all work described in this section and shall include the cost of furnishing the universal cable and connectors as specified. Installation and interconnection, when required, shall be paid for separately. Payment shall be made under:

Item No. 695-4-P1	Universal “P1” Cable and Connectors for the specified Traffic Counter/Classifier (F&I) – EA
Item No. 695-8-J1	Universal “J1” Cabinet Cable and Receptacle with mounting Bracket (F&I) –EA

Security Requirements

Background Checks Requirements: A fingerprint-based Criminal History Background Check (CHBC) will be required of the Vendor's Project Manager and the employees of the Vendor who will supervise roadwork in Florida. All costs for the CHBC will be at the expense of the Vendor. Favorable results of the CHBC are usually available within 24 hours of the time the background check is conducted. In the event an employee of the Vendor has a criminal history, official criminal history reports issued by the Florida Highway Patrol or Florida Department of Law Enforcement (FDLE) are usually available within 12 business days, though longer delays may ensue.

A Name Background Check will be required of all other employees of the Vendor. All costs for the Name Background Check, will be at the expense of the Vendor. Favorable results of the Name Background Check are usually available within 24 hours

Minimum Vendor Requirements

FDOT requires that the Vendor meet the following minimum qualifications:

1. Must have at least four (4) traffic certified staff. The only acceptable training to FDOT is as follows: American Traffic Safety Services Association (ATSSA) or National Safety Council certification. Must be certified in the development of traffic control plans and the installation of traffic control devices with at least three years' experience performing these functions.
2. The principal of the Vendor directly responsible for this contract must have a minimum of five (5) years performing the following:
 - a. Experience with the installation, operation, repair, and maintenance of continuous Automatic Traffic Recording (CCS) sites/equipment for other state Departments of Transportation.
 - i. Experience with the installation and maintenance of Piezoelectric sensors for CCS, Piezoelectric sensors for WIM, in-road and non-intrusive traffic data collection, and Weigh-In-Motion (WIM) sites.
 - ii. Experience providing work zone safety including properly setting up lane closures, crash cushions, vehicle warning lights, signs, traffic cones, flag personnel and traffic barrels in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).
 - iii. Experience providing Quality Assurance/Quality Control (QA/QC) for work performed. Vendor should have quality assurance procedures that detail measures to be taken to ensure specifications. The Vendor must have completed a minimum of at least five (5) projects of similar size, scope and work as outlined in the Project Scope of Work.
3. The Vendor must provide five (5) references that illustrate the ability to complete the anticipated project requirements listed in the Project Scope of Work.
4. The Vendor must provide five (5) references that illustrate the ability to complete the anticipated project requirements listed in the Project Scope of Work. Three (3) references must be from government agencies for which projects of similar size, scope and work have been performed. Contact information must be

provided; this includes person's name, title, phone number, electronic, and mailing address. References will be contacted and FDOT reserves the right to contact other references as developed references.

- i. Must demonstrate success in other states which includes remaining on schedule and within budget without supplemental agreements, extensions, or changes in pricing.
 - ii. Must provide a list of the names and addresses of all clients who have terminated your relationship for performing similar services as detailed in this RFP during the past three years and their reasons for doing so. Please include the name, title, and telephone number of the contact person.
 - i. Must provide a list of all Vendors, businesses, or states that you have been disbarred or are in default of any contract with them. Contact information must be provided; this includes person's name, title, phone number and mailing address.
5. All key personnel supporting this effort must be located within a one day driving period of Florida. Key personnel are defined as Project Manager, Field Supervisors, Field Staff, or any other staff that directly support this contract.
 6. Must be established as a legal entity and have all necessary licensure and permits to do business in the State of Florida. Provide evidence of being in business for a minimum of five (5) years. Copies of current and previous four (4) year's business licenses will satisfy this requirement.
 7. Must possess the necessary equipment and personnel to fulfill the terms of the contract and be ready to proceed within seven (7) days upon receipt of a notice of "Notice to Proceed."

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TTMS Site Locations as of 09/28/2022

Dist	Cnty	Site	TPike	Active Roadway	Milepost	Latitude	Longitude	Site Description
4	93	0010		93010000	5.166	26.39752	80.07616	SR 5 / US 1 - N OF NEWCASTLE ST BOCA RATON,PBC
6	87	0031		87060000	1.531	25.77812	80.16486	SRA1A,MCARTHUR CSWY,0.2MI W OF PALM ISL ENT,DADE CO
2	29	0037		29010000	1.097	30.20133	82.77656	SR-10/US-90,0.6 MI. E. OF CR- 252A,COLUMBIA CO.
5	75	0038		75050000	3.743	28.55072	81.59719	SR 50,0.5 MI E CR-545,W OF ORLANDO,ORANGE CO.
1	07	0039		07010000	.07	26.70977	81.56528	SR-80, 2.9 MILES W OF CR 78A AT LEE COUNTY LINE
2	26	0043		26100000	.8	29.72442	82.35387	SR-121,0.8 MILES NORTH OF US- 441,ALACHUA CO.
7	02	0044		02030000	2.13	28.72565	82.5531	SR-55/US-19,0.2 MILES NORTH OF CR- 480,CITRUS CO.
2	74	0047		74030000	22.43	30.7761	81.97898	SR15/US1,7 MI N OF HILLIARD @ STATE LINE,NASSAU CO
3	48	0048		48010000	1.191	30.52925	87.43044	SR10/US90,1 MI E OF PERDIDO RIVER BRG,ESCAMBIA CO.
3	53	0050		53050000	17.715	30.98902	85.40753	SR-75/US-231,.7 MI S OF ALA. STATE LINE,JACKSON CO
3	60	0051		60070000	6.701	30.81683	86.12305	SR 83, 0.6 MI N OF CR-192,N OF DEFUNIAK,WALTON CO.
3	50	0054		50040000	5.861	30.68182	84.38361	SR-63/US-27,0.7 MI S OF GA. STATE LINE,GADSDEN CO.
3	49	0060		49040000	9.88	29.91573	84.5232	SR-30/US-98,0.5 MI SOUTH OF SR- 319,FRANKLIN CO.
2	72	0062		72190000	13.477	30.28829	81.41458	SR-212/US-90,0.1 MI E OF HOPSON RD,DUVAL CO.
4	92	0065		92030000	22.153	28.15652	81.11059	US-192,2 MI W OF SR-15,HOLOPAW, OSCEOLA CO.
7	15	0066		15140000	3.221	27.83532	82.83496	SR-699(GULF BLVD),110' N OF 183 AVE W,PINELLAS CO.
1	04	0068		04040000	4.883	27.2621	81.9845	SR-70, 0.24 MILE SE OF NW MIZELL AVE.,DESOTO CO.
2	28	0073		28020000	19.08	29.97714	82.22779	SR-100,1.3 MI EAST OF CR-235, BRADFORD CO.
7	14	0079		14050000	20.26	28.45137	82.1872	SR-35/US98&301,0.2 MI S OF US301 & 98 JCT,PASCO CO
7	10	0080		10030000	16.945	28.02063	82.17816	SR-600/US-92, 0.2 MI W OF TURKEY CREEK RD,HILLS. CO
7	15	0086		15090000	8.995	27.87279	82.60599	SR-600/US-92,1 MI E OF SAN MARTIN BLVD,PINELLAS CO
4	93	0087		93060000	28.302	26.71826	80.0434	SRA1A,0.1 MI E OF FLAGLER MEMORIAL BRG,PALM BCH CO
1	03	0094		03010000	14.467	26.12386	81.7627	SR-90/US-41,.3 MI SE OF CR31/AIRPORT RD,COLLIER CO

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6	87	0096		87240000	12.455	25.9127	80.22677	SR-9, 0.4 MI SW OF BISCAYNE CANAL BRG, DADE CO
4	93	0099		93210000	9.385	26.46423	80.20499	SR-7/US-441,0.7 MI NORTH OF SR-806,PALM BEACH CO.
4	93	0101		93120000	10.879	26.68063	80.21461	SR80/SOUTHERN BLV,1 MI W OF SR7/US441,PALM BCH CO.
5	77	0102		77010000	9.991	28.76523	81.28332	ON US-17&92,1.6 MI S OF SR-46,SEMINOLE CO.
5	75	0104		75060000	19.42	28.54169	81.08634	SR-50, 0.19 MI W OF SR-520 NEAR BITHLO, ORANGE CO
2	76	0105		76010000	23.932	29.61092	81.58355	SR-15&20&100/US-17,2.6 MI S OF SR-207,PUTNAM CO.
6	87	0108		87004000	3.536	25.8108	80.15733	SR-112/I-195, 1 MI E OF SR-5/US-1, DADE CO.
2	72	0109		72270000	4.297	30.29025	81.96592	SR-8/I-10,@CR-217 OVERPASS,E. OF BALDWIN,DUVAL CO.
2	32	0112		32100000	25.299	30.59913	83.12493	SR93/I75,@STATE LINE, 0.5 MI N OF SR143,HAMILTON CO
5	70	0113	N	70100000	10.27	28.35674	80.707	SR-520, 0.144 MI. W OF CR-3,BREVARD CO.
4	70	0114		70010000	11.226	28.00176	80.562	SR-5/US-1,0.2 MI S OF SR-514,MALABAR,BREVARD CO.
2	34	0116		34010000	2.45	29.56058	82.90608	SR-55/US-19, 2 MI S OF SR-26, LEVY CO
3	53	0117		53010000	13.439	30.77749	85.23653	SR-10/US-90,W OF RUSS STREET,MARIANNA,JACKSON CO.
4	36	0118		36001000	3.79	29.27059	82.15198	SR-25/US-301,0.3 MI N OF SR-326,MARION CO.
3	57	0122		57010000	11.958	30.75492	86.61436	SR-10/US-90,2 MI W OF SR-85,CRESTVIEW,OKALOOSA CO.
4	75	0130		75280000	7.5	28.43779	81.47464	SR-400/I-4,0.8 MI S OF SR-482,ORANGE CO.
2	74	0132		74160000	10.15	30.71832	81.66905	SR-9/I-95,2.0 MI S OF GA. STATE LINE,NASSAU CO.
4	79	0133		79002000	18.997	29.04766	81.00669	I-95,2.7 MI N OF SR44,@CR44 O/P,VOLUSIA CO.
4	70	0134		70220000	9.95	27.95394	80.61009	SR-9/I-95,3.34 MI. S. OF SR-514,BREVARD CO.
6	87	0137		87260000	18.42	25.92502	80.3019	SR 826/PALMETTO XPWY,2600' E OF NW 67TH AV,DADE CO
4	88	0139		88060000	6.111	27.65299	80.78428	SR 60-1.5 MI E OF BLUE CYPRESS LK RD INDIAN RIV CO
4	93	0140		93310000	4.663	26.91735	80.31314	SR-710/BEELINE HWY,3.6 MI SE OF SR-706,PALM BCH CO
1	03	0143		03080000	42.386	26.47974	81.43443	SR 29,0.4 MI S OF SR-82,IMMOKALEE,COLLIER CO.
4	94	0144		94070000	11.58	27.44739	80.49007	CR 68/ORANGE AVE .4 MI E OF JCT CR 609,ST LUCIE CO
1	04	0145		04020102	.31	27.25058	81.8452	SR-35/US-17,0.3 MI N LIVINGSTON ST,DESOTO CO.
1	13	0146		13050000	15.84	27.47488	82.32324	SR-64,1 MI W OF CR675,E OF DESOTO SPDWY,MANATEE CO
2	33	0149		33010000	29.479	29.9512	82.95375	SR-20/US-27,0.3 MI W OF SR-349,LAFAYETTE CO.
3	55	0151		55080000	.445	30.43824	84.27335	SR-20/US-27,0.7 MI W OF MAGNOLIA DR@RR O/P,LEON CO
5	75	0154		75003000	1.4	28.47229	81.31036	SR-436,1.4 MI N OF SR-528,ORANGE CO.
3	48	0156		48260000	6.455	30.52592	87.32245	I-10, 0.6 MI W SR-297 U/P,@ST LN,ESCAMBIA CO.
2	72	0161	N	72100000	.77	30.30635	81.63874	SR-10/US-90(ATL BLVD),100' W OF TRAYMORE RD.,JAX,DUVAL CO.
7	10	0162		10110000	3.052	27.95201	82.38613	

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								SR-60,1 MI EAST OF US-41,HILLSBOROUGH CO.
4	86	0163	86070000	22.592	26.28968	80.1237		SR-9/I-95,NE OF 48TH ST,POMPAÑO BEACH,BROWARD CO.
6	90	0164	90060000	32.276	25.16813	80.37653		SR-5/US-1, 1400' S OF CR-905,KEY LARGO,MONROE CO.
6	90	0165	90010000	4.335	24.571749	81.746361		SR-5/US-1,200' E COW KEY BRDG#00000170,MONROE CO.
3	46	0166	46010000	7.519	30.22213	85.88881		SR-30/US-98A,100YDS E SR-79,PANAMA CITY BCH,BAY CO
3	57	0167	57030000	.3	30.41028	86.79598		SR-30/US-98,0.3 MI E OF SANTA ROSA C/L,OKALOOSA CO
3	60	0168	60020001	.15	30.38561	86.39463		SR 30 (US 98) 0.1 MI E OF OKALOOSA C/L, WALTON CO.
5	79	0170	79210000	.82	28.9525	80.94205		SR-442, 0.53 MI E OF I-95,VOLUSIA CO.
2	72	0171	72280000	14.142	30.27765	81.61768		SR-9/I-95,0.7 MI N OF UNIVERSITY BLVD,JAX,DUVAL CO
2	72	0172	72170000	5.894	30.2724	81.73468		SR-21,S END OF CEDAR RIVER BR.,JAX,DUVAL CO.
3	47	0173	47010000	21.99	30.44322	85.03643		SR-20,0.6 MI EAST OF SR-71,CALHOUN CO.
4	93	0174	93220000	27.962	26.428569	80.50144		SR 9 / I-95 @ CONGRESS AVE O/P,WPB,PBC
5	75	0175	75040000	11.619	28.50688	81.37617		SR-527/ORANGE AVE.,@BUTLER DR.,ORLANDO,ORANGE CO.
4	86	0176	86010000	1.634	25.9982	80.1425		SR 5 / US 1 - 0.1 MI N OF PEMBROKE RD,BROWARD CO
5	11	0177	11010000	8.58	28.83091	81.82208		SR-500/US-441,0.3 MI E OF CR-44,LAKE CO.
6	87	0178	87030000	3.907	25.71883	80.27122		SR-5/US-1,S OF GRANADA BLVD,CORAL GABLES,DADE CO.
1	13	0180	13020000	3.642	27.52495	82.51346		SR-43/US-301,0.5 MI SW OF I-75,MANATEE CO,
1	17	0181	17020000	10.439	27.2377	82.5023		SR-45/US-41,600' NW OF SPRINGFIELD DR,SARASOTA CO.
2	74	0182	74040000	29.993	30.6298	81.61033		SR-A1A&200/US-301,0.4 MI W OF SR-5/US-17,NASSAU CO
7	15	0183	15170000	6.921	27.67815	82.67787		SR-93/I-275,900' S OF SKYWAY TOLLBOOTH,PINELLAS CO
1	12	0184	12075000	15.407	26.53256	81.79517		SR-93/I-75, 1.7 MI S OF DANIELS PKWY U/P,LEE CO
2	26	0185	26050000	4.84	29.67038	82.29893		SR-24, 1.5 MI NORTH OF SR-26,ALACHUA CO.
6	87	0187	87200000	2.068	25.78172	80.34574		SR-836, 1.4 MI E OF NW 107TH AVE UNDERPASS,DADE CO.
6	87	0188	87001000	8.574	25.68794	80.341		SR-94/KENDALL DR,150' W OF SW 91ST AVE,DADE CO.
2	71	0189	71020000	7.629	30.09361	81.70638		SR-15/US-17,0.6 MI S OF CR-220,CLAY CO.
7	14	0190	14140000	2.64	28.20722	82.3772		SR-93/I-75, 1.0 MI N OF SR-56,PASCO CO.
1	03	0191	03175000	60.1	26.26649	81.74236		SR-93/I-75,0.5 MI N OF CR-896,COLLIER CO.
3	46	0192	46050000	22.307	30.43572	85.4465		SR-20,1.1 MI. WEST OF US-231,BAY CO.
5	87	0193	87021000	1.491	25.69552	80.32028		SR-878, 0.2 MI W SR 826, DADE CO.
4	94	0195	94030000	16.308	27.39156	80.46052		SR 70 ,1.18 MI E OF CR 609-A, ST LUCIE CO
5	77	0197	77120000	6.626	28.69801	81.36682		SR-434,1.6 MI E OF I-4,SEMINOLE CO.
4	93	0198	93220000	13.463	26.50747	80.07444		SR9/195,@SW 23RD AVE O/P,1.5 M S OF SR804,PALM BCH
7	14	0199	14030000	4.416	28.23501	82.72819		SR-55/US-19,1.4 MI N SR-54,NEWPORT RICHEY,PASCO CO

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2	32	0202		32040000	6.375	30.60243	83.01515	SR-100/US-129,0.5 MI N OF CR-150,HAMILTON CO.
1	12	0203		12005000	4.182	26.60551	81.8265	SR-884,1.6 MI W OF I-75,LEE CO.
5	75	0204		75002000	10.71	28.45178	81.30261	SR-528/BEE LINE EXPWY,2.26 MI W OF SR-15,ORANGE CO.
3	55	0207		55110000	2.494	30.49387	84.27711	SR-155/MERIDIAN RD, @I-10, TALLAHASSEE, LEON CO.
3	55	0211		55070000	12.029	30.43976	84.47626	SR-20,BTWN COES & WILLIAMS LANDING RDS,LEON CO.
4	86	0214		86130000	3.393	26.23112	80.16312	SR 814/ATLANTIC BLV - 0.1 MI E OF 30 AV,BROWARD CO
4	86	0215		86050000	10.087	26.23361	80.09102	SR-A1A,0.1 MI N OF SR-814/ATLANTIC BLVD,BROWARD CO
2	72	0216		72002000	6.759	30.40294	81.56457	SR-9A,0.7 MI S OF SR-105/HECKSCHER RD,DUVAL CO.
4	93	0217		93220000	41.236	26.53677	80.80778	SR-9/I-95,0.8 MI N OF DONALD ROSS RD,PALM BEACH CO
3	53	0218		53002000	4.304	30.75556	85.36099	SR-8/I-10,1 MI E OF US-231,JACKSON CO.
3	57	0219		57050000	2.064	30.55506	86.49924	SR-85,1.9 MI N SR-20,2.2 MI S SR-123,OKALOOSA CO.
3	50	0220		50001000	23.934	30.53105	84.54609	SR-8/I-10,250' W OF CR-268 OVERPASS,GADSDEN CO.
5	97	0223	T	70471000	3.68	28.49352	80.84429	SR-407, 0.7 MI SOUTHWEST OF I-95, BREVARD CO.
1	17	0225		17075000	35.362	27.28356	82.44903	SR-93/I-75,0.7 MI N SR72@PROCTOR RD OP,SARASOTA CO
6	90	0227		90020000	25.053	24.66961	81.3713	SR-5/US-1,200' NE NORTH PINE CHANNEL BRG,MONROE CO
1	01	0228		01050000	11.605	26.96232	82.2113	SR-776,427' SW OF RIVERBEACH DR,CHARLOTTE CO.
1	09	0229		09140000	7.506	27.41596	81.44515	SR-66,430' E OF SPARTA ROAD,HIGHLANDS CO.
1	16	0230		16070000	17.151	28.22139	81.82031	SR-33,0.057 MI SOUTH OF FUSSEL ROAD,POLK CO.
2	26	0231		26030000	11.07	29.61408	82.591	SR-45/US-27,0.26 MI N OF SW 46TH AVE,ALACHUA CO.
2	27	0232		27030000	16.355	30.36155	82.13393	SR-121,240' SOUTH OF STATE LINE,BAKER CO.
2	71	0233		71070000	.124	30.04425	81.89352	SR-21,0.124 MI NORTH OF CR-215,CLAY CO.
2	30	0234		30030000	29.447	29.68789	82.98414	SR-349,0.1 MI NORTH OF FOREST HILLS RD,DIXIE CO.
2	72	0235		72140000	12.125	30.34464	81.95345	SR-200/US-301,1.45 MI S OF NASSAU CO. LN,DUVAL CO.
2	72	0236		72260000	4.1	30.44534	81.41553	SR-A1A,NORTH OF FT GEORGE RIVER,DUVAL CO.
2	33	0237		33040000	9.185	29.94474	83.2634	SR-51,1.3 MILES NORTH OF CR-357,LAFAYETTE CO.
2	37	0238		37120000	16.741	30.31177	82.93361	SR-8/I-10,0.15 MI WEST OF CR-136,SUWANNEE CO.
2	34	0239		34070000	10.012	29.23901	82.93227	SR-24,0.6 MILES EAST OF SR-345,LEVY CO.
2	76	0240		76050000	16.309	29.62687	81.79641	SR-20,0.4 MI EAST OF ROWLAND ROAD,PUTNAM CO.
2	37	0241		37040000	13.05	30.14375	82.95162	SR-249/US-129,300' N OLD ALIGN RD,SUWANNEE CO.
2	37	0242		37080000	1.88	29.96916	82.90012	SR-247,1.3 MI N SR-249/US-129,BRANFORD,SUWANNEE CO
3	48	0243		48130000	21.193	30.97937	87.4907	SR-97,1.3 MI S OF ALABAMA STATE LINE,ESCAMBIA CO.
3	54	0245		54060000	4.163	30.40888	84.0207	

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								SR 59 1150' NORTH OF SR 20 (US 27), JEFFERSON CO
5	11	0246		11110000	2.125	28.85303	81.65046	SR-44,720' EAST OF CR-44,LAKE CO.
3	53	0247		53060000	11.537	30.98257	85.48675	SR 77, 0.35 MILES SOUTH OF PRIMROSE LN, JACKSON CO
3	53	0248		53070000	29.985	30.97592	85.05225	SR-2,575' WEST OF EDEN ROAD,JACKSON CO.
5	36	0249		36004000	6.079	29.14724	82.06969	SR-464,140' EAST OF 47TH AVENUE,OCALA,MARION CO.
3	57	0250		57130000	1.665	30.4642	86.62036	SR-189,1.6 MI N OF SR-188/US- 98,OKALOOSA CO.
3	58	0251		58010000	27.032	30.69357	86.80592	SR-10/US-90,0.9 MI W OKALOOSA CO LN,SANTA ROSA CO.
3	59	0252		59100000	1.611	30.28718	84.4005	SR 267 150' SOUTH OF FORREST ROAD 313, WAKULLA CO.
3	61	0253		61040000	17.993	30.6062	85.72757	SR 79, 443' SOUTH OF SPOOL MILL RD, WASHINGTON CO.
3	61	0254		61080000	19.337	30.6858	85.56816	SR 77, 406' NORTH OF LONNIE ROAD, WASHINGTON CO.
4	86	0255		86028000	6.461	26.27473	80.14619	SR834/SAMPLE RD,.35 M E OF POWERLINE RD,BROWARD CO
4	86	0256		86015000	4.444	26.06478	80.24209	SR-818/GRIFFIN RD,135' W OF SW 72 AVE,BROWARD CO.
6	87	0258		87034000	4.291	25.9187	80.1876	SR-915/NE 6TH AV,220' S OF NE 157TH ST,DADE CO.
4	89	0259		89040000	6.46	27.23392	80.18591	SR A1A - 0.06 MI N OF OCEAN VIEW, MARTIN CO
4	94	0260		94001000	17.065	27.43967	80.39039	SR 9/I-95-0.6 MI S OF SR 68/ORANGE AV,ST LUCIE CO
3	58	0261		58030000	.051	30.37316	87.17698	SR-30/US-98,267' E PENSACOLA BAY BR,SANTA ROSA CO.
5	11	0262		11100000	6.32	28.94965	81.65763	SR-19,1.2 MI N OF CR-42E,68' N OF PALM ST,LAKE CO.
5	73	0263		73010000	3.29	29.38624	81.18876	SR-5/US-1,1.3 MI N OF CR- 202,FLAGLER CO.
5	36	0264		36080000	5.135	29.21148	82.0649	SR-40,566'E OF NE 24TH ST,OCALA,MARION CO.
5	92	0265		92090000	12.519	28.30447	81.45019	ON US-192,0.2 MI E OF YATES RD,OSCEOLA CO.
6	97	0267	T	87471000	28.614	25.8021	80.38624	HEFT/SR-821, N OF NW 25TH ST/SR-836
2	29	0269		29170000	7.969	30.24551	82.66734	SR-8/I-10,0.45 MI E OF US-41,LAKE CITY,COLUMBIA CO
1	03	0270		03040000	16.331	25.86463	81.1106	SR-90/US-41,0.7 MI W OF CR- 94,COLLIER CO.
1	04	0271		04060000	10.042	27.21808	81.90134	SR-72,600' WEST OF CR-661,DESOTO CO.
1	05	0272		05020000	.904	26.84687	81.12293	SR-78,0.9 MI NORTH OF US-27,GLADES CO.
1	12	0273		12090000	3.842	26.7574	81.76104	SR-31,202' NORTH OF FOXHILL ROAD,LEE CO.
1	16	0274		16250000	20.847	27.93313	81.97428	SR-37,0.4 MI S OF SHEPPARD RD,LAKELAND,POLK CO.
1	16	0275		16140000	8.733	28.07847	81.66711	SR-544,0.24 MI W CR-544/OLD LUCERNE PK RD,POLK CO.
7	10	0276		10120000	9.712	27.71231	82.27562	SR-674,686' W OF BALM WIMAUMA RD,HILLSBOROUGH CO.
2	32	0277		32050000	6.737	30.49021	83.13253	SR-6,0.4 MI EAST OF BURHAM CHURCH RD,HAMILTON CO.
2	34	0278		34010000	20.158	29.46761	82.67087	SR-55/US-27A,158' SE OF CR- 339A,LEVY CO.
2	35	0279		35010000	19.491	30.47046	83.42297	SR-10/US-90,47' E OF SUMANTRA DRIVE,MADISON CO.

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2	38	0280	38090000	1.267	30.14395	83.95412	SR-30/US-98,1.25 MI E OF AUCILLA RIVER,TAYLOR CO.
3	50	0281	50140000	8.285	30.69801	84.62463	SR-267,0.21 MI S OF GEORGIA STATE LINE,GADSDEN CO.
3	48	0282	48012000	5.151	30.47531	87.21795	SR-296,320' E SPRINGHILL DR,PENSACOLA,ESCAMBIA CO.
7	08	0283	08020000	8.094	28.53073	82.56778	SR-55/US-19,0.75 MI N OF SR-50/CORTEZ BLV,HERNANDO CO
5	70	0284	70060000	11.01	28.00605	80.52847	SR-A1A,360' NORTH OF COVE ROAD,BREVARD CO.
3	58	0285	58060000	17.352	30.89257	87.16548	SR-89,1270' SOUTH OF CR-164,SANTA ROSA CO.
2	29	0286	29070000	4.262	30.20721	82.6373	SR-47/US-441,0.1 MI S CR-25A,@WEIGH ST,COLUMBIA CO
4	89	0289	89060000	21.138	27.06025	80.30348	SR 76 / KANNER HWY - 3 MI W OF CR 711/MARTIN CO
4	88	0291	88070000	21.879	27.8518	80.4441	SR A1A-0.5 MI S SEBASTIAN INLET BR INDIAN RIVER CO
5	73	0292	73001000	9.675	29.53694	81.20716	SR-9/I-95,1.4 MI S OF PALM COAST PKWY,FLAGLER CO.
7	08	0294	08010000	10.695	28.56119	82.37732	SR-45/US-41,N OF CR-485/MONDON HILL RD,HERNANDO CO
7	15	0295	15150000	6.566	27.80172	82.67938	SR-55/US-19,230' N OF 36TH AV,ST PETE,PINELLAS CO.
3	59	0296	59020000	3.141	30.22057	84.36242	SR 369 (US 319) 3 MI SOUTH OF SR 267, WAKULLA CO.
2	29	0297	29020000	2.125	29.89419	82.7281	SR-47,2.2 MI S OF SR-20/US-27,COLUMBIA CO.
4	86	0298	86100000	18.801	26.24335	80.2013	SR7/US441,.1 MI S OF COCONUT CREEK PKWY,BROWARD CO
5	77	0299	77040000	5.291	28.78708	81.18714	SR-46,0.4 MI W OF ST. JOHNS RIVER BRG,SEMINOLE CO.
3	55	0300	55040000	2.185	30.30531	84.24552	SR-363/WOODVILLE HWY,728' N OF FILMORE,LEON CO.
3	56	0301	56020000	28.092	30.49681	84.89155	SR-12,1.7 MI S OF GADSDEN COUNTY LINE,LIBERTY CO.
7	15	0302	15030000	4.694	27.91635	82.71111	SR-686,200' W OF CR-595/AVALON AVE.,PINELLAS CO.
3	55	0304	55320000	8.03	30.49693	84.2691	SR-8/I-10,1 MI W OF THOMASVILLE RD U/P,LEON CO.
3	46	0305	46010100	.923	30.18786	85.74834	SR-30/US-98,250' WEST OF HATHAWAY BRIDGE,BAY CO.
4	86	0306	86040000	19.556	26.012032	80.121577	SR-820/HOLLYWOOD BLVD,300' W OF 8 AVE,BROWARD CO.
3	46	0308	46060000	3.433	30.20727	85.64941	SR-77,1865' NORTH OF BALDWIN ROAD,BAY CO.
1	16	0310	16180000	20.543	28.18484	81.63965	SR-25/US-27,280' S OF S HOLLY HILL TANK RD,POLK CO
2	78	0311	78010000	14.276	29.85497	81.32262	SR-5/US-1,0.3 MI N OF LEWIS POINT RD,ST JOHNS CO.
3	54	0312	54020000	10.625	30.4082	83.90142	SR 20/US 27,.665 MI E OF SR 57/US 19,JEFFERSON CO.
3	51	0313	51020000	5.15	29.86154	85.24352	SR-71,0.5 MI NORTH OF CR-382,GULF CO.
4	88	0314	88010000	5.439	27.63346	80.3893	SR-5/US-1,N. OF 17TH ST,VERO BCH,,INDIAN RIVER CO.
3	46	0315	46040000	.458	30.1655	85.66035	SR-75/US-231,190' S OF 10TH ST,PANAMA CITY,BAY CO.
3	51	0316	51070000	7.565	29.77662	85.27618	SR-30/US-98,0.2 MI E OF CR-30A,PORT ST JOE,GULF CO
5	36	0317	36210000	12.16	29.1242	82.1852	I-75, 0.23 MI N OF WILLIAMS RD/SW 66TH ST O/P, MARION CO.

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3	57	0318	57002000	11.254	30.71685	86.61029	SR-8/I-10,@ANTIOCH RD O/P,OKALOOSA CO.
1	16	0319	16030000	1.667	27.67047	81.82202	SR-35/US-17,0.3 MI N OF BILL BRYAN RD,POLK CO.
2	29	0320	29180000	22.364	30.21925	82.7093	SR-93/I-75,BETWEEN I-10 AND US- 90,COLUMBIA CO.
7	10	0321	10290000	1.288	28.05426	82.43835	SR-582/FOWLER AV,1450' E OF 15TH ST,TAMPA,HILLS CO
5	70	0322	70225000	25.8	28.71535	80.88965	SR-9/I-95,0.9 MI S OF AURANTIA RD U/P,BREVARD CO.
2	26	0323	26250000	1.347	29.62333	82.37274	SR-121/34TH ST,1000' SOUTH OF SR- 24,ALACHUA CO.
7	02	0324	02050000	7.127	28.85185	82.49094	SR-44,0.2 MI WEST OF CR-491,CITRUS CO.
3	48	0325	48110000	.991	30.39978	87.42242	SR30/US98,1 MI E OF ALABAMA STATE LINE,ESCAMBIA CO
1	09	0327	09010000	9.467	27.16947	81.3288	SR-25/US-27,2.7 MI SOUTH OF SR- 70,HIGHLANDS CO.
3	47	0328	47020000	2.089	30.23029	85.20604	SR-71,0.4 MI SOUTH OF SR- 73,CALHOUN CO.
2	78	0329	78040000	13.213	29.85296	81.27895	SR-A1A,531' S OF 16TH ST,ST AUGUSTINE,ST JOHNS CO.
3	58	0330	58080000	23.29	30.85991	86.88602	SR-4,0.7 MI WEST OF CR-191,SANTA ROSA CO.
4	86	0331	86070000	1.072	25.98753	80.16508	SR9/I95,.1 MI N OF SR858/HALLANDALE BCH BLV,BROWARD
4	89	0332	89015000	1.085	27.21471	80.26044	SR5/US1,@ N END OF ROOSEVELT BRG.,STUART,MARTIN CO
1	13	0333	13160000	4.149	27.44571	82.4793	SR-70,1.3 MI W OF I-75,BRADENTON,MANATEE CO.
4	89	0334	89095000	24.714	27.20464	80.40018	SR 9 / I-95 - 0.1 MI S ST. LUCIE CO, MARTIN CO
5	73	0335	73020000	5.293	29.4765	81.17428	SR-100,1500' E OF OLD KINGS ROAD,FLAGLER CO.
3	47	0337	47020000	28.137	30.51293	85.1227	SR-71,.4 MI N OF JIM GODWIN,BLOUNTSTOWN,CALHOUN CO.
5	77	0343	77160000	5.135	28.7154	81.37748	SR-400/I-4,1.6 MI E OF SR- 434,SEMINOLE CO.
3	61	0344	61010000	15.616	30.7762	85.5781	SR-10/US 90,0.6 MILE WEST OF SR- 277,WASHINGTON CO.
5	70	0345	70012000	2.895	28.04041	80.62184	SR-507/BABCOCK,.4 MI N CR- 516,MELBOURNE,BREVARD CO
3	48	0348	48060000	15.984	30.94705	87.28587	SR-95/US-29,450' N OF CHURCH ROAD,ESCAMBIA CO.
3	55	0349	55050000	14.2	30.62344	84.1703	SR-61/US-319,4.1 MI S OF GEORGIA STATE LN,LEON CO.
1	01	0350	01075000	13.423	26.9169	82.01186	SR-93/I-75,@AIRPORT RD OP,PUNTA GORDA,CHARLOTTE CO
1	03	0351	03175000	41.52	26.15312	81.54368	SR-93/I-75,W OF EVERGLADES BLVD,COLLIER CO.
3	57	0356	57060000	12.4	30.91501	86.48605	SR-85,0.757 MI S OF CR-2,LAUREL HILL,OKALOOSA CO.
4	86	0357	86075000	20.2	26.14585	80.48102	SR93/I75,2 MI W OF US27,.6 MI W OF TOLL,BROWARD CO
5	18	0358	18130000	8.16	28.67479	82.13852	SR-93/I-75,0.5 MI N OF SR-48 O/ P,BUSHNELL,SUMTER CO
3	46	0359	46040000	29.32	30.49385	85.41586	US231,0.250MI. N. HARRINGTON RD, FOUNTAIN, BAY CO
2	78	0360	78070000	15.058	30.10387	81.62707	SR-13,0.276 MI. S OF DAVIS POND RD.,ST. JOHNS CO.
4	86	0362	86075000	.785	25.96797	80.35183	

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								SR-93/I-75, 0.78 MI N OF DADE CO/L, BROWARD CO.
3	52	0364		52050000	30.03	30.96481	85.59687	SR-2, 0.97 MI W OF CR-173, HOLMES CO
3	47	0365		47030000	8.635	30.57114	85.02185	SR-69, 1.4 MI N OF JODY FIELD RD, SELMAN, CALHOUN CO
3	60	0366		60002000	10.234	30.7409	86.22705	SR-8/I-10, 1.3 MI W OF BOY SCOUT RD, WALTON CO.
1	01	0367		01010000	4.601	26.82745	81.96852	SR-45/US-41, 4.6 MI N OF LEE CO LINE, CHARLOTTE CO.
3	48	0368		48270000	3.417	30.46193	87.22534	I-110, 0.6 MI S OF BRENT LN, PENSACOLA, ESCAMBIA CO.
3	49	0369		49060000	.223	29.76077	84.83313	SR65, 0.22 MI NORTH OF US98/319
5	70	0370		70070000	5.962	28.40169	80.74454	SR-528, 0.502 MI. E OF US-1 (UCLP)
3	55	0371	N	55320000	8.027	30.49652	84.26787	I-10 1mi westt of Thomasville Road, Test Site Near Site 55-0304
6	10	0372		10150000	8.005	27.99637	82.53009	SR-580, 0.36 MI E OF HOOVER BLVD, TAMPA, HILLSBOROUGH CO
7	10	0373		10060000	23.045	27.91558	82.40171	US-41, 0.5 MI S OF SR-676/CAUSEWAY BLVD, TAMPA, HILLS CO
4	89	0374		89010000	1.93	26.99734	80.09726	SR-5/US-1, 1.9 MI N OF PALM BEACH CO LINE, MARTIN CO
3	54	0375		54001000	17.712	30.45142	83.75296	I-10 EAST OF CR-257, JEFFERSON COUNTY
3	55	0376		55003000	1.225	30.37544	84.24942	TEST SITE SR-261/US-319. 1.2 MI E OF SR-363
7	15	0378		15070000	3.147	28.01921	82.73976	SR-580/MAIN ST, W OF US-19/SR-55
7	14	0379		14091000	3.091	28.19209	82.38001	SR-56 E OF I-75
4	86	0380		86095000	4.709	26.100603	80.257677	I-595, 0.5 MI E OF SR-817
4	86	0381		86095900	5.521	26.100964	80.257568	I-595 EXPRESS, 0.5 MI E OF SR-817
6	87	0382		87059000	.975	25.77508	80.17177	SR 887 - PORT TUNNEL
6	87	0383		87120000	1.666	25.76088	80.454748	SR-90/US-41/SW 8TH ST, 0.36 MI. W OF SW 157TH AV, DADE COUNTY
4	86	0384		86200000	3.068	25.98521	80.15536	SR 858/HALLANDALE BCH BLVD 0.5 MI. E. I-95, BROWARD COUNTY
3	57	0385		57030000	15.417	30.39218	86.54577	SR-30/US-98, 3.3 MILES EAST OF BROOKS BRIDGE, FT. WALTON BEACH, OKALOOSA COUNTY
3	57	0386		57030000	18.644	30.39127	86.49139	SR 30/US-98, 300' W OF CR-30C /BCH DR
7	15	0387		15150000	29.511	28.12077	82.73999	SR-55/US-19, SOUTH OF C-79/KLOSTERMAN RD
7	10	0388		10020000	4.578	28.01532	82.45962	SR-685/BUS US-41/N FLORIDA AVE, SOUTH OF BROAD ST
7	14	0389		14090000	2.786	28.18578	82.4215	SR 54, 0.38 MILES EAST OF LIVINGSTON RD
7	10	0390		10075000	24.22	27.95831	82.32691	SR-93/I-75. NORTH OF SR-60
7	97	0391	T	10470000	8.102	28.07022	82.56483	VETERAN'S EXPWY/SR-589 M/L, N OF ROCKY CREEK II BRIDGE
3	58	0398		58050000	4.412	30.68388	87.05378	SR-87, 180' NORTH OF BASS LANE, MILTON
4	97	0403	T	86470000	2.055	25.99943	80.21988	SR-91, N OF PEMBROKE RD/SR-824
7	97	0406	T	08470000	4.319	28.49269	82.48064	SUNCOAST PKWY/SR-589, N OF POWELL RD/CR572
1	97	0407	T	16470000	4.793	27.99713	81.98791	POLK PKWY/SR-570, BTWN WARING RD AND HARDEN BLVD/SR-563
4	97	0413	T	93470000	9.428	26.4648	80.17444	SR-91, N OF ATLANTIC AVE/SR-806
4	97	0416	T	93470000	35.901	26.83866	80.12977	SR-91, S OF PGA BLVD/SR-786
4	97	0417	T	93470000	42.857	26.93515	80.15371	SR-91, S OF INDIANTOWN RD/SR-706
4	97	0421	T	94470000	15.612	27.41963	80.40674	SR-91, N OF OKEECHOBEE RD/SR-70

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5	97	0428	T	11470000	7.72	28.62224	81.75212	SR-91, SE OF CR561
6	97	0430	T	87471000	3.607	25.48174	80.43319	HEFT/SR-821, N OF CAMPBELL RD/SW 312TH ST
5	11	0438		11200000	15.2	28.4255	81.70949	US-27, 8.8 MI S OF SR-50, LAKE COUNTY
5	36	0445		36100000	13.414	29.134314	82.201102	SR-200, 1.487 MI SW OF I-75
7	10	0446		10010000	15.431	27.853273	82.326521	SR 43/US 301, S OF GIBSONTOWN DR.
7	10	0447		10030000	4.226	27.996355	82.382096	SR 600/US92/E HILLSBOROUGH AVE, EAST OF HARNEY RD.
7	10	0448		10130000	11.077	27.987266	82.505146	SR 600/US92/DALE MABRY, NORTH OF SR 574/MLK BLVD.
7	10	0449		10010000	20.99	27.925881	82.35058	SR 43/US 301, S OF SR 618/CROSSTOWN EXPWY.
7	10	0450		10110000	11.301	27.93786	82.25511	SR 60, WEST OF VALRICO RD.
7	10	0451		10150000	2.697	28.01417	82.61363	SR 580/HILLSBOROUGH AVE, EAST OF PISTOL RANGE RD
7	10	0452		10160000	9.374	28.130893	82.502233	SR 597/DALE MABRY HWY N, N OF VAN DYKE RD
7	97	0453	T	10470000	3.101	28.01128	82.54554	VETERANS EXPWY/SR-589 M/L, N OF JOHNS RD BRIDGE
2	38	0454		38010000	5.38	29.8407	83.37045	US-19, 5.07 MI N OF CR-51, TAYLOR COUNTY
3	56	0455		56040000	28.169	30.36819	84.81399	SR-65, TELOGIA
3	60	0456		60040000	14.684	30.56221	86.10663	US-331, 5.03 MI N OF SR-20, WALTON COUNTY
5	11	0457		11000098	4.92	28.6084	81.72166	N HANCOCK, MONTVERDE
7	15	0460		15040000	1.69	27.96086	82.77249	SR-60
7	10	0461		10310000	3.397	28.03307	82.45003	SR-580/BUSCH BLVD. E/O SR-45/US-41/NEBRASKA AVE
7	10	0462		10140000	7.842	27.5815	82.31658	SR-616/Spruce Street, West of Westshore Blvd.
7	08	0463		08040000	5.68	28.533606	82.482079	SR-50/CORTEZ BLVD, WEST OF SUNCOAST PARKWAY
7	10	0464		10040000	4.374	28.01126	82.45115	SR-45/US-41/N NEBRASKA AVE NORTH OF SLIGH AVE
3	55	9900	N	55003000	1.226	30.37544	84.24942	CAPITAL CIRCLE - TEST SITE
2	35	9902		35090000	24.61	30.38871	83.32658	I-10, 1.81 MI EAST OF CR-53, MADISON COUNTY
2	26	9904		26260000	4.927	29.54332	82.3321	SR-93/I-75, 2 MI N OF WACAHOOTA ROAD OP, ALACHUA CO.
2	72	9905		72280000	2.77	30.13464	81.53441	SR-9/I-95, 2.5 MI S OF I-295 S INTERCHANGE, DUVAL CO.
5	79	9906	N	79110000	4.678	28.8875	81.27905	ON I-4, 169' E OF ENTERPRISE RD O/P, VOLUSIA CO.
3	46	9907		46040000	22.531	30.39721	85.43494	SR-75/US-231, 2.9 MI S OF SR-20, YOUNGSTOWN, BAY CO.
2	34	9909		34010000	3.184	29.55195	82.90068	SR-55/US-19, 2 MI S OF SR-26, CHIEFLAND, LEVY CO.
4	97	9913	T	94470000	2.933	27.24645	80.34639	SR-91, N OF BECKER RD
2	72	9914		72001000	23.567	30.35666	81.76062	SR-9A/I-295, 3 MI N OF I-10, JACKSONVILLE, DUVAL CO.
3	48	9916		48040000	9.399	30.54356	87.28171	SR-95/US-29, 0.8 MI N OF US-90A, ESCAMBIA CO.
1	07	9918		07030000	10.618	26.75402	81.05527	SR-25&80/US-27, 1.6 MI EAST OF SR-80, HENDRY CO.
5	70	9919		70220000	39.08	28.32957	80.77445	SR-9/I-95, 2 MI S OF SR-520, COCOA, BREVARD CO.
5	18	9920		18130000	17.589	28.80083	82.08849	SR-93/I-75, 3.5 MI S OF FL TPK, SUMTER CO.
2	74	9923		74160000	5.571	30.65501	81.66265	SR-9/I-95, 2.5 MI N OF HWY A1A, JAX., NASSAU CO.

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5	79	9925			79060000	6.903	29.10404	81.20973	US-92,0.25 MI E OF CLARKS BAY RD,VOLUSIA CO
1	16	9927			16100000	.816	28.05314	82.00487	SR-546/MEMORIAL BLV,0.75 MI E I-4,LAKELAND,POLK CO
5	79	9929			79010000	11.126	28.932	80.87713	SR-5/US-1,0.25 MI N OF RIO GRANDE RD,VOLUSIA CO.
5	97	9931	T		18470000	3.379	28.79909	81.99811	SR-91, S OF CR468
4	97	9933	T		86472000	4.258	26.17933	80.30672	SAWGRASS EXPWY/SR-869, N OF OAKLAND PARK BLVD/SR-816
6	97	9934	T	N	87471000	36.09	25.91205	80.38156	HEFT/SR-821, N OF US-27/OKEECHOBEE RD
2	29	9936			29170000	17.17	30.25178	82.51512	SR-8/I-10,@CR-250 OVERPASS,LAKE CITY,COLUMBIA CO.
3	50	9940			50080000	13.079	30.55474	84.59297	SR-267,1 MI N OF I-10,QUINCY,GADSDEN CO.
3	53	9943			53020000	12.386	30.71949	85.03963	SR-10/US-90,1.1 MI W OF SR-69,CYPRESS,JACKSON CO.
6	87	9947			87090000	8.1	25.87349	80.3491	US-27, 2.1 MILES N OF PALMETTO EXPWY, MIAMI-DADE CO
1	16	9948			16170000	17.539	27.87893	81.59732	SR-25/US-27,0.8 MI S OF SR-60,S OF OWENS RD, POLK CO
3	48	9949			48260000	8.7	30.50989	87.29086	I-10, 1.6 MI E OF SR-297, ESCAMBIA CO.
1	03	9950			03175000	61.558	26.28762	81.74264	I-75, 1.25 MI N OF CR-846/IMMOKALEE RD, NAPLES
1	16	9951			16320000	17.789	28.15774	81.81207	I-4, 0.6 MI W OF SR-559, POLK CO
4	93	9952			93220000	42.741	26.91493	80.14379	I-95 WIM, 2.4 MI N OF DONALD ROSS RD
7	10	9953			10075000	19.073	27.88915	82.34525	I-75 S OF SR-43/US-301 INTERCHANGE - HILLSBOROUGH COUNTY
7	10	9955			10320000	13.076	28.13405	82.41405	SR-93/I-275, 3 MI S OF I-75, HILLS CO.
2	32	9956			32100000	19.696	30.53374	83.07002	I-75 NORTH OF SR-6, JASPER
3	53	9957			53060000	5.205	30.90502	85.5221	SR - 77, SOUTH OF GRACEVILLE
3	60	9958			60002000	19.186	30.69169	86.09558	SR-8/I-10, 50' WEST OF CR-280A OVERPASS, WALTON CO
3	60	9959			60060000	21.435	30.99228	86.3092	SR-187/US-331, AT THE ALABAMA STATE LINE, WALTON CO.
5	75	9960			75002000	29.641	28.45234	80.99206	ORANGE COUNTY BEACHLINE
5	97	9961	T		92471000	33.446	28.25513	81.33073	SR-91, S OF NEPTUNE RD/CR525
7	10	9962			10190000	23.689	28.02784	82.20347	SR-400/I-4, UNDER BETHLEHAM RD O/P, HILLSBOROUGH CO.
2	28	9963			28010000	.06	29.84048	82.16257	SR-200/US-301,300' N OF SANTA FE RIV BR,BRADFORD CO
4	93	9964			93290000	3.064	26.71523	80.68418	SR-715,0.7 MI. S. OF HOOKER HWY.,PALM BEACH CO.
4	93	9965			93160000	22.815	26.61676	80.71219	SR-25/US-27,0.46 MI. N. OF CR-827,PALM BEACH CO.
5	97	9966	T	N	70471000	3.68	28.49352	80.84429	SR-407, 0.7 MI SW of I-95, Brevard County
1	17	9967		N	17075000	12.796	27.09999	82.23238	I-75, @ Ponce De Leon Blvd OP, Sarasota Co.
3	61	9968			61001000	19.367	30.7462	85.51048	SR-8/I-10 AT CR-273, SE OF CHIPLEY, WASHINGTON CO.
2	72	9969			72250000	5.021	30.41533	81.59181	SR-105 / ZOO PKWY 1.64 MI W/O I-295

APPENDIX B
MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS:

CAS NAME AND NO:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

MANUFACTURER'S NAME & ADDRESS:

EMERGENCY TELEPHONE NUMBER:

Section II – HAZARDOUS INGREDIENTS

COMPONENT % (WT OR VOL) ACCIH TWA ACCIH STEL OSHA PEL

Section III – HAZARDOUS INGREDIENTS

APPEARANCE AND ODOR:

MOLECULAR WEIGHT:

BOILING POINT (°F):

MELTING POINT (°F):

VAPOR PRESSURE (mmHg):

SPECIFIC GRAVITY (water=1):

VAPOR DENSITY (air=1):

PERCENT VOLATILE (by weight):

pH:

SOLUBILITY IN WATER:

EVAPORATION RATE (Butyl Acetate=1):

Section IV – FIRE AND EXPLOSION DATA

FLASH POINT:

FIRE EXTINGUISHING MEDIA:

FLAMMABLE LIMITS (% by volume):

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT:

Section V – REACTIVE DATA

STABILITY:

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION:

Section VI – HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:

PROBABLE ROUTES OF EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

 INGESTION:

 INHALATION:

 EYE CONTACT:

 SKIN CONTACT:

Section VII – TOXCITY DATA

ORAL:

DERMAL:

INHALATION:

MSDS

CARCINOGENICITY:

OTHER PERTINENT DATA:

Section VIII – SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

PROTECTIVE GLOVES:

EYE PROTECTION:

RESPIRATORY PROTECTION:

OTHER PROTECTIVE EQUIPMENT:

VENTILATION:

LOCAL EXHAUST:

MECHANICAL:

SPECIAL:

OTHER:

Section IX – SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WASTE DISPOSAL METHODS:

CLEAN WATER ACT REQUIREMENTS:

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:

Section X – REGULATORY INFORMATION

FDA:

USDA:

CPSC:

TSCA:

DOT:

PROPER SHIPPING NAME:

MSDS

HAZARDOUS CLASS:

LABEL REQUIRED:

IDENTIFICATION NUMBER:

OTHER PERTINENT INFORMATION:

Section XI – Special Precautions and Comments

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECATUIONS:

REGISTRATIONS/CERTIFICATIONS:

EFFECTIVE DATE:

SUPERSEDES:

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Friendly Environmental MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. Friendly Environmental will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

APPENDIX C -TRAFFIC MONITORING INSPECTION SHEET (FDOT)

Date Technician Certified
Speed Counts Classification Weight

Site Unit Latitude Longitude
Speed Limit N / E S / W Warning Sign Installed
Camera Bluetooth Temp Sensor Reading Ohms

Equipment Type NH Number Serial Number
Firmware 2nd NH

Modem Type IP Operational
Firmware IMEI SIM
RSSI RSRP

Number of Lanes Loop Sealant
Sensor Configuration Piezo Sealant
Sensor Mount Loop Length ft. in.
Piezo Type Sensor Spacing ft. in.

Power Number of solar panels Total Wattage
Solar Output Voltage Solar Output Amperage Solar Regulator Output Voltage
Total # of Batteries Battery Voltage (under load) Sun Cond

Mast Type Cabinet Type Cabinet Mount
Universal Harness Backplane

Power
Piezo Sensor
Loop Sensor
Weigh Pad

Lane relation

Lane 1 Lane 5
Lane 2 Lane 6
Lane 3 Lane 7
Lane 4 Lane 8

EXHIBIT "B"

METHOD OF COMPENSATION

1.0 PURPOSE:

This Exhibit defines the limits of compensation to be made to the Vendor for the services set forth in Exhibit "A", Scope of Services, and the method by which payments shall be made.

2.0 ASSIGNMENT OF WORK:

The Department shall request Vendor services on an as-needed basis. A "Task Work Order" (TWO) will be issued by the Department's Project Manager to authorize all work assigned under this contract. The services authorized shall be initiated and completed in accordance with Exhibit "A", Scope of Services, as directed by the Project Manager.

3.0 COMPENSATION:

For the satisfactory performance of services detailed in Exhibit "A", the Vendor shall be paid up to a Maximum Limiting Amount of \$4,900,000.00. It is agreed that this amount will be the limit of all compensation due the Vendor for performance of the services described in Exhibit "A". The Vendor shall not provide services that exceed the maximum limiting amount without an approved Amendment from the Department.

The total amount of this agreement is expected to be funded by multiple appropriations and the State of Florida's performance and obligation to pay under this contract is contingent upon annual appropriation by the Legislature.

The Department shall pay vendor invoices in accordance with the contract requirements. The Vendor shall provide on their invoice the current charges for authorized Task Work Orders.

Currently, \$_____ of the total amount has been approved and encumbered for this contract. Therefore, it is agreed that the vendor will not be obligated to perform services nor incur costs which would result in exceeding the funding currently approved, nor will the Department be obligated to reimburse the Vendor for costs or make payments in excess of currently established funding. The Department will provide written authorization if and when subsequent funding is approved and encumbered for this contract.

4.0 ESTABLISHMENT OF TASK WORK ORDER (TWO) AMOUNT:

For each "Task Work Order" (TWO) the Vendor, following the Scope of Services as set forth in Exhibit "A", shall prepare an estimate of work and price based on the unit prices established in Exhibit "C", and allowable expenses. Once an acceptable Maximum Amount has been agreed upon by the Vendor and the Department's Project Manager, a "Task Work Order" shall be issued by the Project Manager specifying the work to be done, the timeframe, and the maximum dollar amount for the Task Work Order. The Vendor will only be paid for the actual work completed and will not be paid for work in excess of the maximum limiting amount specified in the associated TWO unless an amendment is issued to the TWO prior to the performance of those services. All work authorizations shall be completed within the term of this Agreement.

5.0 DETAILS OF UNIT PRICES:

Details of the Vendor's Unit Prices for the delivery/performance of the items and services set forth in Exhibit "A" are contained in Exhibit "C", attached hereto and made a part hereof. The contract unit prices shall be firm, net, delivered prices, F.O.B. destination, and shall include all charges for packing, handling, freight, distribution, and inside delivery, as well as the costs of salaries, overhead, fringe benefits, operating margin, and any fees or administrative costs related to the items provided and/or the work performed.

Equipment, materials, vehicles, tools, etc. necessary to perform maintenance, locates, parts/equipment replacement, and troubleshooting/diagnostic services are incidental and shall be included in the contract unit prices unless stated otherwise in a TWO. The Vendor will not be allowed a mark-up on the costs of any incidental materials or equipment as those costs are included in the contract unit prices. No additional compensation will be made for preventative and/or routine maintenance activities performed at night.

6.0 PROGRESS PAYMENTS:

The Vendor shall submit monthly invoices (3 copies) in a format acceptable to the Department. For the satisfactory **performance** of the services detailed in each TWO, the Vendor shall be paid up to the Maximum Amount of each Authorization. Payment shall be made, for the items and services provided, at the unit prices specified in Exhibit "C", as approved by the Department.

Payment for expenses shall be made on the basis of actual allowable cost incurred as authorized and approved by the Department. Allowable costs should be task related and not include items normally associated with overhead which is part of the billable rates. **Invoice shall include documentation of hours provided and itemization of costs incurred (including receipts).** Bills for travel expenses authorized by the terms of this Agreement and the Department's Project Manager and shall be submitted in accordance with Section 112.061, Florida Statute.

Invoices shall be submitted to: Florida Department of Transportation
Transportation Data and Analytics Office
605 Suwannee Street, MS 27
Tallahassee, FL 32399-0450

The Vendor has certified that ____% DBE utilization would be achieved for this contract.

If DBE utilization was certified, DBE payments are to be input each month at the following link: <https://www3.dot.state.fl.us/EqualOpportunityOffice/bizweb/>

New users reporting DBE payments will need to contact the FDOT Service Desk at FDOT.ServiceDesk@dot.state.fl.us to get a BizWeb user ID and password to access the application.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
STANDARD WRITTEN AGREEMENT

375-040-19
PROCUREMENT
OGC – 02/21
Page 1 of 10

Agreement No. _____
Financial Project I.D. _____
F.E.I.D. No.: _____
Appropriation Bill Number(s)/Line Item Number(s) for 1st year of
contract, pursuant to s. 216.313, F.S.: _____
(required for contracts in excess of \$5 million)
Procurement No.: DOT-RFP-23-9053-SD
DMS Catalog Class No.: _____

BY THIS AGREEMENT, made and entered into on _____ by and between the
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the "Department" and _____, of _____
duly authorized to conduct business in the State of Florida, hereinafter called "Vendor," hereby agree as follows:

1. SERVICES AND PERFORMANCE

- A. In connection with Statewide Continuous Count Station Installation and Maintenance, the Department does hereby retain the Vendor to furnish certain services, information, and items as described in Exhibit "A," attached hereto and made a part hereof.
- B. Before making any additions or deletions to the work described in this Agreement, and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and shall enter into an Amendment covering such work and compensation. Reference herein to this Agreement shall include any amendment(s).
- C. All tracings, plans, specifications, maps, computer files, and reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived therefrom, shall be the exclusive property of the Department without restriction or limitation on their use and shall be made available, upon request, to the Department at any time during the performance of such services and/or upon completion or termination of this Agreement. Upon delivery to the Department of said document(s), the Department shall become the custodian thereof in accordance with Chapter 119, Florida Statutes. The Vendor shall not copyright any material and products or patent any invention developed under this Agreement. The Department shall have the right to visit the site for inspection of the work and the products of the Vendor at any time.
- D. All final plans, documents, reports, studies, and other data prepared by the Vendor shall bear the professional's seal/signature, in accordance with the applicable Florida Statutes, Administrative Rules promulgated by the Department of Business and Professional Regulation, and guidelines published by the Department, in effect at the time of execution of this Agreement. In the event that changes in the statutes or rules create a conflict with the requirements of published guidelines, requirements of the statutes and rules shall take precedence.
- E. The Vendor agrees to provide project schedule progress reports in a format acceptable to the Department and at intervals established by the Department. The Department shall be entitled at all times to be advised, at its request, as to the status of work being done by the Vendor and of the details thereof. Coordination shall be maintained by the Vendor with representatives of the Department, or of other agencies interested in the project on behalf of the Department. Either party to this Agreement may request and be granted a conference.
- F. All services shall be performed by the Vendor to the satisfaction of the Director who shall decide all questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount of value thereof; and the decision upon all claims, questions, and disputes shall be final and binding upon the parties hereto. Adjustments of compensation and contract time because of any major changes in the work that may become necessary or desirable as the work progresses shall be subject to mutual agreement of the parties, and amendment(s) shall be entered into by the parties in accordance herewith.

Reference herein to the Director shall mean the

Assistant Secretary, Strategic Development

2. TERM

- A. Initial Term. This Agreement shall begin on date of execution and shall remain in full force and effect through completion of all services required or _____, whichever occurs first. Subsequent to the execution of this Agreement by both parties, the services to be rendered by the Vendor shall commence and be completed in accordance with the option selected below. (Select box and indicate date(s) as appropriate):

☐ Services shall commence _____ and shall be completed by _____ or date of termination, whichever occurs first.

☒ Services shall commence upon written notice from the Department's Contract Manager and shall be completed by _____ or date of termination, whichever occurs first.

— Other: See Exhibit "A"

- B. RENEWALS (Select appropriate box):

— This Agreement may not be renewed.

☒ This Agreement may be renewed for a period that may not exceed three (3) years or the term of the original contract, whichever is longer. Renewals are contingent upon satisfactory performance evaluations by the Department and subject to the availability of funds. Costs for renewal may not be charged. Any renewal or extension must be in writing and is subject to the same terms and conditions set forth in this Agreement and any written amendments signed by the parties.

- C. EXTENSIONS. In the event that circumstances arise which make performance by the Vendor impracticable or impossible within the time allowed or which prevent a new contract from being executed, the Department, in its discretion, may grant an extension of this Agreement. Extension of this Agreement must be in writing for a period not to exceed six (6) months and is subject to the same terms and conditions set forth in this Agreement and any written amendments signed by the parties; provided the Department may, in its discretion, grant a proportional increase in the total dollar amount based on the method and rate established herein. There may be only one extension of this Agreement unless the failure to meet the criteria set forth in this Agreement for completion of this Agreement is due to events beyond the control of the Vendor.

It shall be the responsibility of the Vendor to ensure at all times that sufficient time remains in the Project Schedule within which to complete services on the project. In the event there have been delays which would affect the project completion date, the Vendor shall submit a written request to the Department which identifies the reason(s) for the delay and the amount of time related to each reason. The Department shall review the request and make a determination as to granting all or part of the requested extension.

3. COMPENSATION AND PAYMENT

- A. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Chief Financial Officer of the State of Florida under Chapters 215 and 216, Florida Statutes. If the Department determines that the performance of the Vendor is unsatisfactory, the Department shall notify the Vendor of the deficiency to be corrected, which correction shall be made within a time-frame to be specified by the Department. The Vendor shall, within five days after notice from the Department, provide the Department with a corrective action plan describing how the Vendor will address all issues of contract non-performance, unacceptable performance, failure to meet the minimum performance levels, deliverable deficiencies, or contract non-compliance. If the corrective action plan is unacceptable to the Department, the Vendor shall be assessed a non-performance retainage equivalent to 10% of the total invoice amount. The retainage shall be applied to the invoice for the then-current billing period. The retainage shall be withheld until the vendor resolves the deficiency. If the deficiency is subsequently resolved, the Vendor will bill the Department for the retained amount during the next billing period. If the Vendor is unable to resolve the deficiency, the funds retained will be forfeited at the end of the agreement period.

- B. If this Agreement involves units of deliverables, then such units must be received and accepted in writing by the Contract Manager prior to payments.
- C. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper preaudit and postaudit thereof.
- D. The bills for any travel expenses, when authorized by terms of this Agreement and by the Department's Project Manager, shall be submitted on the Department's Travel Form No. 300-000-06 and will be paid in accordance with Section 112.061, F.S and the most current version of the Disbursement Handbook for Employees and Managers.
- E. Vendors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless otherwise specified herein. The Department has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.
- F. If a payment is not available within forty (40) days, a separate interest penalty as established pursuant to Section 215.422, Florida Statutes, shall be due and payable, in addition to the invoice amount, to the Vendor. Interest penalties of less than one (1) dollar shall not be enforced unless the Vendor requests payment. Invoices which have to be returned to a Vendor because of Vendor preparation errors shall result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.
- G. The State of Florida, through the Department of Management Services, has instituted MyFloridaMarketPlace, a statewide eProcurement system. Pursuant to Section 287.057(22), Florida Statutes, all payments shall be assessed a transaction fee of one percent (1%), which the Vendor shall pay to the State. For payments within the State accounting system (FLAIR or its successor), the transaction fee shall, when possible, be automatically deducted from payments to the Vendor. If automatic deduction is not possible, the Vendor shall pay the transaction fee pursuant to Rule 60A-1.031 (2), Florida Administrative Code. By submission of these reports and corresponding payments, Vendor certifies their correctness. All such reports and payments shall be subject to audit by the State or its designee. The Vendor shall receive a credit for any transaction fee paid by the Vendor for the purchase of any item(s) if such item(s) are returned to the Vendor through no fault, act, or omission of the Vendor. Notwithstanding the foregoing, a transaction fee is non-refundable when an item is rejected or returned, or declined, due to the Vendor's failure to perform or comply with specifications or requirements of the Agreement. Failure to comply with these requirements shall constitute grounds for declaring the Vendor in default and recovering procurement costs from the Vendor in addition to all outstanding fees.
VENDORS DELINQUENT IN PAYING TRANSACTION FEES MAY BE EXCLUDED FROM CONDUCTING FUTURE BUSINESS WITH THE STATE.
- H. A vendor ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516.
- I. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for three (3) years after final payment for the work pursuant to this Agreement is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred shall include the Vendor's general accounting records and the project records, together with supporting documents and records of the Vendor and all subcontractors performing work on the project, and all other records of the Vendor and subcontractors considered necessary by the Department for a proper audit of project costs.
- J. The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making

of contracts for periods exceeding one (1) year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years. Accordingly, the Department's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature.

4. INDEMNITY AND PAYMENT FOR CLAIMS

- A. INDEMNITY: To the extent permitted by Florida Law, the Vendor shall indemnify and hold harmless the Department, its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by negligence, recklessness, or intentional wrongful misconduct of the Vendor and persons employed or utilized by the Vendor in the performance of this Agreement.

It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of the Agreement to create in the public or any member thereof, a third party beneficiary hereunder, or to authorize anyone not a party to this Agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Agreement.

PAYMENT FOR CLAIMS: The Vendor guaranties the payment of all just claims for materials, supplies, tools, or labor and other just claims against the Vendor or any subcontractor, in connection with the Agreement. The Department's final acceptance and payment does not release the Vendor's bond until all such claims are paid or released.

- B. LIABILITY INSURANCE. (Select and complete as appropriate):

☐ No general liability insurance is required.

☐ The Vendor shall carry and keep in force during the term of this Agreement, a general liability insurance policy or policies with a company or companies authorized to do business in Florida, affording public liability insurance with a combined bodily injury limits of at least \$_____ per person and \$_____ each occurrence, and property damage insurance of at least \$_____ each occurrence, for the services to be rendered in accordance with this Agreement

☐ The Vendor shall have and maintain during the term of this Agreement, a professional liability insurance policy or policies or an irrevocable letter of credit established pursuant to Chapter 675 and Section 337.106, Florida Statutes, with a company or companies authorized to do business in the State of Florida, affording liability coverage for the professional services to be rendered in accordance with this Agreement in the amount of \$_____.

- C. WORKERS' COMPENSATION. The Vendor shall also carry and keep in force Workers' Compensation insurance as required for the State of Florida under the Workers' Compensation Law.

- D. PERFORMANCE AND PAYMENT BOND. (Select as appropriate):

☐ No Bond is required.

☒ Prior to commencement of any services pursuant to this Agreement and at all times during the term hereof, including renewals and extensions, the Vendor will supply to the Department and keep in force a bond provided by a surety authorized to do business in the State of Florida, payable to the Department and conditioned for the prompt, faithful, and efficient performance of this Agreement according to the terms and conditions hereof and within the time periods specified herein, and for the prompt payment of all persons furnishing labor, materials, equipment, and supplies therefor.

- E. CERTIFICATION.

With respect to any general liability insurance policy required pursuant to this Agreement, all such policies shall be issued by companies licensed to do business in the State of Florida. The Vendor shall provide to the Department certificates showing the required coverage to be in effect with endorsements showing the Department to be an additional insured prior to commencing any work under this Contract. Policies that include Self Insured Retention (SIR) will not be accepted. The certificates and policies shall

provide that in the event of any material change in or cancellation of the policies reflecting the required coverage, thirty days advance notice shall be given to the Department or as provided in accordance with Florida law.

5. COMPLIANCE WITH LAWS

- A. The Vendor shall comply with Chapter 119, Florida Statutes. Specifically, the Vendor shall:
- (1) Keep and maintain public records required by the Department to perform the service.
 - (2) Upon request from the Department's custodian of public records, provide the Department with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 - (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Vendor does not transfer the records to the Department.
 - (4) Upon completion of the Agreement, transfer, at no cost, to the Department, all public records in possession of the Vendor or keep and maintain public records required by the Department to perform the service. If the Vendor transfers all public records to the Department upon completion of the Agreement, the Vendor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Vendor keeps and maintains public records upon completion of the Agreement, the Vendor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Department, upon request from the Department's custodian of public records, in a format that is compatible with the information technology systems of the Department.

Failure by the Vendor to comply with Chapter 119, Florida Statutes, shall be grounds for immediate unilateral cancellation of this Agreement by the Department.

IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE VENDOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Central Office

850-414-5355

COprcustodian@dot.state.fl.us

Office of the General Counsel

Florida Department of Transportation

605 Suwannee Street, MS 58

Tallahassee, Florida 32399-0458

- B. The Vendor agrees that it shall make no statements, press releases or publicity releases concerning this Agreement or its subject matter or otherwise discuss or permit to be disclosed or discussed any of the data or other information obtained or furnished in compliance with this Agreement, or any particulars thereof, during the period of the Agreement, without first notifying the Department's Contract Manager and securing prior written consent. The Vendor also agrees that it shall not publish, copyright, or patent any of the data developed under this Agreement, it being understood that such data or information are works made for hire and the property of the Department.

- C. The Vendor shall comply with all federal, state, and local laws and ordinances applicable to the work or payment for work thereof, and will not discriminate on the grounds of race, color, religion, sex, national origin, age, or disability in the performance of work under this Agreement.
- D. If the Vendor is licensed by the Department of Business and Professional Regulation to perform the services herein contracted, then Section 337.162, Florida Statutes, applies as follows:
- (1) If the Department has knowledge or reason to believe that any person has violated the provisions of state professional licensing laws or rules, it shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. The complaint shall be confidential.
 - (2) Any person who is employed by the Department and who is licensed by the Department of Business and Professional Regulation and who, through the course of the person's employment, has knowledge to believe that any person has violated the provisions of state professional licensing laws or rules shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. Failure to submit a complaint about the violations may be grounds for disciplinary action pursuant to Chapter 455, Florida Statutes, and the state licensing law applicable to that licensee. The complaint shall be confidential.
 - (3) Any complaints submitted to the Department of Business and Professional Regulation are confidential and exempt from Section 119.07(1), Florida Statutes, pursuant to Chapter 455, Florida Statutes, and applicable state law.
- E. The Vendor covenants and agrees that it and its employees and agents shall be bound by the standards of conduct provided in applicable law and applicable rules of the Board of Business and Professional Regulation as they relate to work performed under this Agreement. The Vendor further covenants and agrees that when a former state employee is employed by the Vendor, the Vendor shall require that strict adherence by the former state employee to Sections 112.313 and 112.3185, Florida Statutes, is a condition of employment for said former state employee. These statutes will by reference be made a part of this Agreement as though set forth in full. The Vendor agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed pursuant to this Agreement.
- F. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months following the date of being placed on the convicted vendor list.
- G. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity.
- H. The Department shall consider the employment by any vendor of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If the Vendor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this agreement.
- I. The Vendor agrees to comply with the Title VI Nondiscrimination Contract Provisions, Appendices A and E, available at <http://www.dot.state.fl.us/procurement/index.shtm>, incorporated herein by reference and made a part of this Agreement.
- J. Pursuant to Section 216.347, Florida Statutes, the vendor may not expend any State funds for the purpose of lobbying the Legislature, the judicial branch, or a state agency.

- K Any intellectual property developed as a result of this Agreement will belong to and be the sole property of the State. This provision will survive the termination or expiration of the Agreement.
- L The Vendor agrees to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.

6. TERMINATION AND DEFAULT

- A This Agreement may be canceled by the Department in whole or in part at any time the interest of the Department requires such termination. The Department reserves the right to terminate or cancel this Agreement in the event an assignment be made for the benefit of creditors.
- B If the Department determines that the performance of the Vendor is not satisfactory, the Department shall have the option of (a) immediately terminating the Agreement, or (b) notifying the Vendor of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Agreement will be terminated at the end of such time, or (c) taking whatever action is deemed appropriate by the Department.
- C If the Department requires termination of the Agreement for reasons other than unsatisfactory performance of the Vendor, the Department shall notify the Vendor of such termination, with instructions as to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.
- D If the Agreement is terminated before performance is completed, the Vendor shall be paid only for that work satisfactorily performed for which costs can be substantiated. Such payment, however, may not exceed an amount which is the same percentage of the agreement price as the amount of work satisfactorily completed is a percentage of the total work called for by this Agreement. All work in progress shall become the property of the Department and shall be turned over promptly by the Vendor.
- E A Vendor is ineligible to enter into a contract with the Department for goods or services of any amount if, at the time of entering into such contract, the Vendor is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135, Florida Statutes, also prohibits companies from entering into a contract for goods or services of \$1 million or more that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes. If the Department determines the Vendor submitted a false certification under Section 287.135 of the Florida Statutes, the Department shall either terminate the Contract after it has given the Vendor notice and an opportunity to demonstrate the Department's determination of false certification was in error pursuant to Section 287.135 of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135 of the Florida Statutes are met.

7. ASSIGNMENT AND SUBCONTRACTS

- A The Vendor shall maintain an adequate and competent staff so as to enable the Vendor to timely perform under this Agreement and may associate with it such subcontractors, for the purpose of its services hereunder, without additional cost to the Department, other than those costs within the limits and terms of this Agreement. The Vendor is fully responsible for satisfactory completion of all subcontracted work. The Vendor, however, shall not sublet, assign, or transfer any work under this Agreement to other than subcontractors specified in the proposal, bid, and/or Agreement without the written consent of the Department.
- B Select the appropriate box:
 - ☐ The following provision is not applicable to this Agreement:
 - ☐ The following provision is hereby incorporated in and made a part of this Agreement:
 - ☐ It is expressly understood and agreed that any articles that are the subject of, or required to carry

out this Agreement shall be purchased from a nonprofit agency for the blind or for the severely handicapped that is qualified pursuant to Chapter 413, Florida Statutes, in the same manner and under the same procedures set forth in Section 413.036(1) and (2), Florida Statutes; and for purposes of this Agreement the person, firm, or other business entity (Vendor) carrying out the provisions of this Agreement shall be deemed to be substituted for the state agency (Department) insofar as dealings with such qualified nonprofit agency are concerned. RESPECT of Florida provides governmental agencies within the State of Florida with quality products and services produced by persons with disabilities. Available pricing, products, and delivery schedules may be obtained by contacting:

RESPECT
2475 Apalachee Pkwy
Tallahassee, Florida 32301-4946
Phone: (850)487-1471

— The following provision is hereby incorporated in and made a part of this Agreement:
It is expressly understood and agreed that any articles which are the subject of, or required to carry out this Agreement shall be purchased from the corporation identified under Chapter 946, Florida Statutes, in the same manner and under the procedures set forth in Sections 946.515(2) and (4), Florida Statutes; and for purposes of this Agreement the person, firm, or other business entity (Vendor) carrying out the provisions of this Agreement shall be deemed to be substituted for this agency (Department) insofar as dealings with such corporation are concerned. The "corporation identified" is Prison Rehabilitative Industries and Diversified Enterprises, Inc. (PRIDE). Available pricing, products, and delivery schedules may be obtained by contacting:

PRIDE Enterprises
12425 - 28th Street, North
St. Petersburg, FL 33716-1826 (800)643-8459

- ☒ This Agreement involves the expenditure of federal funds and Section 946.515, Florida Statutes, as noted above, does not apply. However, Appendix I is applicable to all parties and is hereof made a part of this Agreement.

8. MISCELLANEOUS

- A. The Vendor and its employees, agents, representatives, or subcontractors are not employees of the Department and are not entitled to the benefits of State of Florida employees. Except to the extent expressly authorized herein, Vendor and its employees, agents, representatives, or subcontractors are not agents of the Department or the State for any purpose or authority such as to bind or represent the interests thereof, and shall not represent that it is an agent or that it is acting on the behalf of the Department or the State. The Department shall not be bound by any unauthorized acts or conduct of the Vendor or its employees, agents, representatives, or subcontractors. Vendor agrees to include this provision in all its subcontracts under this Agreement.
- B. All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.
- C. This Agreement embodies the whole agreement of the parties. There are no promises, terms, conditions, or obligations other than those contained herein, and this Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto. The State of Florida terms and conditions, whether general or specific, shall take precedence over and supersede any inconsistent or conflicting provision in any attached terms and conditions of the Vendor.
- D. It is understood and agreed by the parties hereto that if any part, term or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the State of Florida, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.

- E. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.
- F. In any legal action related to this Agreement, instituted by either party, the Vendor hereby waives any and all privileges and rights it may have under Chapter 47 and Section 337.19, Florida Statutes, relating to venue, as it now exists or may hereafter be amended, and any and all such privileges and rights it may have under any other statute, rule, or case law, including, but not limited to those grounded on convenience. Any such legal action may be brought in the appropriate Court in the county chosen by the Department and in the event that any such legal action is filed by the Vendor, the Vendor hereby consents to the transfer of venue to the county chosen by the Department upon the Department filing a motion requesting the same.
- G. If this Agreement involves the purchase or maintenance of information technology as defined in Section 282.0041, Florida Statutes, the selected provisions of the attached Appendix II are made a part of this Agreement.
- H. If this Agreement is the result of a formal solicitation (Invitation to Bid, Request for Proposal or Invitation to Negotiate), the Department of Management Services Forms PUR1000 and PUR1001, included in the solicitation, are incorporated herein by reference and made a part of this Agreement.
- I. The Department may grant the Vendor's employees or subconsultants access to the Department's secure networks as part of the project. In the event such employees' or subconsultants' participation in the project is terminated or will be terminated, the Vendor shall notify the Department's project manager no later than the employees' or subconsultants' separation date from participation in the project or immediately upon the Vendor acquiring knowledge of such termination of employees' or subconsultants' participation in the project, whichever occurs later.
- J. Vendor/Contractor:
1. shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and
 2. shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term; and
 3. shall adhere to requirements in section 448.095, Florida Statutes.
- K. Time is of the essence as to each and every obligation under this Agreement.
- L. The following attachments are incorporated and made a part of this agreement:
Exhibit "A" Scope of Services; Exhibit "B" Method of Compensation, Exhibit "C" Price Sheet; Appendix A; Appendix B; Appendix C; Appendix D.
- M. Other Provisions:
DOT-RFP-23-9053-SD, Special Conditions #37: Liquidated Damages is made part of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their duly authorized officers on the day, month and year set forth above.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

Name of Vendor

BY: _____
Authorized Signature

(Print/Type)

Title: _____

BY: _____
Authorized Signature

(Print/Type)

Title: _____

FOR DEPARTMENT USE ONLY

APPROVED: _____

LEGAL REVIEW

EXAMPLE

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

CONTRACT (Purchase Order) # _____

During the performance of this Agreement, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

- A. It is understood and agreed that all rights of the Florida Department of Transportation relating to inspection, review, approval, patents, copyrights, and audit of the work, tracing, plans, specifications, maps, data, and cost records relating to this Agreement shall also be reserved and held by authorized representatives of the United States of America.
- B. It is understood and agreed that, in order to permit federal participation, no supplemental agreement of any nature may be entered into by the parties hereto with regard to the work to be performed hereunder without the approval of U.S. Department of Transportation (hereinafter "USDOT"), not withstanding anything to the contrary in this Agreement.
- C. Compliance with Regulations: The Contractor shall comply with the regulations relative to nondiscrimination in Federally-assisted programs of the USDOT, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- D. Nondiscrimination: The Contractor, with regard to the work performed during the Agreement, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the Agreement covers a program set forth in Appendix B of the Regulations.
- E. Solicitations for Subcontractors, including Procurements of Materials and Equipment: In all solicitations made by the Contractor, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials or leases of equipment; each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Agreement and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- F. Information and Reports: The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
- G. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Agreement, the Florida Department of Transportation shall impose such contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:
 - a. withholding of payments to the Contractor under the Agreement until the Contractor complies, and/or
 - b. cancellation, termination or suspension of the Agreement, in whole or in part.
- H. Incorporation of Provisions: The Contractor shall include the provisions of paragraphs (C) through (I) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. In the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

protect the interests of the United States.

- I. Compliance with Nondiscrimination Statutes and Authorities: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by USDOT regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- J. Interest of Members of Congress: No member of or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or to any benefit arising therefrom.
- K. Interest of Public Officials: No member, officer, or employee of the public body or of a local public body during his tenure or for one year thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof. For purposes of this provision, public body shall include municipalities and other political subdivisions of States; and public corporations, boards, and commissions established under the laws of any State.
- L. Participation by Disadvantaged Business Enterprises ("DBE"): The Contractor shall agree to abide by the following statement from 49 CFR 26.13(b). The statement that follows shall be included in all subsequent agreements between the Contractor and any sub-contractor or contractor:
- "The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate."
- Pursuant to 49 CFR 26.11(c) , the Contractor shall submit the bid opportunity list at the time of contract execution, and shall enter DBE commitment and payment information in the Florida Department of Transportation's Equal Opportunity Compliance (EOC) system. The Contractor shall request access to the EOC system using Form No. 275-021-30.
- M. It is mutually understood and agreed that the willful falsification, distortion or misrepresentation with respect to any facts related to the project(s) described in this Agreement is a violation of the Federal Law. Accordingly, United States Code, Title 18, Section 1020, is hereby incorporated by reference and made a part of this Agreement.
- N. It is understood and agreed that if the Contractor at any time learns that the certification it provided the Florida Department of Transportation in compliance with 49 CFR, Section 26.51, was erroneous when submitted or has become erroneous by reason of changed circumstances, the Contractor shall provide immediate written notice to the Florida Department of Transportation. It is further agreed that the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction" as set forth in 49 CFR, Section 29.510, shall be included by the Contractor in all lower tier covered transactions and in all aforementioned federal regulation.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

375-040-40
PROCUREMENT
08/20
Page 3 of 3

- O. The Florida Department of Transportation hereby certifies that neither the Contractor nor the Contractor's representative has been required by the Florida Department of Transportation, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this Agreement, to
1. employ or retain, or agree to employ or retain, any firm or person, or
 2. pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind;

The Florida Department of Transportation further acknowledges that this Agreement will be furnished to a federal agency, in connection with this Agreement involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

- P. The Contractor hereby certifies that it has not:
1. employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person to solicit or secure this contract (except a bona fide employee or Agency); or
 2. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this contract; or
 3. paid, or agreed to pay, to any firm, organization or person any fee contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract (except a bona fide employee or Agency).

The Contractor further acknowledges that this Agreement will be furnished to the Florida Department of Transportation and a federal agency in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

- Q. Federal-aid projects for highway construction shall comply with the Buy America provisions of 23 CFR 635.410, as amended (where applicable).
- R. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of federally assisted construction contract" in 41 CFR Part 60-1.3 shall comply with the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor" (where applicable).

RFPSHELL. 12/16/2021

RFP CHECKLIST
(DOES NOT NEED TO BE RETURNED WITH YOUR PROPOSAL)

This Checklist is provided as a guideline, only, to assist Proposers in the preparation of their RFP response. Included are some important matters that the proposer should check. This checklist is just a guideline, and is not intended to include all matters required by the RFP. Proposers are responsible to read and comply with the RFP in its entirety.

Check off each the following:

- _____ 1. The Price Proposal has been completed, as specified, and enclosed in the RFP response.
- _____ 2. The Federal Employers Identification Number or Social Security Number has been entered in the space provided.
- _____ 3. The “Drug-Free Workplace Program Certification” form has been read, signed, and enclosed in the RFP response, if applicable.
- _____ 4. “Scrutinized Companies Lists” certification form has been read, signed, and enclosed in the RFP price proposal.
- _____ 5. The “Bid Opportunity List” and the “DBE Participation Statement” form has been read, completed, and enclosed in the RFP response, if applicable.
- _____ 6. The Scope of Services, Exhibit “A”, has been thoroughly reviewed for compliance to the RFP requirements.
- _____ 7. The Technical Proposal (one (1) original and the specified number of copies) has been completed, as specified, and enclosed in the RFP response.
- _____ 8. A letter from a surety company to document your ability to obtain the required Performance Bond, as per Section 12 of the Special Condition, is included in the Technical Proposal (if applicable).
- _____ 9. The <https://vendor.myfloridamarketplace.com/> website has been checked and any Addendums posted have been completed, signed, and included in the RFP response.
- _____ 10. The RFP response must be received, at the location specified, **on or before** the Opening Date and Time designated in the RFP.
- _____ 11. Electronic Submission of Proposal guidelines laid out in Special Condition 27 are strictly followed.



+



SUBMITTED BY:

Southern Traffic Services

2911 Westfield Road
Gulf Breeze, FL 32563

www.rekor.ai sknowles@rekor.ai 850.934.5732

April 3, 2023

Part I Technical Proposal Number | DOT-RFP-23-9053-SD

Statewide Continuous Count Station Installation and Maintenance



SUBMITTED TO:



**The Florida Department
of Transportation**

605 Suwannee Street, Mail Station 20
Tallahassee, Florida 32399-0450

**Attention:
Sally Dobson,
Procurement Agent**

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A. STABILITY OF FIRM

A.1. Provide basic company information: Company name, address, name of primary contact, telephone number, fax number, E-mail address, and company website (if available). If the firm has multiple offices, the qualification statement shall include information about the parent company and branch office separately. Identify office from which project will be managed and this office's proximity to FDOT's offices. Provide form of ownership, including state of residency or incorporation, and number of years in business. Is the offeror a sole proprietorship, partnership, corporation, Limited Liability Corporation (LLC), or other structure?

Southern Traffic Services, Inc. (STS) is headquartered at 2911 Westfield Road, Gulf Breeze, FL 32563. Sheila R. Knowles has leased this location to STS since 2017. This facility consists of two separate buildings. Our administrative staff, project managers, data analysts, engineering technicians, and data processors use one of the buildings. The second building serves as our warehouse and electronics shop. Within the electronics shop we have the equipment necessary to test, repair, and maintain any device associated with traffic data collection. The primary contact at this location is Sheila Knowles and she will be responsible for all contractual matters. She can be reached at sknowles@rekor.ai, 800-786-3374 ext. 107, or fax: 850-934-0373. This office is approximately 198 miles (2 hours, 58 minutes) from Florida Department of Transportation's (FDOT's) office in Tallahassee, FL.

Our primary construction facility is at 333 Falkenburg Road, Unit E-502, Tampa, FL 33619. This office houses equipment and inventory items, as well as our Florida construction supervisor and crew. This facility consists of office space, electronics shop, extensive indoor secure storage, and outdoor storage. We can receive deliveries of any size or weight at this location. STS's electronics technicians, data collection technicians, and construction crew are at this facility. All personnel at this location are cross trained for data collection and construction. The primary contact at this location is Michael Kapes; he oversees all construction activities. He can be reached at mkapes@rekor.ai or 941-740-1974. This office is approximately 275 miles (4 hours) from FDOT's office in Tallahassee, FL.

STS's engineer, Joe Poole, is located at 2943 Golden Eagle Drive, Tallahassee, FL 32312. Mr. Poole can be reached at jpoole@rekor.ai or 850-449-0807. Mr. Poole will review and execute all task work orders (TWOs). Mr. Poole is approximately 13 miles from FDOT's office in Tallahassee, FL.

STS was incorporated in the State of Florida in December of 1988 as a C-Corporation. In June 2022, STS was acquired by Rekor Systems, Inc. (Rekor), a publicly traded company. It is now a fully owned subsidiary of Rekor Systems, Inc., a C-Corp, incorporated in Delaware in 2017.





**A.2. Briefly describe the history and growth of your company(s).
Provide general information about the company's personnel
resources, including disciplines, number of trainers, locations, and
staffing of offices.**

In the early years, STS acted primarily as a subconsultant to engineering firms. We collected traffic data and conducted studies pertaining to traffic operations. We also acted as a distributor for several companies who developed and manufactured traffic data collection equipment. Due to these relationships, we were involved in the field-testing of these devices and the development of construction specifications for their installations. As the demand for these devices increased, STS developed our construction capabilities. Today, we are collecting traffic data, providing engineering services, constructing, and maintaining continuous traffic monitoring sites nationwide.

STS's first statewide construction contract was in Texas in 1991. We installed 19 bending plate (truck weigh-in-motion) sites as a subcontractor to PAT Corporation. Since that time, we have built over 2,000 sites in 15 states. These sites include all types of sensors and electronics.

As government agencies began to issue contracts for the maintenance and repair of data collection sites, STS added personnel with the education and industry-specific knowledge necessary to perform on these contracts. Many of our key personnel were former employees of state Department of Transportation's (DOTs) or electronics manufacturers. We can operate and maintain any device utilized in our industry. Furthermore, we have the facilities, equipment, and knowledge necessary to troubleshoot and repair many of these devices.

The most difficult and complicated task in our industry is accurately collecting the weight of moving trucks. STS has been building and calibrating weigh-in-motion (WIM) sites for over 20 years. We currently have five technicians who are accustomed to calibrating sites in accordance with the American Society for Testing and Materials (ASTM) high speed WIM standards.

Facilities/Personnel

- Gulf Breeze, FL (Headquarters) – 1 President, 2 Directors, Program Management, 5 Data Analyst, 1 Engineering Technician, 1 Electronics Technician, 1 Hardware Engineer, 1 Controller, and 1 Financial Analyst
- Tallahassee, FL – 1 Professional Engineer/Project Manager
- Tampa, FL (Primary construction) – 1 Construction Manager, 1 Crew Chief, 5 Senior Engineering Technicians, and 2 Electronics Technicians, and 6 Construction crew members
- Altamonte Springs, FL – 1 Electronics Technician
- Atlanta, GA (Primary construction) – 3 Electronics Technicians, 1 Crew Chief, 4 Construction Crew members, 5 Senior Engineering Technician, 1 Inventory Control Manager, and 1 Project Manager
- Birmingham, AL – 1 engineering technicians
- Jackson, MS – 2 engineering technicians
- Columbus, OH – 1 Non-Intrusive Project Manager, 1 Electronics Technician, and 3 Engineering Technicians





- New York, NY – 1 Data Analyst
- Richmond, VA (Primary construction) – 1 Program Manager, 2 Electronics Technicians, 1 Construction Manager, 1 Engineer, 1 Draftsman, 1 Technical Manager, 1 QA/QC inspector, and 5 Construction Crew Members
- Jackson, MS – 2 Senior Engineering Technicians

A.3. Has the company been involved in any litigation in the past five (5) years? Describe your experience with litigation with clients. List any active or pending litigation and explain.

STS has never been involved in any type of litigation.

A.4. Provide a statement of disclosure, which will allow FDOT to evaluate possible conflicts of interest. Company must provide, in their own format, a statement of all potential legal or otherwise significant conflicts of interests possibly created by the company's being considered in the selection process or by the respondent's involvement in the project. Companies must provide information as to the nature of relationship(s) with parties in such potential conflict.

STS has no conflicts of interest.

A.5. Provide name of insurance carrier, types and levels of coverage, and deductible amounts per claim.

STS's insurance carrier is Alliant Insurance Services, Inc. Please see the following pages for details on our coverage types, levels of coverage, and deductible amounts per claim.





Statewide Continuous Count Station Installation and Maintenance
RFP # DOT-RFP-23-9053-SD



		AGENCY CUSTOMER ID: REKOSYS-01 LOC #: 0	VRAO
ADDITIONAL REMARKS SCHEDULE			
Page 1 of 1			
AGENCY New York-Alliant Ins Svc Inc	License # 0C36861	NAMED INSURED Southern Traffic Services, Inc. 6721 Columbia Gateway Dr Columbia, MD 21046	
POLICY NUMBER SEE PAGE 1			
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1	
ADDITIONAL REMARKS			
THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM, FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance			
Description of Operations/Locations/Vehicles: Carrier: Associated Industries Insurance Co, Inc Policy #: ANV135239A Effective dates: 1/13/21-1/13/24 Aggregate Limit: \$2,500,000 Excess Directors & Officers Liability [\$2.5M X \$5M] Carrier: XL Specialty Insurance Co. Policy #: ELU172803-21 Effective date: 1/13/21-1/13/24 Aggregate Limit: \$2,500,000 Excess Directors & Officers Liability [\$2.5M X \$7.5M] Carrier: ACE American Insurance Company Policy #: DOX G70161503002 Effective date: 1/13/21-1/13/24 Aggregate Limit: \$2,500,000 Employment Practices Liability Carrier: Travelers Casualty and Surety Co of America Policy #: 107208168 Effective dates: 1/13/23-1/13/24 Limit: \$1,000,00 / Retention: \$50,000 Crime Carrier: Berkley Insurance Co Policy #: BCCR-45003802-23 Effective dates: 1/13/23-1/13/24 Employee Theft Limit: \$1,000,00 / Deductible \$25,000 Fiduciary Liability Carrier: Great American Insurance Company Policy #: FDP3120649 Effective dates: 1/13/23-1/13/24 Aggregate Limit: \$2,000,00			
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A.6. Has the company ever been removed from a contract or failed to complete a contract as assigned?

STS has never been removed from or failed to complete any contract.

A.7. Has the Company ever had a contract cancelled before the expected expiration date? If so, please explain.

STS has never had a contract canceled before the expected expiration date.

B. EXPERIENCE AND QUALIFICATIONS

B.1. Provide qualifications and description of experience for key management staff, including executive, and operations staff members. Additionally, provide resumes for other key persons applicable to this project. Include name and title, assignment, years of experience (minimum of 5 years), education, active/current registrations/certificates, other experiences and qualifications relevant to the proposed project.

Terry A. Robinson – Regional Construction Manager – 1998 – Present

Terry Robinson currently serves as Regional Manager of Construction and Maintenance of Traffic Supervisor. Mr. Robinson is responsible for the construction operations for Telemetry Traffic Monitoring Site (TTMS)/Permanent Traffic Monitoring Systems (PTMS) and Weigh-in-Motion (WIM) sites in the state of Florida, Georgia, and South Carolina. He has managed the Construction, Quality Control, and Quality Assurance programs for 19 years. Mr. Robinson has worked with FDOT Districts 1, 3, 4, 5, and 7 in the site selection, site placement, installations, and inspections of PTMS/TTMS/WIM count stations.

Education/Certifications:

- Jacksonville State University – B.S. in Sports Medicine
- University of Alabama – Graduate Studies
- University of Wisconsin – Traffic Fatalities Engineering and Reconstruction Studies
- National Safety Council Flagger Training Instructor
- Kistler Quartz Technology
- Wavetronix Installation and Hardware

Mark D. Knowles – Field Operations Manager – 1988 – Present

Mark Knowles co-founded STS with Ms. Knowles in 1988. He provides training for all field personnel and oversees all data collection projects. Mr. Knowles evaluates new traffic data collection equipment and





software before purchasing, works closely with manufacturers to enhance existing equipment and develop new traffic data collection equipment. He also evaluates and makes recommendations to clients with PTMS.

Education/Certifications:

- Jefferson State University, Birmingham, AL – Two years of Engineering studies
- Traffic Capacity Analysis Short Course, University of Alabama, Birmingham, AL
- Traffic Accident Reconstruction, University of Alabama, Tuscaloosa, AL
- National Safety Council Work Zone Supervisor
- Kistler Quartz Technology
- Member of Institute of Transportation Engineers (ITE)

Joe Poole, P. E. – Professional Engineer/Project Manager – 2003 – Present

Joe Poole is the Project Manager on STS's Statewide Traffic Monitoring System (TMS) Installation and Maintenance contract. In fact, he has served as STS Project Manager on this contract since January 2009. Mr. Poole reviews and executes all task work orders related to this project.

Mr. Poole also manages STS's PTMS Installation Services contract with FDOT Central office. He reviews and executes all task work orders related to this project.

Mr. Poole is also responsible for the development and management of STS's Traffic Engineering section. His duties include traffic signal design, traffic engineering studies, access management, safety, traffic signal system timings, data collection, transportation concurrency studies, traffic calming development and design, etc.

Education/Certifications:

- Auburn University, Auburn, AL – B.S. in Civil Engineering
- Professional Engineer #42038, FL
- Professional Engineer #18304, TN
- Professional Engineer #028977, GA
- Professional Engineer #16261, MS
- Professional Engineer #18045, AL
- Professional Engineer #31067, LA
- Professional Engineer #23330, SC
- Professional Engineer #16076, WVA
- Professional Engineer #046953, VA
- Professional Engineer #071934, PA
- Professional Engineer #030069, NC
- Professional Engineer #93512, TX
- Professional Engineer #23711, KY
- Member of Deep South Institute of Traffic Engineering





Michael Kapes – Construction Manager – 2018 – Present

Michael Kapes has 3 years of experience in the installation and repair of permanent count stations. Mr. Kapes has 12 years of construction experience before joining STS. He is currently managing STS's Traffic Monitoring Site (TMS) installation and repair contract. He is responsible for installation and repair of all FDOT permanent count stations. His duties include scheduling, cost estimates, pre- and post-construction inspections, and quality assurance and control. He ensures that all company and DOT procedures are followed. Mr. Kapes also oversees FDOT's Permanent Traffic Monitoring Site (PTMS) Installation Services contract. His duties include scheduling, cost estimates, pre- and post-construction inspections, and quality assurance and control. He also oversees our pay-for-data contracts in Georgia and South Carolina. Mike Kapes also manages the contractor business relations. Michael works directly with the FDOT Central Office and District Offices when contracted work is being provided through Roadway Construction and Maintenance contracts. The contracts may include TTMS or PTMS repairs and maintenance. Mr. Kapes works with the Transportation Statistics office and the District offices to ensure the contractor is qualified and the materials that are being used meet the FDOT specifications. He also reviews each email request from FDOT and assigns the request or task to the appropriate staff professional. Mr. Kapes has spent the past three years developing relationships with our equipment vendors to provide prompt services for this contract. Additionally, he also works with our WIM calibration team to staff each calibration with the correct calibration truck and equipment that is required to complete the WIM calibration.

Education/Certifications:

- National Safety Council Work Zone Supervisor Certification
- Kistler Quartz Technology Certification
- PEEK Electronics Certification
- Weigh-in-Motion Calibration Training

Frank Stringer – Construction Crew Chief – 2018 – Present

Frank Stringer has over five years' experience with STS as a Construction Crew Chief. He designs and implements traffic control plans, manages all in-road and off-road construction, and the installation of TTMS/PTMS/ WIM and Non-Intrusive count stations. Mr. Stringer is also a Certified Electronics Technician and provides troubleshooting and electronics guidance for field operations of TTMS/PTMS/WIM and Non-Intrusive Technologies. He is responsible for the safety of the traveling public and his crew. Mr. Stringer also ensures that all specifications and company standards are followed.

Education/Certifications:

- National Safety Council (NSC) Traffic Control Supervisor's Course
- Kistler Quartz Technology
- International Road Dynamics (IRD) WIM Electronics
- ATSSA Certification





Diego Ospina – Electronics Technician/Crew Chief – 2008 - Present

Diego Ospina serves as an Electronics Technician and Crew Chief of PTMS/TTMS Installations. He is qualified in the maintenance and troubleshooting of PTMS/TTMS count stations. Mr. Ospina is certified in the installation, maintenance and repair of automated data recorders including PEEK, International Road Dynamics DAW 190, and SCOUT automated data recorders.

Mr. Ospina also has extensive experience with infrared camera detection systems and portable traffic monitoring equipment. Mr. Ospina is certified by Kistler Quartz Technologies for installation and maintenance of electronics and in-road sensor installations. He has inspected and installed piezoelectric and loop inductors for PTMS/TTMS count stations for STS in three different states and has conducted turning movement studies and origin and destination studies.

Education/Certifications:

- DeVry Institute – A.S. in Engineering Technology
- American Traffic Safety Services Association (ATSSA) Work Zone Supervision
- HAZMAT Level II Certification
- FL CDL Class B license

Sandy Andrews – Electronics Technician – 2018 – Present

Sandy Andrews is installing, maintaining, troubleshooting, and repairing the state of Florida's TTMS and PTMS sites. He also participates in STS's data collection contracts in District 1 collecting data at PTMS sites. Mr. Andrews works directly with the electronics technicians in the testing of sensors, hardware, and power management programs of TTMS/PTMS and WIM collection systems.

Prior Experience:

- Traffic Control Devices (TCD) – Crew Forman – Installation and maintenance of traffic signals and related equipment.
- City of Sarasota – Maintenance and repair of traffic signals and electrical
- Transportation Control Systems (TCS) – Managed Repair Department
- Digital Traffic Systems – Managed crew for installing, setting up, and repairing traffic data equipment throughout Florida.
- PEEK Traffic – Customer support, training, bench level repair technician, assembled, installed, and repaired WIM scales.

Education/Certifications:

- Signal Tech II
- CDL Class-B
- MOT Certified
- GTT Certified Manufacturing Processes
- Maintenance Electronics
- Electrical Circuits





Chris Jewell – Senior Electronics Technician – 2008 – Present

Chris Jewell conducts inspections of permanent and portable traffic stations for government and private clients. He participates in the installation and setup of traffic data equipment throughout Florida. Mr. Jewell also performs WIM calibrations in Florida, Mississippi, and South Carolina.

Education/Certifications:

- A.A. in Applied Science, Drafting, and Design
- National Safety Council Work Zone Supervisor Certification
- Advanced work zone Traffic Control Inspector – FDOT #046
- Kistler Quartz Technology Certification
- Weigh-in-Motion Installation and Calibration training

Randall Weaver – Contractor – 1995 - Present

Randall Weaver has over 37 years of experience working in traffic data collection. His first fourteen years were spent working in research, development, customer service, and repair of traffic monitoring equipment. Over the last 28 years Mr. Weaver has been supervising data collection projects, installing permanent traffic monitoring equipment, troubleshooting existing PTMS sites, and quality control. Mr. Weaver is available to assist STS's Florida team, should the need arise.

Education/Certifications

- Catonsville Community College, Baltimore, MD – EE degree
- USAF Electronics Technician School at Keesler AFB
- General Contractors License
- American Traffic Safety Services Association (ATSSA)
- National Safety Council Work Zone Supervisor
- Kistler Quartz Technology
- PEEK Electronics
- IMSA Level 1
- WIM Installation and Calibration

Robert Weaver – Electronics Technician – 2007 – Present

Robert Weaver has over 34 years of experience working in traffic electronics service. The beginning of Mr. Weaver's career was spent working in research, development, customer service, and repair of traffic monitoring equipment. While working with STS, Mr. Weaver is responsible for WIM installation and calibration, installing permanent traffic monitoring equipment, troubleshooting existing TTMS/PTMS sites and quality control. Mr. Weaver is available to assist STS's Florida team, should the need arise.

Education/Certifications

- Maryland Electronics Technical Institute – 2-year Architecture & Drafting with the use of AutoCAD
- Kistler Electronic Installation/Interface Training





- WIM Installation and Calibration
- Wavetronix

David Tindall – VP, System Deployment & Support – 2020 – Present

David Tindall is a proven leader with more than 15 years of experience with successful executive mission-critical public safety initiatives. He has extensive experience working with artificial intelligence (AI) and video camera technologies. In his previous roles at AnyVision, WatchGuard Video, and L-3 Communications he managed and executed millions of dollars' worth of public safety projects. Mr. Tindall has a Bachelor of Arts in Radio and Television Communications from the University of Central Florida.

Travis Marshall – Deployment Manager – 2020 – Present

Travis Marshall has over 22 years of experience in project and systems implementation and has experience managing deployments with Rekor in projects in Lauderhill Florida, Oklahoma UVED, Collierville Tennessee, Navy Yard Philadelphia, and the San Diego County Sheriff's Office. Travis has managed the deployment of over 100 systems in one project and has extensive experience working with local government to identify and perform site surveys and procuring permits for the sites.

Coty Bunch – Field Operations Engineer – 2022 – Present

Coty Bunch started his electrical training in 2014 working with Sinns and Thomas Electrical Contractors, doing industrial electrical work. Before Mr. Bunch started at Rekor, he installed cameras, access control systems, and security systems for one of the biggest suppliers in Florida. Mr. Bunch's primary responsibilities include installing and servicing Rekor's AI solutions for Public Safety and Government agencies across the country.

Wayne Adams – Field Operations Engineer – 2021 – Present

Wayne Adams started his data and communications career over 10 years ago with Spectrum Communications working with Cat5, coax, and fiber optic cable. As Mr. Adams progressed, he expanded his knowledge into installing residential and commercial surveillance cameras throughout Central Florida. His primary responsibilities include installing and servicing Rekor's AI solutions for Public Safety and Government agencies across the country.





B.2. Provide information on the firm's experience providing Installation, Maintenance and Upgrade Services of Automatic Traffic Recorders for other states' Department of Transportation agencies and clients of similar, size, function, and complexity. Describe five (5) accounts, in order of most relevant to least relevant, which demonstrate the Vendor's capabilities to perform the scope at hand. For each account, the following information should be provided:

- a. Client or account name, location and dates during which services were performed. Indicate whether the Vendor was a prime or sub-consultant.
- b. Description of services provided.
- c. Information on successes achieved by your firm.
- d. Respective client's stated satisfaction in service of your firm. In an Appendix provide any client-written letters of reference/recommendation about the firm's performance for Automatic Traffic Recorder Installation, Maintenance and Upgrade Services.
- e. Client's contact information. (Current mailing and electronic address and phone number).

STS fully understands the scope of work and responsibilities of this contract. The technical team is fully aware of the on-call and as needed requirements for maintenance and repairs of the Statewide Telemetry System. Our offices and warehouses in Gulf Breeze, FL, Tampa, FL, and Atlanta, GA provide us expanded coverage in the state of Florida. Our technicians and support staffs in many FDOT Districts of the state affords us an even greater ability to support and maintain system programs covered in this contract.

STS has operated and maintained a construction and technical team of experts for over twenty-five years. During this time, the operations and technicalities of Traffic Monitoring Stations and Traffic Data Collection evolved. The staff members have expanded their knowledge through training in every aspect of these services. STS professionals have attended classes, workshops, and seminars on innovative technologies. Manufacturers, vendors, and governmental agencies afford our team members the opportunity to receive pertinent training and re-certifications as required and warranted. Staff members' certifications are tracked by our Safety and Administrative office to maintain a good standing in their fields of expertise. STS draws upon the wealth of talented and established personnel; we will not need to build and grow a program unit to maintain efficiency and quality services. Although our support and operations team are mobile and may function in various capacities, we will use **local personnel and equipment** in Florida to perform 90% of the work. The other 10% will be used in local boring companies for boring services.

Please see the Letters of Support section for letters from our clients.



Florida Department of Transportation – Central Office	
Client Name	Florida Department of Transportation – Central Office
Client Contact Information	Eric Griffin 850-414-4709 eric.griffin@dot.state.fl.us 605 Suwannee Street, MS 27 Tallahassee, FL 32399
Contract Numbers and Dates	Statewide Traffic Monitoring System (TMS) Installation and Maintenance Contract: BE804, Dates: June 2019 – January 2022 Previous Contract: BE108, Dates: February 2016 – June 2019 Previous Contract: BDV50, Dates: January 2013 – January 2016 Previous Contract: BDM28, Dates: November 2008 – December 2012
Contractor Type	Prime Contractor

Demonstrated results: STS was under contract with the State of Florida Central office to provide maintenance and repairs of Traffic Monitoring Stations (TMS). The sites included Automated Data Recorders and Weigh-in-Motion (WIM) stations throughout Florida. The responsibilities include the daily performance of road sensors and data collection at these locations. STS repairs sensors, maintains cabinets, installs solar panels and communications equipment, and provides routine maintenance at all 330 stations. We were also responsible for site selections and engineering of TTMS, WIM, Non-Intrusive technologies, and Portable Traffic Monitoring Stations (PTMS) as an element of the contract. STS worked with each District office to determine the placement and installation of Central Office funded PTMS implementations.

Since STS has worked on this contract, FDOT has experienced more 100% operational days than ever before. One hundred percent operational days mean every Telemetry Traffic Monitoring Site (TTMS) under the responsibility of the Central Transportation Statistics Office is operating and collecting data.

STS has been working on a similar contract with FDOT since January 2009. The approximate number of Task Work Orders (TWOs) issued under these contracts are:

- Year 2009 – 136
- Year 2010 – 156
- Year 2011 – 199
- Year 2012 – 130
- Year 2013 – 155
- Year 2014 – 138
- Year 2015 – 114
- Year 2016 – 98
- Year 2017 – 116
- Year 2018 – 156

- Year 2019 – 67
- Year 2020 – 176
- Year 2021 – 105
- Year 2022 – 43

The Central office received additional funding with a short expiration date for repair and construction of PTMS. STS performed all field reviews and completed many TWOs for the PTMS work in various Districts throughout the state.

The Florida Department of Transportation Permanent Counting Program is considered one of the top programs in the country by the Federal Highway Administration (FHWA). STS is proud to be a partner in this process and we use our knowledge gained from our relationship with the FDOT Transportation Data & Analytics office to provide guidance in other states that we offer services. STS in return provides new resources and technologies to the FDOT Transportation Data & Analytics office that may provide more positive outcomes for future development.

Florida Department of Transportation – District 4	
Client Name	Florida Department of Transportation – District 4
Client Contact Information	Kara Schwartz 954-777-4364 Kara.Schwartz@dot.state.fl.us 3400 West Commercial Blvd Fort Lauderdale, FL 33309
Contract Numbers and Dates	Districtwide Portable Traffic Monitoring Sites (PTMS) Repair of Traffic Counters Contract: BE734, Date: April 2019 – April 2024 Previous Contract: BE051, Date: October 2015 – October 2016 Previous Contract: BDV16, Date: November 2012 – October 2015
Contractor Type	Prime Contractor

Demonstrated results: STS and The Florida Department of Transportation District 4 (D4) Planning and Development Office have been in partnership since November 2012. During this time, STS and D4 have worked together to maintain the 200+ PTMS stations throughout the district. STS has provided the district with on-site inspections and design build guidelines to create a streamlined program for maintenance and construction. Since 2012 STS and FDOT D4 has repaired over 60 count stations, inspected over 100 count stations, and supervised the installation of over 30 construction build PTMS sites throughout the district. The FDOT D4 office and STS work together in the district to train other consultants, FDOT employees and contractors on the FDOT Transportation Data & Analytics Office guidelines for installing and testing sensors.

Since 2012, STS and FDOT D4 have managed the installation of new sensor installations on I-595 Tollways and shared in the success of the building a database of PTMS count stations that serve as the backbone to the district's count program.

Florida Department of Transportation – District 7

Client Name	Florida Department of Transportation – District 7
Client Contact Information	Andrew Tyrell, CPM 813-975-6458 andrew.tyrell@dot.state.fl.us 11201 N. McKinley Drive Tampa, FL 33612
Contract Numbers and Dates	Traffic Statistics Program District 7 Contract: C-9M57, Date: December 2015 – December 2022 Previous Contract: C-9924, Date: January 2013 – January 2018 Previous Contract: C8Q09, Date: April 2008 – April 2013
Contractor Type	Prime Contractor

Demonstrated results: STS provided data and construction services to the FDOT District 7 (D7) office of Statistics. Our contract included the collection of portable data via road tube placements, collecting data for the 300+ PTMS located throughout the district. STS provided technical support through engineering, inspection, installation, and maintenance of PTMS sites. STS developed a training program used by FDOT inspectors for the sole purpose of PTMS inspections and have trained over 200 FDOT employees statewide to improve the installation of PTMS sites under this contract. STS currently provides services that include site development, site management, insurance claims to damaged PTMS sites, and trained FDOT staff members in specifications and design of PTMS sites. STS also provided avenues for the FDOT D7 office with innovative technologies and systems that improve the district count program. STS has provided the district with new camera recording technologies, and data collection devices that provide Per Vehicle Records (PVR) and systems that aid intermodal studies and traffic operations for safety.

Georgia Department of Transportation – Office of Transportation Data	
Client Name	Georgia Department of Transportation – Office of Transportation Data (OTD)
Client Contact Information	Eric Conklin 404-347-0699 econklin@dot.ga.gov
Contract Numbers and Dates	5025 New Peachtree Road, North Annex Chamblee, GA 30341 Traffic Monitoring Program Data Contract 48400-196-DOT0000893-001 Date: November 2017 – November 2024
Contractor Type	Prime Contractor

Demonstrated results: STS currently owns and operates the GDOT 200+ Automatic Traffic Recorder (ATR) Permanent Data Program. We are responsible for the daily reporting of data from automated data recorders and communications equipment throughout the state of Georgia. STS is also responsible for the STS-owned and operated Hurricane Evacuation Data and Traffic Monitoring sites throughout the state in case of emergency evacuations. The contract includes the monthly leasing of ATR and communication equipment, maintenance of State-owned facilities and hardware, daily/monthly data, and sensors as well as Welcome Centers and Weigh-in-Motion (WIM) sensors, calibrations of WIM sites, and site evaluations.

Since STS began assisting the GDOT OTD in 2007, their successful daily reporting of ATR Telemetry Traffic Monitoring Sites (TTMS) has risen from approximately 65 to over 200 operational stations. The daily average of successful polling and data transfers are currently at the highest levels of acceptance in GDOT history. STS and the GDOT Office of Transportation Data provide emergency data for hurricane evacuations in a live format for the office of Traffic Operations through the ATR TTMS program. During our 15 years of service with GDOT, STS has upgraded all equipment, communications, and power platforms to meet FHWA's ever-changing requirements. STS routinely provides maintenance and construction in the Atlanta area on some of the busiest roads in the Southeast. STS's highly trained personnel create and submit Maintenance of Traffic (MOT) Plans, assign police officers, create, and submit construction plans, and fully implement these plans for the installation of up to 10 lanes of Loop-Piezo-Loop, Piezo-Loop-Piezo, or Loop-Loop installations in a 6- to 7-hour restricted time limit. The state of Georgia is recognized as one of the top five permanent count station data programs in the United States. Coordination between GDOT and STS has allowed both entities to achieve this prominent level of success.

Georgia Department of Transportation – Office of Transportation Data

Client Name	Georgia Department of Transportation – Office of Transportation Data
Client Contact Information	Paul Tanner 404-347-0699 ptanner@dot.ga.gov 5025 New Peachtree Road, North Annex Chamblee, GA 30341
Contract Numbers and Dates	Automatic Traffic Recorder Installation, Maintenance/Upgrade Services Contract: 48400-1200000000021, Date: June 2011 – June 2016 Previous Contract: 48400-107-0000003110, Date: June 2007 – June 2011
Contractor Type	Prime Contractor

Demonstrated results: STS managed the day-to-day operations of the GDOT 200+ Automatic Traffic Recorder (ATR) Permanent Data Program. The responsibilities of the contract require the daily reporting of data from automated data recorders and communications equipment throughout the state of Georgia. We are also responsible for the State-operated Hurricane Evacuation Data and Traffic Monitoring sites throughout the state in case of emergency evacuations. The contract includes the following responsibilities: monthly leasing of ATR equipment, communication equipment, maintenance of State-owned facilities and hardware, daily/monthly data and services, construction, and maintenance of permanent road sensors, as well as Welcome Centers and WIM sensors throughout the state.

Since 2007, the partnership between the GDOT OTD office and STS has seen the daily reporting of ATR Telemetry Traffic Monitoring Sites (TTMS) go from approximately 65 operational stations to over 200. The daily average of successful polling and data transfers are at the highest levels of acceptance in GDOT's their history. STS and the GDOT OTD provided Emergency Data for Hurricane Evacuations in a live format for the office of Traffic Operations through the ATR TTMS program.

During the 8 years of service with GDOT, STS upgraded all equipment, communications, and power platforms to meet the ever-changing requirements of the FHWA and other regulatory agencies.

STS routinely provides maintenance and construction to some of the busiest roads in the Southeast located in the Atlanta area. STS's highly trained personnel create and submit a MOT Plan, assign police officers, create, and submit a construction plan, and fully implement the plan for the installations of up to 10 lanes of Loop-Piezo-Loop, Piezo-Loop-Piezo, or Loop-Loop installations in a 6 to 7-hour restricted time limit.

The State of Georgia is recognized as one of the Top 5 Permanent Count Station Data Programs in the United States. The partnership between GDOT and STS has allowed both entities to achieve this elevated level of success.

Client Contact Information	Sandra Mapel 614-644-0291 Sandra.Mapel@dot.ohio.gov 1980 West Broad Street Columbus, OH 43223
Contract Numbers and Dates	Maintenance and Repair of Traffic Data Collection Sites Contract: 157-20, Date: July 2021 – July 2023 Contract: 064-16, Date: June 2018 – May 2018 Previous Contract: 064-14, Date: May 2014 – April 2016
Contractor Type	Prime Contractor

Demonstrated results: Since May of 2014, STS has been responsible for completing task work order (TWO) services for permanent traffic monitoring sites including vehicle classification and WIM. This work has included installation of new Automatic Vehicle Classification (AVC) and WIM sites, piezo and loop installations, and traffic control. STS has provided on-call service to ODOT (Ohio Department of Transportation) for the maintenance and construction of the ODOT Telemetry Traffic Monitoring Site (TTMS) program throughout the duration of this contract. STS introduced innovative technologies and construction techniques that have advanced the installation program to a new level of success. STS has installed six lanes of Loop-Piezo-Loop sensors during a single 8-hour work period. Before using STS, ODOT had high volume/speed areas where they could not install sensors. STS installed eight lanes of Loop-Piezo-Loop to meet the requirements set forth by the ODOT Construction and Maintenance Office. STS has serviced over 45 heavy volume traffic locations under this seasonal on-call contract.

Client Contact Information	Sandra Mapel 614-644-0291 Sandra.Mapel@dot.ohio.gov 1980 West Broad Street Columbus, OH 43223
Contract Numbers and Dates	Non-Intrusive Contract Contract: 241-23, Date: December 2022 – December 2024 Contract: 157-20, Date: May 2019 – May 2022 Contract: 523a-16, Date: May 2016 – April 2019
Contractor Type	Prime Contractor

Demonstrated results: STS has installed, calibrated, maintained, and provided QA/QC data via Drakewell polling to the Ohio Department of Transportation for 48 Non-Intrusive Wavetronix sites. They have issued a task work order for an additional ten sites.

Oklahoma Department of Transportation – Planning Division

Client Name	Oklahoma Department of Transportation – Planning Division
Client Contact Information	Brian Thompson 405-736-9469 bthompson@odot.org 200 NE 21st Street Oklahoma City, OK 73105
Contract Numbers and Dates	Traffic Monitoring Systems (TMS) Annual Repair Collection Contract: N/A, Date: November 2012 – November 2014
Contractor Type	Prime Contractor

Demonstrated results: STS was under contract with the Oklahoma Department of Transportation (Data Collection Branch) to provide maintenance and calibration services to 96 automatic vehicle classifier and WIM sites throughout Oklahoma. Through the contract, STS provided services that included the installation of new AVC and WIM sites, piezo & loop installations, solar power conversions, WIM site calibrations and traffic control.

OKDOT and Southern Traffic Services worked together to install over 100 lanes of Sensor Installations during the two-year contract. In January of 2013, OKDOT and STS worked together to install ten lanes of new Loop-Piezo-Loop Installations on the newly created I-40 Oklahoma City Crosstown in three days to meet the deadline for the Grand Opening of the Expressway. STS created a site development plan, a MOT plan, a power platform plan, and sensor layout plan for the downtown locations within ten days (about



one and a half weeks) from initial contact from OKDOT. STS provided OKDOT with innovative technologies in construction installations, sensor installations and power platforms to enhance their program. This contract agreement was an on-call seasonal contract due to the inclement weather in the Midwest. STS mobilized full crews and electronics technicians in a manner of days to meet several requests presented by OKDOT. STS also provided OKDOT with Certified Calibration of the WIM program at over 30+ sites. STS built numerous new WIM sites to carry their program into new areas of data collection of WIM and WIM techniques.

C. STATEMENT OF SUITABILITY

C.1. Provide any information that may serve to differentiate the respondent from other companies in suitability for the service, including the company's statement of apparent fit to the services described herein and the stated needs of the Department and unique qualifications the firm feels are especially relevant to the scope.

As the incumbent, STS is perfectly suited to continue our partnership with FDOT. We have successfully performed all required tasks for FDOT since 2008. STS fully understands the requirements of this contract and the Department's needs. Our Project Manager is in Tallahassee, FL, ten minutes from the FDOT office responsible for this contract. Our branch office in Tampa, located only 270 miles from the FDOT office in Tallahassee, will be responsible for all construction/maintenance activities. Our highly qualified team of professionals who have been designing, constructing, maintaining, and repairing traffic data collection sites for many years will complete all the work. This team is dedicated solely to our current contract with FDOT, so they will have no problem handling the projected workloads. Our experience working with FDOT on similar contracts gives us a great deal of confidence in our ability to meet every demand.

STS employs a wide range of professionals to cover all aspects of this contract. We have installed complex sites on controlled access roads within the city limits of Miami, Orlando, Tampa, and Jacksonville. We are accustomed to the complex Maintenance of Traffic (MOT) necessary to construct these sites and recognize the importance of completing each direction in only one night. STS can construct these difficult sites (many with over ten lanes), by bringing in our crew from Georgia. Given our expertise and long working relationship with FDOT, we are up to the challenge of planning and conducting this type of construction. We are confident in our ability to deliver successful outcomes for the State as a result.

C.2. Provide information on current and projected workloads of the company in the area and any potential impact to the requested services.

STS has two installation and maintenance contracts with FDOT – through the Central Office and District 4. Even though this project will replace the existing contract, the District 4 contract will not have any impact.





STS also had a Permanent Traffic Monitoring Site (PTMS) Installation Services with FDOT Central Office. This contract was awarded in June of 2017 and expired in June of 2020. Since STS has had this contract since 2017, we have proven that it will not affect our ability to perform on this contract.

STS currently has a pay-for-data contract with the States of Georgia and Virginia. STS owns all permanent count stations and is paid for good days of data. STS has had these contracts for over seven years and has experienced no problems keeping up with the work on the current installation and maintenance contract in Florida.

C.3. Provide detailed information on the non-discrimination policies of the company, record of addressing public safety, social, environmental concerns; accessibility and opportunities for persons with disabilities and special needs, and special services for scope-related concerns.

STS is an Equal Opportunity Employer. The company will not discriminate against an applicant for employment or a fellow employee because of race, creed, color, religion, sex, national origin, ancestry, age, or any physical or mental disability. The company will not discriminate against any applicant or fellow employee because of the person's veteran status.

This policy applies to all employment practices and personnel actions including advertising, recruitment, testing, screening, hiring, selection for training, upgrading, transfer, demotion, layoff, termination, rate of pay and other forms of compensation, or overtime.

All STS employees are responsible for implementing the company's equal employment opportunity policy in their daily actions, conduct, and decisions. Managers and supervisors must continually monitor the workplace to ensure an environment free of unlawful discrimination, hostility, intimidation, reprisal, or harassment. Prompt remedial action must be pursued to correct inappropriate behavior under this policy.

STS is committed to providing equal employment opportunity, eliminating employment discrimination; and maintaining an environment free from prohibited discrimination. STS will provide a prompt, fair and impartial review, and adjudication of any allegations of discrimination. This policy was adopted in March of 1996.

C.4. Provide information on any unique special services or reporting abilities for the requested scope of services.

STS prides itself on being responsive to our clients. Our engineer, Joe Poole, P.E., is based in Tallahassee and available to FDOT for execution of task work orders (TWOs) with minimal notification. With his background as a FDOT District Traffic Operations Engineer, Mr. Poole leads a team of qualified professionals by example of always being available to meet the needs of this contract for over ten years.





STS has a policy of providing on-call services to all contracts and we passionately believe we have exceeded the expectations of the Transportation Data & Analytics office in being able to be reached 24 hours a day, 7 days a week, 365 days a year.

STS and the FDOT Transportation Data & Analytics Office have worked together to create a method of open and daily communication that resulted in the proven success of this program. STS passionately believes our successful relationship with FDOT is related to the trust we have in one another to fully complete a task or request in a timely manner with a positive attitude. We fully understand our role is to provide the best quality service to our customers without delay or questionable practices.

We have worked with Mr. Jones, Mr. Reel, Mrs. Young, Mr. Bentz, Mr. Johnson, Mr. Hutchinson, and Mr. Whitley on numerous changes to specifications and design changes that promoted growth in service and performance of the current Telemetry Traffic Monitoring Site (TTMS) systems. We are currently working with Mr. Eric Griffin to continue to improve the current specifications and designs for the Traffic Data program. We also worked with the FDOT staff to streamline certain processes that eliminate delays and expediting the repair and service process and getting the site back on-line without any further delay.

Verizon GPS – Each STS vehicle is equipped with GPS devices that allow us to track each vehicle. This allows us to dispatch the closest vehicle to the site as needed by FDOT for a rapid response time.

Laptop, Camera, Teams, Internet Access – All STS Managers and Service Technicians are assigned cell phones and laptops equipped with cameras and mobile internet access. This allows the on-site technician to have video communications with other service technicians, managers, FDOT personnel, and suppliers. These have become invaluable in providing real time solutions in the field. We have meetings in real time with active participation from all parties.

[Innovations and Equipment Usages](#)

Six Person Crews – STS has developed a time-tested process of using a crew with six or more members. The primary goal of this process is SAFETY, with secondary benefits of efficiency. We can operate four saws, pressure washers, and blowers simultaneously. This allows the process to move at a faster pace. We are also able to move Maintenance of Traffic (MOT) at a safer pace when opening travel lanes and moving equipment. Many contractors use three- or four-man crews to lower costs and be able to charge multiple days of MOT. Using less than a five-man crew is very unsafe.

Surface Heaters – STS has used infrared surface heaters for many years. This type of heater dries the road without causing damage to the road surface. We also employ heavy duty Slurry Vacuums that dry the road and remove debris from the slots.

Piezoelectric Sensor Installations Advancements – STS has maintained for years that piezoelectric sensors should stay operational for many years without failures. We have proven in over ten years of verifiable installations that our practices create longer lasting sensor installations. We have sensors in five states that have been installed for over ten years that produce great signal outputs and look as if they were installed last month. We use only the best products in our installations. For Kistler Quartz installations, we can install four lanes of sensors in two directions by using equipment that even Kistler training instructors were amazed at the workmanship as well as the minimal time for installations.





Sensor Layout Templates – STS has developed multi sensor templates that are an easy to place and accurate format for any sensor arrangement. Our templates are all reusable and easy to store. Our crews use these templates to guarantee accuracy in our layouts.

MOT Certifications – STS places our field operations crews in Work Zone Supervisors Training Classes and Flagger Training. This process allows us to be flexible and operate several crews in large areas of coverage.

Modem Communications – STS has experience working with the major service carriers and many hardware manufacturers. STS has provided valuable feedback to both carriers and manufacturers to improve their products. STS employees stay informed and aware of product advancements, product concerns, as well as product obsolescence so that we may provide our customers with the most advanced and cost-efficient alternatives to meet their needs whether it is for Traffic Data Collection, Non-Intrusive, or Bicycle/Pedestrian, or MOT devices.

Multiple Homerun Windows – STS installs many diverse types of systems in many different states. We have multiple specifications to follow and strive to meet each scenario with success. For over 15 years, we have used multiple homerun windows to keep from damaging other sensors during maintenance and repairs. We felt we could be serving the agencies with less costly repairs by placing additional windows at the shoulders for the leads. We also had an extra vacant window and conduits for new and expanded roadways. This extra window gives great flexibility during maintenance.

Surface and Concrete Grading Systems – STS has two full-time asphalt and concrete specialists on staff. These team members help us in grading asphalt and allow us to see the state of asphalt over a period in the future. We also have a program for placing sensors in asphalt or concrete that allows us to grade and evaluate asphalt and concrete for insuring the longest life cycles of sensors. Our pavement engineers have the skills to plan sensor placements.

Reducing Splices & Eliminating Splices – STS has an internal procedure to avoid splicing, especially in moist areas. We realize splicing is sometimes required but multiple splices are avoided. We have avoided splicing whenever possible, and the results are reflected in the long-term performance on the Inductive Loops we have installed. The elimination of replacing splices allows the Department to better utilize the time of each Electronics Technician while saving money on unnecessary site visits.

Innovations and Approaches with FDOT

STS has assisted FDOT personnel with the testing/development of:

- SENSYS equipment for use at Telemetry Traffic Monitoring Site (TTMS)/Permanent Traffic Monitoring Systems (PTMS) sites
- International Road Dynamics (IRD) iSINC Lite for future replacement of the DAW190
- Q-Free EMU3, TMU4, Non-Motorized Systems
- Leetron AI Camera Systems for short term counts
- New Diamond equipment to replace the Phoenix units
- New IRD equipment to replace the Diamond Phoenix units
- Wavetronix HD Sensors
- Sierra Wireless GX400 modems/RV 50 Modems





- Overhead and Side-Fire Detection sensors
- Wind Turbine Power Sources

Development of using Sierra Wireless modems to replace Northrup Grumman Site Controllers Repair of SENSYS AP repair:

- Plan to replace existing Axis camera systems with innovative technology and provided network system security advise.
- Development of an ADR setup database for sites that have atypical setup structures.
- Standardize testing procedures.
- Coordinated with other FDOT consultants to standardize testing procedures.

C.5. Provide information on any management techniques or methodologies offered by the company that may be particularly suitable for the required services.

a. Program evaluation and review techniques suitable for the requested scope of services.

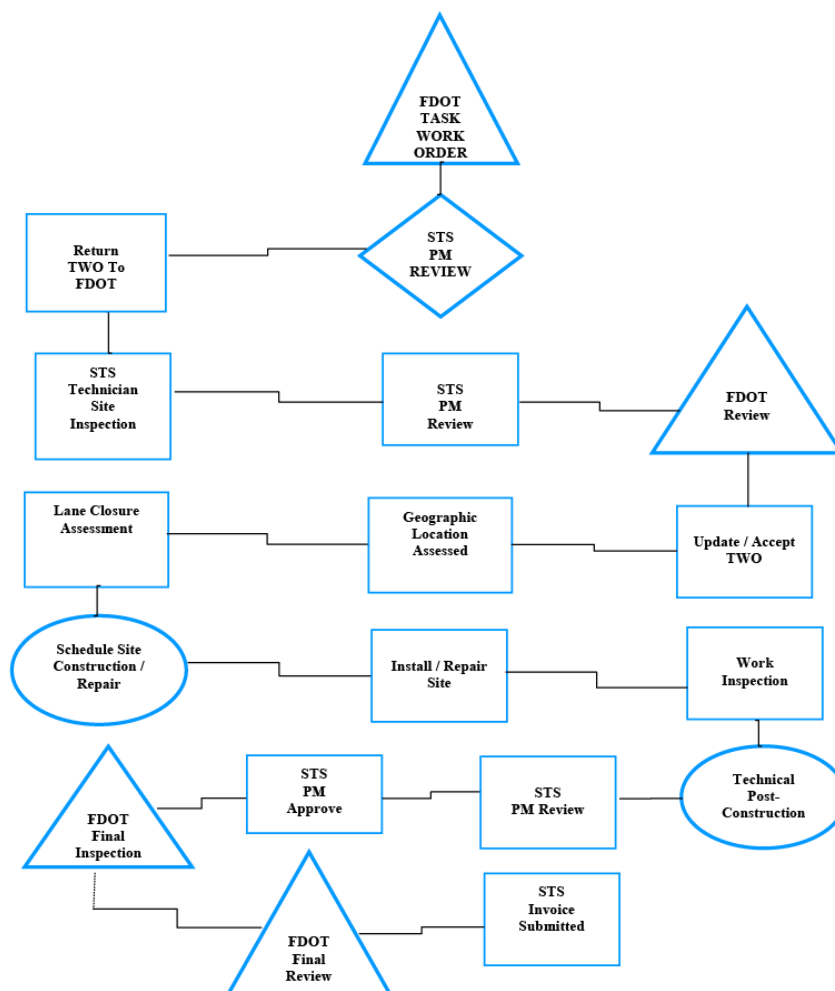
The offices at STS are fully operational facilities. We have a 24-hour phone service, direct person voice mail, email service, facsimile service, and we are staffed with a complete operations and administrative team. Our employees have cell phones, and each client is provided with a phone list of personnel assigned to each job. The team members of each job are available 24 hours a day. The Project Manager, Supervisors, Crew Chiefs, and Electronic Technicians are fully authorized to make decisions on scheduling changes, conflicts, and safety concerns while working with the FDOT personnel.

The Project Manager will supervise all schedules on an administrative level. He will work directly with FDOT to determine the time limit for completion of the work and any logistical issues or scheduling conflicts that may arise. The Project Manager will also coordinate with the Managers, Crew Chiefs, and Electronic Technicians on scheduling, and scheduling updates. The daily reports to the Project Manager will reflect all changes due to safety, weather, and other outside influences affecting the scheduled completion of a task work order (TWO).

The Project Manager will receive the TWO, assign it to the appropriate Regional Manager, and post the TWO on the STS File Transfer Protocol (FTP) website. The Manager will assign the local Electronics Technician to visit the site and verify the TWO and repair the site if able. The Electronics Technician will contact FDOT staff to give an update and verification of his findings. FDOT will approve any additional unforeseen costs and amend the TWO to reflect any necessary change. If construction work is required, the Electronic Technician will verify the findings with the Manager and Project Manager. The managers will update the FTP on these TWO and the schedule is set for repairs. The Project Manager and the Crew Chiefs update the database every day and include the appropriate staff members in the schedules. STS will notify and provide a work schedule to the FDOT Transportation Data & Analytics Office and the local FDOT offices.

This process includes the following items that the STS and FDOT staffs will review:





SharePoint Process

STS utilizes SharePoint with FDOT to streamline communications between our organizations. Our SharePoint process was established to share all documents created by STS personnel, Managers, Engineers, Technicians, and FDOT personnel.

The process begins with a request for a pre-construction (Pre-Con) inspection and a cost estimate from FDOT. After the Pre-Con is complete, the technician will post a copy to SharePoint for review. After the review is completed by the STS Manager and/or Engineer, the cost estimate is created and posted in the "TWO>Cost estimate" file on SharePoint. FDOT will then review the Pre-Con and cost estimate. Once FDOT accepts and signs the estimate, a TWO number is assigned and sent to STS Engineers for signatures. Once STS engineers sign the TWO it is posted and has a 60-day time limit for completion.





There are several folders created in SharePoint. Each site is assigned a folder for any information to be shared, such as: photos, documents, warranty information, and vendor information. Additionally, a folder for tracking completion of TWO's dates and finances is added to the site's main folder.

STS Differentiators

One specific area that separates STS from others in this industry is our commitment to excellence, research and development in innovative technology, and construction practices. With the opportunity to work in multiple states we strive to stay ahead of the curve on new equipment and Federal Highway Administration (FHWA) requirements. Through our own research and testing, along with testing products with the various Department of Transportation (DOTs), we can provide our clients with knowledge-based recommendations regarding equipment, maintenance, and construction practices. We have developed a great working relationship with Dr. Ren Moses, PHD., P.E., at Florida A&M/Florida State University School of Engineering. We have worked with Dr. Moses on numerous research projects for the FDOT Transportation Statistics Office. These projects include:

- Sealants – I-75 Site just south of the Georgia line.
- Weigh-in-Motion (WIM) Sensors – FDOT Testing Site on Southeast Capital Circle in Tallahassee.
- STS has worked with Dr. Bruce Harvey on Lightning and Lightning Suppression Research.
- STS is also working with innovative technologies identified by the FHWA as areas they have requested to further enhance the data being collected by local and state agencies. We are working in unison with the FDOT and FHWA on bicycle, motorcycle, and pedestrian assessments.
- STS, with the full support and leadership of the FDOT Transportation Data & Analytics Office have joined together to test some technologies that may be a break-through in capturing multi-use lanes data and understanding how that data can be applied in the Statistics Programs, Safety Programs and Design Specifications.

TEST FACILITY – Tallahassee – Capital Circle

STS and FDOT began working together approximately 12 years ago to develop a location to install and test devices that may be used in the traffic data programs. A location was selected on Capital Circle approximately five miles from the FDOT Springfield Office in Tallahassee.

The original concept was to install WIM Sensors and to test various equipment that may be used in the WIM program. FDOT and Dr. Moses worked together to also include the complete testing of all sealants and epoxies. The decision was also made to conduct testing of various sensors, camera systems, data classification systems, and power consumptions of equipment.

STS committed to providing FDOT and each vendor with installation and technical support, free of charge. STS has invested over \$100,000 in services and support to promote the development of the test facility. We continue to prioritize the best interest of FDOT in each aspect of the program as demonstrated at the FDOT test facility.

b. Information on maintenance, safety, and litter removal methods and approaches suitable for the requested scope of services.

STS has a set of guidelines and procedures in place that exceed industry standards for ensuring equipment is clean, and our preventive maintenance standards are unsurpassed by our competition. We





have implemented several checks and balances that require documentation to be completed by the technicians and each level of management. STS ensures all leads are secure to the backplane and verifies the splice kits are effectively used and splices are in good standing. We also verify the cabinet is stable and secure, the solar panel is operational, and the battery is charging correctly. Finally, our technicians keep updated logs in each cabinet reporting all findings. We verify that all posted information is legible and marked appropriately.

STS has a **Safety-First** approach to all tasks. We have extended our safety controls by installing GPS monitoring equipment on all company vehicles. The GPS units allow us to track employees while watching their speed.

All on-site personnel are responsible for making sure that all trash and construction materials are removed from the site and disposed of properly.

Safety Training

STS's safety training includes milestones each employee must achieve before we commit resources to that employee. We require all drivers to meet our insurance requirements for safety. Each employee must release authorization for a Motor Vehicle Record check for employment. Our insurance providers verify all information and update us on any concerns or stipulations for hiring this employee. Sheila Knowles reviews the insurance company's findings and meets with STS for determination of employment. Our insurance provider randomly checks employees for moving violations and safety law violations. Once the employee is hired, they are given an STS Safety Manual/Policy and Procedure manual to read and keep in their vehicle or daily logs. The employee must sign the cover sheet and the administrative copy indicating they have read and understand the Safety Guidelines set forth by STS and will follow those rules, as well as report to their supervisor if an infraction occurs. These manuals contain detailed instructions and specifications for each state agency, local agency, and private sector of work to be provided. The manuals are a detailed guide for policy and procedures manual for all field activities, including sensor installations, off-road work, and exact details on how to operate and maintain equipment used by STS. When updates to safety or specifications are issued by the governing agency or changes are made by our managers, we distribute the additions and amendments at our weekly safety meeting. The employee signs a letter of receipt indicating they have read and have updated their manuals. Each employee is given a complete set of safety equipment and signs a letter stating they received these items. STS requires that a safety meeting be held each week. These meetings are held at various times based on the scheduled work. Each employee is required to sign a weekly safety attendance log. At the meetings we find out various issues of concern, replace worn or unsafe safety equipment and discuss the weekly MOT schedule and safety equipment needed to perform the task safely. STS encourages each team member to lead one safety meeting every three months.

STS recognizes the invaluable role training plays in each deployment. We want each of our employees and team members to be safe, courteous, and conscientious of each other and the traveling public. STS has created a cross-training program to better prepare and utilize our most valuable resource – our employees. We require our employees to attend American Traffic Safety Services Association (ATSSA) Maintenance of Traffic (MOT) training and the National Safety Council's (NSCs) work zone training, as well as annual Red Cross First Responder and First Aid Trainings. We feel this allows each team member to





work comfortably in this dangerous environment. Training also gives each team member the opportunity to show leadership skills and allows us to identify growth potential.

The Project Manager is the responsible leader in safety of this contract. The Regional Managers and the Crew Chiefs will also provide leadership and guidance as well. The entire STS team will ensure all safety procedures are followed and met.

Preventative Maintenance

STS has a set of guidelines and procedures in place that exceed industry standards as it relates to preventative maintenance. We require and ensure all leads are secure to the backplane, verify splices are in good standing, and splice kits are used properly. STS provides many levels of preventative maintenance and care for FDOT equipment, as well as our own. We have several checks and balances in place that requires documentation to be completed by each level of Management, Technician and Crew Chief. This documentation includes, but is not limited to, verifying the cabinet is stable and secure, the solar panel and battery is operation and charging correctly, and the GPS coordinates are correct. Good consultants and contractors provide preventative ideas and services that create an open and honest relationship with FDOT. We check batteries, cables, conduits, road and surface conditions, filters, and keep updated logs in each cabinet. These are preventative maintenance procedures that we practice, keeping the data and communication lines open. STS will notify FDOT upon any incident or accident-causing damage to any Telemetry Traffic Monitoring Site (TTMS) site. We verify that all posted information is legible and marked appropriately.

STS has worked with several FDOT districts in Florida on Permanent Traffic Monitoring Systems (PTMS)/TTMS repairs and maintenance. During these contracts, we have routinely performed maintenance and repairs. We have never been over budget, completed unnecessary work, or missed a deadline. We know how to keep TTMS/PTMS sites working without budget-busting invoices. We frequently work daily with our vendors on warranties, repairs, and ticketed items. STS maintains strong working relationships with these vendors through open and honest communication, ensuring that we can provide the best service and products to our clients.

Each construction crew member does their own site check of the cabinet, the solar panel, the poles, the ground pull boxes, and trenches or openings that may affect the status of the site. Team members of STS Construction, Electronics, and Management have the responsibility of maintaining safe and clean TTMS and PTMS locations. We remove graffiti and decals, replace broken components, and unwanted animals from invading the proper workings of a site. Cleaning of TTMS components is a rule, not an exception.

One of our daily services is to keep all TTMS and work areas clean of debris, trash, or unsafe commodities. STS takes photographs, and or videos of each site prior to beginning any work and once all work is completed. The STS field supervisor does a site evaluation and notes all issues in relation to safety, garbage, equipment issues, or situations that may lead to a future issue with the site location, or traffic flowing through the site location. An example of this occurred on I-95 in October 2020. STS was assigned to check damaged sensors that were reported as a hazard at the interstate location. Upon arrival, the STS supervisor noticed the sensor was missing, leaving a hole in the pavement, creating additional issues with the site, which made it unsafe for the traveling public. The STS supervisor made the decision to close the lane down and to seal the damaged area in the roadway and to further seal the roadway to make it safe





for anyone who may travel the roadway. Our concern was that if a motorcyclist or a smaller vehicle were to make direct contact with the exposures they may be injured. The STS crew supervisor contacted the FDOT project manager and provided him with the photos and the safety concerns with the damaged roadway surface. The FDOT project manager approved the emergency lane closure and the repairs to fix the road condition.

c. Management and Marketing methods and approaches suitable for the requested scope of services.

STS sends daily and weekly work summaries to our customers. This gives a complete picture of every activity performed by each individual team member and provides vital insight into the accomplishments and status of each task work order.

The daily work summary provides our office staff, FDOT, and Project Manager with the ability to review time management, cost analysis, and inventory controls daily. The report reflects some of the following items:

- Date
- Location with GPS coordinates
- Time started and completed
- Type of materials used with serial numbers of hardware
- Road characteristics
- Type of equipment on site
- Weather Summary
- FDOT personnel on site

The weekly work summary provides our office staff, FDOT, and the Project Manager an overall view of the status of a task work order, upcoming assignments, and completed assignments. This report reflects material used and allows the office staff and managers to review time management, asset controls, and equipment usage etc. This report also includes updated maps, schematics, digital photos, inspection reports, site evaluation reports, video logging, pavement evaluations, solar and power logs, updated hardware, and warranty cards. These reports will be submitted to FDOT via electronic and hard copy.

In addition to the daily and weekly report and submittals, STS will have technicians and managers available to FDOT for meetings and training sessions that improve the project scope. STS will also keep and post on the FTP website a full list of task work orders over the course of the contract's life.

STS crews and technicians have mobile applications that allow immediate email, uploading of site photos, and captured images from test equipment. STS technicians and managers have Microsoft Teams on their computers to facilitate face-to-face meetings from any location.

As a result of our formal and informal communication practices in place, we are confident STS and FDOT will continue to have a positive relationship. We will continue to provide the department with rapid responses to task work orders with the proper forms and tracking mechanisms.

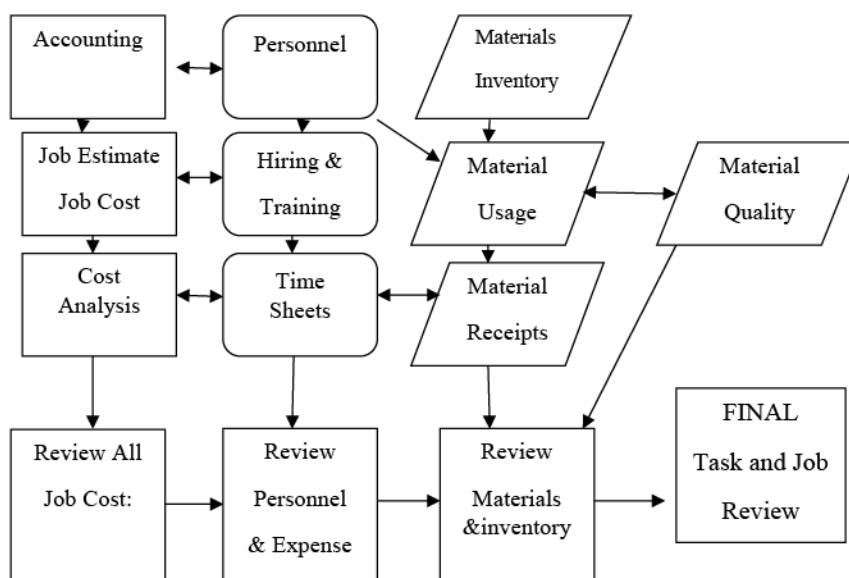
Our managers and technicians will provide and post the following reports as quickly as the same day of service and at least once a week to the FDOT Project Management Team:





- Project Plans, Schedules, and Work Orders
- Status Reports
- Invoices
- Maintenance Logs
- Daily Reports
- Service Call Forms
- Site Summary
- Preventative Maintenance Inspection Forms
- Photos and Scope Readings

We will manage the daily operations, expenditures, inventories, orders, and equipment using the following chart:



Sheila Knowles, President of STS, will provide leadership from the executive level, and Joe Poole P.E., Engineer, will provide project management for this contract. Mr. Poole will assign all task work orders issued by FDOT to the appropriate region. The task work order will also be posted on the STS FTP page. Mr. Poole, P.E., Mr. Kapes, and Ms. Knowles will track the task work order. Our management team has internal meetings each week to discuss any issues, equipment orders, task work orders, and any delays or problems that may delay a project.

Ms. Knowles is supported by a core group of professionals who are given full authority to provide competitive services and make management decisions that best suit the customer's needs.

The ability to control costs and manage personnel is vital to any business, and our ability to provide multiple levels of service will help reduce costs for STS and FDOT. STS will use local personnel in each region, which reduces response times. We will, where appropriate, make recommendations to FDOT for





additional updates and/or repairs that will increase the reliability of the site, minimize near-term returning visits, and maximize the value of mobilization efforts and utilization of assets rather than returning for repeated site visits.

d. Information on any electronic management information system and record management that could be provided and utilized for the project.

STS has an advanced technological infrastructure and support staff to maximize our efforts. We have Bit Wizards (a Microsoft Gold certified partner) providing managed information technology (IT) services to our company. Every member of their staff stays current on industry certifications, and they have a team of IT technicians and network engineers constantly monitoring our computer and network infrastructure. They also have a team of over 21 Microsoft certified developers available to us as we work on special projects together. We have an Azure cloud-based server system, with Active Directory service, hosting our business data. This type of infrastructure has numerous benefits, a few of which include:

- **Security** – Microsoft data centers have the highest level of security available, and their centers are constantly monitored and maintained.
- **Locally Redundant Storage** – Two copies of everything exist separately so that our data is available and accessible even during faults and maintenance activities. This protects the integrity of our data and business records.
- **Accessibility** – Because our data is cloud-hosted, our employees can securely access their work from anywhere. In the event of a disaster, they could even utilize a new computer from anywhere that has internet access. The technicians working on the FDOT contract also have Hotspots with static Internet Protocol (IP) addresses and office employees can tether an internet connection from their cell phones.
- **Speed** – Access to our data is as fast as the internet connection available to the end user. Furthermore, we have a localized server in our Gulf Breeze office that is synchronized with our Azure system to reduce latency and increase work efficiency if our main internet connection is temporarily unavailable.

We have a load balanced FTP service running on our Azure server, to which the FDOT Springhill staff has access, for exchanging information related to the TTMS program. The STS team has Enterprise level licenses for Office 365 which provides us with the latest and greatest version of Microsoft's software and applications. As mentioned above in C.5.a., we have a SharePoint server for which we can provide access to FDOT staff. SharePoint sites allow us to share calendars, emails, documents with collaboration and revision controls, schedules, and more.

Each of our vehicles is equipped with Verizon GPS systems that allow our office to track each vehicle in our fleet. We know their exact location, speed, time stopped, turn on turn off times, and it allows us to track mileage and fuel consumption. This system has been in place for several years and has proven to be a cost control item that allows us a level of comfort in knowing we can provide FDOT with prompt response with the proper personnel at a lower cost to STS and FDOT.





STS has an FDOT-approved job cost system, and an independent firm audits this system annually. We also conduct internal performance evaluations to ensure we are maintaining a positive level of service to our clients and following our business plan.

D. STATEMENT OF PERFORMANCE

D.1. Provide information on the company's experience for clients of similar type, size, function, and complexity. Describe all (5) in the last 20 years, in order of most relevant to least relevant, which demonstrate the Firm's capabilities to perform services for FDOT. For each account, the following information must be provided:

- a. The client name, location and dates during which services were performed.
- b. Brief description of overall account.
- c. Exact services performed by your firm.
- d. The client's stated satisfaction in service of your firm. (Include letters from client, if applicable)
- e. The client's current contact information.

In the following pages, we have provided client references. Please see the Letters of Support section for letters from our clients and our vendors.

Florida Department of Transportation – Central Office	
Client Name	Florida Department of Transportation – Central Office
Client Contact Information	Eric Griffin 850-414-4709 eric.griffin@dot.state.fl.us 605 Suwannee Street, MS 27 Tallahassee, FL 32399
Contract Numbers and Dates	Statewide Traffic Monitoring System (TMS) Installation and Maintenance Contract: BE804, Dates: June 2019 – January 2022 Previous Contract: BE108, Dates: February 2016 – June 2019 Previous Contract: BDV50, Dates: January 2013 – January 2016 Previous Contract: BDM28, Dates: November 2008 – December 2012
Contractor Type	Prime Contractor

Demonstrated results: STS was under contract with the State of Florida Central office to provide maintenance and repairs of Traffic Monitoring Stations (TMS). The sites included Automated Data Recorders and Weigh-in-Motion (WIM) stations throughout Florida. The responsibilities include the daily performance of road sensors and data collection at these locations. STS repairs sensors, maintains cabinets, installs solar panels and communications equipment, and provides routine maintenance at all





330 stations. We were also responsible for site selections and engineering of TTMS, WIM, Non-Intrusive technologies, and Portable Traffic Monitoring Stations (PTMS) as an element of the contract. STS worked with each District office to determine the placement and installation of Central Office funded PTMS implementations.

Since STS has worked on this contract, FDOT has experienced more 100% operational days than ever before, meaning every TTMS under the responsibility of the Central Transportation Statistics Office is operating and collecting data.

STS has been working on a similar contract with FDOT since January 2009. The approximate number of Task Work Orders (TWOs) issued under these contracts are:

- Year 2009 – 136
- Year 2010 – 156
- Year 2011 – 199
- Year 2012 – 130
- Year 2013 – 155
- Year 2014 – 138
- Year 2015 – 114
- Year 2016 – 98
- Year 2017 – 116
- Year 2018 – 156
- Year 2019 – 67
- Year 2020 – 176
- Year 2021 – 105
- Year 2022 – 43

The Central office received additional funding with a short expiration date for repair and construction of PTMS. STS performed all field reviews and completed many TWOs for the PTMS work in various Districts throughout the state.

The Florida Department of Transportation Permanent Counting Program is considered one of the top programs in the country by the FHWA. STS is proud to be a partner in this process and we use our knowledge gained from our relationship with the FDOT Transportation Data & Analytics Office to provide guidance in other states that we offer services. STS in return provides new resources and technologies to the FDOT Transportation Data & Analytics office that may provide more positive outcomes for future development.





Florida Department of Transportation – District 4	
Client Name	Florida Department of Transportation – District 4
Client Contact Information	Kara Schwartz 954-777-4364 Kara.Schwartz@dot.state.fl.us 3400 West Commercial Blvd Fort Lauderdale, FL 33309
Contract Numbers and Dates	Districtwide Portable Traffic Monitoring Sites (PTMS) Repair of Traffic Counters Contract: BE734, Date: April 2019 – April 2024 Previous Contract: BE051, Date: October 2015 – October 2016 Previous Contract: BDV16, Date: November 2012 – October 2015
Contractor Type	Prime Contractor

Demonstrated results: STS and The Florida Department of Transportation District 4 (D4) Planning and Development Office have been in Partnership since November 2012. During this time, STS and D4 have worked together to maintain the 200+ PTMS stations throughout the district. STS has provided the district with on-site inspections and design build guidelines to create a streamlined program for maintenance and construction. Since 2012 STS and FDOT D4 have repaired over 60 count stations, inspected over 100 count stations, and supervised the installation of over 30+ construction build PTMS sites throughout the district. The FDOT D4 office and STS work together in the district to train other consultants, FDOT employees and contractors on the FDOT Transportation Data & Analytics Office guidelines for installing and testing sensors.

Since 2012, STS and FDOT D4 have managed the installation of new sensor installations on I-595 Tollways and shared in the success of the building a database of PTMS Count Stations that serve as the backbone to the district's count program.





Florida Department of Transportation – District 7	
Client Name	Florida Department of Transportation – District 7
Client Contact Information	Andrew Tyrell, CPM 813-975-6458 andrew.tyrell@dot.state.fl.us 11201 N. McKinley Drive Tampa, FL 33612
Contract Numbers and Dates	Traffic Statistics Program District 7 Contract: C-9M57, Date: December 2015 – December 2022 Previous Contract: C-9924, Date: January 2013 – January 2018 Previous Contract: C8Q09, Date: April 2008 – April 2013
Contractor Type	Prime Contractor

Demonstrated results: STS provided data and construction services to the FDOT District 7 (D7) office of Statistics. Our contract included the collection of portable data via road tube placements, collecting data for the 300+ PTMS located throughout the district. STS provided technical support through engineering, inspection, installation, and maintenance of PTMS sites. STS developed a training program used by FDOT inspectors for the sole purpose of PTMS inspections and have trained over 200 FDOT employees statewide to improve the installation of PTMS sites under this contract. STS currently provides services that include site development, site management, insurance claims to damaged PTMS sites, and trained FDOT staff members in specifications and design of PTMS sites. STS also provided avenues for the FDOT D7 office with innovative technologies and systems that improve the district count program. STS has provided the district with new camera recording technologies, and data collection devices that provide Per Vehicle Records (PVR) and systems that aid intermodal studies and traffic operations for safety.





Georgia Department of Transportation – Office of Transportation Data	
Client Name	Georgia Department of Transportation – Office of Transportation Data (OTD)
Client Contact Information	Eric Conklin 404-347-0699 econklin@dot.ga.gov 5025 New Peachtree Road, North Annex Chamblee, GA 30341 Traffic Monitoring Program Data
Contract Numbers and Dates	Contract 48400-196-DOT0000893-001 Date: November 2017 – November 2024
Contractor Type	Prime Contractor

Demonstrated results: STS currently owns and operates the GDOT 200+ Automatic Traffic Recorder (ATR) Permanent Data Program. We are responsible for the daily reporting of data from automated data recorders and communications equipment throughout the state of Georgia. STS is also responsible for the STS-owned and operated Hurricane Evacuation Data and Traffic Monitoring sites throughout the state in case of emergency evacuations. The contract includes the monthly leasing of ATR and communication equipment, maintenance of State-owned facilities and hardware, daily/monthly data, and sensors as well as Welcome Centers and WIM sensors, calibrations of WIM sites, and site evaluations.

Since STS began assisting GDOT OTD in 2007, their successful daily reporting of ATR TTMS has risen from approximately 65 to over 200 operational stations. The daily average of successful polling and data transfers are currently at the highest levels of acceptance in GDOT history. STS and the GDOT Office of Transportation Data provide emergency data for hurricane evacuations in a live format for the office of Traffic Operations through the ATR TTMS program. During our 15 years of service with GDOT, STS has upgraded all equipment, communications, and power platforms to meet FHWA's ever-changing requirements. STS routinely provides maintenance and construction in the Atlanta area on some of the busiest roads in the Southeast. STS's highly trained personnel create and submit Maintenance of Traffic (MOT) Plans, assign police officers, create, and submit construction plans, and fully implement these plans for the installation of up to ten lanes of Loop-Piezo-Loop, Piezo-Loop-Piezo, or Loop-Loop installations in a 6- to 7-hour restricted time limit. The State of Georgia is recognized as one of the top five permanent count station data programs in the United States. Coordination between GDOT and STS has allowed both entities to achieve this prominent level of success.





Georgia Department of Transportation – Office of Transportation Data	
Client Name	Georgia Department of Transportation – Office of Transportation Data
Client Contact Information	Paul Tanner 404-347-0699 ptanner@dot.ga.gov 5025 New Peachtree Road, North Annex Chamblee, GA 30341
Contract Numbers and Dates	Automatic Traffic Recorder Installation, Maintenance/Upgrade Services Contract: 48400-1200000000021, Date: June 2011 – June 2016 Previous Contract: 48400-107-0000003110, Date: June 2007 – June 2011
Contractor Type	Prime Contractor

Demonstrated results: STS managed the day-to-day operations of the GDOT 200+ plus ATR Permanent Data Program. The responsibilities of the contract require the daily reporting of data from automated data recorders and communications equipment throughout the state of Georgia. We are also responsible for the State-operated Hurricane Evacuation Data and Traffic Monitoring sites throughout the state in case of emergency evacuations. The contract includes the following responsibilities monthly leasing of ATR equipment, communication equipment, maintenance of State-owned facilities and hardware, daily/monthly data and services, construction, and maintenance of permanent road sensors, as well as Welcome Centers and WIM sensors throughout the state.

Since 2007, the partnership between the GDOT OTD office and STS has seen the daily reporting of ATR TTMS go from approximately 65 operational stations to over 200. The daily average of successful polling and data transfers are at the highest levels of acceptance for GDOT in their history. STS and GDOT OTD provided emergency data for Hurricane Evacuations in a live format for the office of Traffic Operations through the ATR TTMS program.

During the eight years of service with the GDOT, STS upgraded all equipment, communications, and power platforms to meet the ever-changing requirements of the FHWA and other regulatory agencies.

STS routinely provides maintenance and construction to some of the busiest roads in the Southeast located in the Atlanta area. STS's highly trained personnel create and submit a MOT plan, assign police officers, create, and submit a construction plan, and fully implement the plan for the installations of up to ten lanes of Loop-Piezo-Loop, Piezo-Loop-Piezo, or Loop-Loop installations in a 6- to 7-hour restricted time limit.

The State of Georgia is recognized as one of the top five permanent count station data programs in the United States. The partnership between GDOT and STS has allowed both entities to achieve this elevated level of success.





Ohio Department of Transportation	
Client Name	Ohio Department of Transportation
Client Contact Information	Sandra Mapel 614-644-0291 Sandra.Mapel@dot.ohio.gov 1980 West Broad Street Columbus, OH 43223
Contract Numbers and Dates	Maintenance and Repair of Traffic Data Collection Sites Contract: 157-20, Date: July 2021 – July 2023 Contract: 064-16, Date: June 2018 – May 2018 Previous Contract: 064-14, Date: May 2014 – April 2016
Contractor Type	Prime Contractor

Demonstrated results: Since May of 2014, STS has been responsible for completing task work order services for permanent traffic monitoring sites including vehicle classification and WIM. This work has included installation of new Automatic Vehicle Classification (AVC) and Weigh-in-Motion sites, piezo and loop installations, and traffic control. STS has provided on-call service to ODOT (Ohio Department of Transportation) for the maintenance and construction of the ODOT TTMS program throughout the duration of this contract. STS introduced innovative technologies and construction techniques that have advanced the installation program to a new level of success. STS has installed six lanes of Loop-Piezo-Loop sensors during a single 8-hour work period. Before using STS, ODOT had high volume/speed areas where they could not install sensors. STS installed eight lanes of Loop-Piezo-Loop to meet the requirements set forth by the ODOT Construction and Maintenance Office. STS has serviced over 45 heavy volume traffic locations under this seasonal on-call contract.





Ohio Department of Transportation

Client Name	Ohio Department of Transportation
Client Contact Information	Sandra Mapel 614-644-0291 Sandra.Mapel@dot.ohio.gov 1980 West Broad Street Columbus, OH 43223
Contract Numbers and Dates	Non-Intrusive Contract Contract: 241-23, Date: December 2022 – December 2024 Contract: 157-20, Date: May 2019 – May 2022 Contract: 523a-16, Date: May 2016 – April 2019
Contractor Type	Prime Contractor

Demonstrated results: STS has installed, calibrated, maintained, and provided QA/QC data via DrakeWell polling to the Ohio Department of Transportation for 48 Non-Intrusive Wavetronix sites. They have issued a TWO for an additional ten sites.

Oklahoma Department of Transportation – Planning Division

Client Name	Oklahoma Department of Transportation – Planning Division
Client Contact Information	Brian Thompson 405-736-9469 bthompson@odot.org 200 NE 21st Street Oklahoma City, OK 73105
Contract Numbers and Dates	Traffic Monitoring Systems (TMS) Annual Repair Collection Contract: N/A, Date: November 2012 – November 2014
Contractor Type	Prime Contractor

Demonstrated results: STS was under contract with the Oklahoma Department of Transportation (Data Collection Branch) to provide maintenance and calibration services to 96 automatic vehicle classifier and WIM sites throughout Oklahoma. Through the contract, STS provided services that included the installation of new AVC and WIM sites, piezo & loop installations, solar power conversions, WIM site calibrations and traffic control.

OKDOT and Southern Traffic Services worked together to install over 100 lanes of Sensor Installations during the two-year contract. In January of 2013, OKDOT and STS worked together to install ten lanes of new Loop-Piezo-Loop Installations on the newly created I-40 Oklahoma City Crosstown in three days to meet the deadline for the grand opening of the Expressway. STS created a site development plan, a MOT plan, a power platform plan, and sensor layout plan for the downtown locations within ten days (about





one and a half weeks) after initial contact from OKDOT. STS provided OKDOT with innovative technologies in construction installations, sensor installations, and power platforms to enhance their program. This contract agreement was an on-call seasonal contract due to the inclement weather in the Midwest. STS mobilized full crews and electronics technicians in a manner of days to meet several requests presented by the OKDOT. STS also provided OKDOT with Certified Calibration of the WIM program at over 30+ sites. STS built numerous new WIM sites to carry their program into new areas of data collection of WIM and WIM techniques.

D.2. Describe proposed method of quality assurance for all services required under this RFP.

STS hires individuals who have the skill set and experience necessary to install and maintain a robust and accurate traffic monitoring system. The managers and technicians assigned to the FDOT contract are leaders in the industry and will be responsible for ensuring quality control.

Over the last 30 years, STS has risen to the top of the field for data collection services – made possible through building skilled, experienced teams that strive to provide top quality service every day. All work performed under this contract will be thoroughly inspected by a responsible party, other than those performing the work. This practice will not only provide FDOT with greater confidence in our workmanship but should provide an incentive for each construction crew member to perform at their best.

The STS Quality Assurance Program combines FDOT specifications and standards, equipment manufacturer specifications and standards, and our real-world knowledge. We will apply this to all functions of the contract work including:

Site Installation Repair

- Data Collection
- Testing

Our construction crew chief will verify the following:

Maintenance of Traffic (MOT)

- MOT plans have proper approvals.
- Proper agencies have been notified.
- The actual placement of MOT equipment is according to the approved plan.
- MOT is being monitored during the period of work.
- Law enforcement requirements have been met.
- Associated paperwork has been properly completed.
- Record (written/photograph/video) issues and solutions.

Sensors

- FDOT and the manufacturer's installation procedures have been met.
- Record (written/photograph/video) issues and solutions.





Cabinet

- FDOT and the manufacturer's installation procedures have been met.
- Record (written/photograph/video) issues and solutions.

Pole/Hand Box

- Verify FDOT and the manufacturer's installation procedures were met.
- Record (written/photograph/video) issues and solutions.

Power and Communications

- Verify FDOT and the manufacturer's installation procedures have been met.
- Record (written/photograph/video) issues and solutions.

Grounding and Lightning Protection

- Verify FDOT and the manufacturer's installation procedures have been met.
- Record (written/photograph/video) issues and solutions.

Traffic Recorders

- Verify FDOT and the manufacturer's installation procedures have been met.
- Record (written/photograph/video) issues and solutions.

Site Appearance

- Verify FDOT specifications and standards have been met in the cleanup and site preparation.
- Record (written/photograph/video) issues and solutions.

ATR Station Inspection Form

- Fill out form accurately and completely.
- Record (written/photograph/video) issues and solutions.

STS understands that FDOT utilizes several types of TTMS. These systems include various types of embedded road sensors that transmit signals to an electronics unit housed in a roadside secured cabinet. The electronics unit interprets the signal from the various sensors and stores the data until the system is queried by the Transportation Statistics Office's polling computer via telemetered land phone line or cellular telephone and modem. The PTMS systems are like the TTMS systems, with the exception being the PTMS system does not have a communications system in place, or a source of power replenishment. The PTMS units are moved from site to site and the data captured is downloaded onto a personal computer to be processed and reviewed later.

STS has read the contract proposal and the items listed in **Exhibit C – Price Proposal Form**. We are fully aware of the types of equipment we are required to use during the life of the contract. We understand the repairs are to be TTMS and PTMS and associated equipment statewide.

STS understands the Florida Department of Transportation Office of Statistics will use the following issues for guidance on TTMS and PTMS site repairs and maintenance on this contract.





FDOT Standard Specifications for Road and Bridge Construction and its supplements.

- FDOT's Design Standards for Design, Construction Maintenance and Utilities Operations on the State Highway System
- The Utility Accommodation Manual
- The Minimum Specifications for Traffic Control Signal Devices

We also understand the contract requires that we supply all products, equipment, and incidental items, and that the designated FDOT Project Manager must approve all items. We will submit for approval all product approval numbers, cut sheets, and shop drawings for each product.

STS warranties all work for one year from the date of installation. We will transfer all or any manufacturer's warranty to the department upon acceptance. STS will replace any product that is defective prior to final acceptance at our expense.

Work Schedule and Plan for Completing Assignments

- FDOT Project Manager will initiate a Task Work Order (TWO).
- The TWO will specify the TTMS or PTMS to be serviced, the service to be performed, and the response will include a detailed cost estimate to be incurred.
- A separate TWO will be issued for each site to be serviced.
- In some cases, this will not include sites for troubleshooting purposes.
- Order acceptance inspection.
- Authorize invoicing of TWO.
- Approve invoice submitted.

Joe Poole, P.E. will:

- Acknowledge receipt of the written TWO within seven working days.
- Return one copy of the signed TWO to the FDOT project manager, acknowledging and accepting the estimated costs of the assignment.
- Create the file for TWOs and FDOT logbook. The logbook is the master log for all TWOs.
- Post the TWO on the File Transfer Protocol (FTP) at STS.
- Assign the Regional Manager, Regional Electronics Technician, and Crew Chief for the TWO. He will also send an electronic copy to Technicians, Regional Manager, and Administrative Office.
- Set up the work schedule with the FDOT Project Manager.
- Update the TWO files in FTP, file folder, and FDOT logbook.
- Review the data provided by the assigned Technician and Regional Manager.
- Review the inspection forms update the FTP, TWO file, and FDOT TWO logbook.
- Forward all forms and files to FDOT.
- Notify FDOT when the site is ready for acceptance inspection.
- Receive permission to invoice for TWO.
- Send TWO invoice to FDOT.
- Close out TWO and update FTP and TWO logbook.





Mark Knowles, Terry Robinson, Mike Kapes, Randy Bingham, and Jeff James will:

- Review TWOs.
- Post on STS FTP the TWO scheduled start date of work issued by STS Project Manager and FDOT Project Manager. Notify the Crew Chief and Technicians assigned to TWO and respond to any FDOT request.
- Notify the Project Manager of receipt of a TWO and review cost estimates with Project Manager.
- Review TWOs with assigned Electronics Technician.
- Follow up with Electronics Technician and Crew Chief the diagnostic results.
- Review the TWO updates on FTP posted by the Technician and Crew Chief.
- Report to Project Manager the technician's results and that repairs are complete.
- Make site visits BEFORE and AFTER acceptance inspection for Quality Control and Quality Assurance.
- Note any issues or concerns with Project Manager for Warranty and Manufacturer Controls.
- Contact the FDOT Project Manager if the technician's findings determine other work is required. The technician will follow instructions consistent with contract.
- Notify the Project Manager the site is operational.
- Update the final TWO closeout notes.

Sandy Andrews and Chris Jewell will:

- Review TWO documents.
- Visit the site listed on the TWO:
 - a. Inspect the site.
 - b. Record test procedure readings.
 - c. Record scope readings.
 - d. Update schematics.
 - e. Take digital photos.
 - f. Review MOT requirements.
 - g. Contact FDOT Project Manager and STS Project Manager if repair can be made while on site visit.
 - h. Make detailed notes if additional TWOs are required.
 - i. Contact FDOT polling office once site is repaired.
 - j. Verify all information on hardware inside cabinet.
 - k. Update cabinet logbook.
- Update TWO notes on FTP.
- Notify the Project Manager of findings.
- Re-visit site after any additional repairs are made by construction crew.
 - a. Inspect all completed repairs, do complete site inspection.
 - b. Complete new schematics and update wiring labels inside cabinet, if necessary.
 - c. Sketch site and create electronic copies for STS Project Manager and FDOT Project Manager.
 - d. Test all electronic sensors.
 - e. Record all readings from sensors.
 - f. Reprogram or reset hardware.





- g. Update cabinet logbook.
- h. Take digital photos.
- i. Complete Quality Assurance and Quality Control Inspection.
- j. Send to Project Manager and Regional Manager all files and drawings.

Mike Kapes and Frank Stringer will:

- Review TWOs along with Electronic Technicians.
- Visit task work site location.
- Design MOT plan for repairs.
- Notify district FDOT officials to verify construction plans and MOT plans.
- Update FTP files.
- Manage construction team in repairs.
- Work with Electronics Technicians and verify sensor installations.
- Manage all construction crew activities.
- Provide Quality Control and Quality Assurance program leadership.
- Manage material usage.
- Produce and provide copies of Daily Work Summary to Project Manager and Regional Manager.
- Upload all reports to FTP.
- Monitor tracking system of reports to insure authenticity and accuracy.
- Verify all manufacturer warranty cards are completed and provided to the FDOT Project Manager

Workflow Streamlined

- Receive TWO from FDOT Statistics Office Project Manager.
- Project Manager reviews TWO.
- Project Manager assigns Regional Manager and Technician to inspect site.
- Technician inspects site/ Regional Manager verifies findings.
- Technician completes site inspection report.
- Project Manager reviews Technician report.
- Project Manager reports and sends the site information to the FDOT Project Manager.
- Project Manager reviews and repairs cost estimate.
- Project Manager signs TWO and returns to FDOT Project Manager.
- Project Manager updates FTP and files.
- Project Manager schedules site repairs.
- Regional Managers/Crew Chiefs contact district offices for MOT and updates.
- Construction crew repairs and installs sites.
- Technician does post construction inspection.
- Technician completes site inspection forms.
- Technician contacts state polling office.
- Technician monitors traffic and verifies accuracy.
- Technician notifies STS Project Manager of work completion.
- Project Manager reviews all reports and forwards to FDOT Project Manager.
- FDOT Project Manager requests acceptance inspection.





- FDOT Project Manager allows TWO invoicing.
- STS Project Manager request STS administrators to invoice for TWO.
- Accounting office invoices FDOT through the Consultant Invoice Transmittal System (CITS).
- Invoice is reviewed against cost estimate by FDOT Project Manager.
- TWO is paid by FDOT.

Common Delivery of Task Work Order:

- Site is inspected by Electronics Technician (Marlin, STS).
- Site inspection report is transmitted to FDOT.
- FDOT issues TWO for repairs.
- TWO is signed and accepted by Project Manager.
- Site is re-inspected to verify work on TWO and to identify any other issues.
- Specialized equipment for repair is ordered (if needed).
- MOT plan submitted to District Office.
- MOT plan is accepted by District Office.
- Work Plan is created by Regional Manager and forwarded to FDOT/ Project Manager.
- Work is started.
- If work beyond the initial TWO is needed and occurred after initial inspection, the Regional Manager/Electronics Technician will either phone or email the FDOT Project Manager for approval of additional work.
- Additional work is completed after documented approval from FDOT.
- Electronics Technician will inspect and re-install all components replaced to verify all is working properly.
- Electronics Technician will phone the FDOT for polling purposes to ensure the site is working and communications at the site is operational.
- Electronics Inspector will photograph, update drawings, re-label wiring, schematics, and test all components at site.
- A final inspection is requested.
- A final inspection "passes".
- Final TWO is submitted to FDOT with all documentation of any additional work, components, or expenditures, including receipts and reports.
- Final TWO is approved for invoicing.
- Final TWO is sent to accounting.
- Accounting invoices final invoice attaching all pertinent documents.
- Invoice is paid.





REQUIRED FORMS

E.1. Drug-Free Workplace Program Certification (Form 375-040-18)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DRUG-FREE WORKPLACE PROGRAM CERTIFICATION	375-040-18 PROCUREMENT 03/17
287.087 Preference to businesses with drug-free workplace programs. --Whenever two or more bids, proposals, or replies that are equal with respect to price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid, proposal, or reply received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall: (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition. (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations. (3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1). (4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction. (5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted. (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section. Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program in accordance with the provision of Section 287.087, Florida Statutes, as stated above? ☒ YES ☐ NO NAME OF BUSINESS: <u>Southern Traffic Services, Inc.</u>	





E.2. Vendor Certification Regarding Scrutinized Companies Lists (Form 375-030-60)

Florida Statutes 287.135	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS	RFP/SHELL 12/16/2021 375-030-60 PROCUREMENT OGC – 06/18
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Respondent Vendor Name: Southern Traffic Services, Inc.

Vendor FEIN: 62-1368537

Vendor's Authorized Representative Name and Title: Sheila R. Knowles - President

Address: 2911 Westfield Road

City: Gulf Breeze State: FL Zip: 32563

Phone Number: 850-934-5732 ext. 107

Email Address: sknowles@rekor.ai

Section 287.135, Florida Statutes prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of any amount if, at the time of contracting or renewal, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135, Florida Statutes, also prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of \$1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By: *Sheila R. Knowles*

who is authorized to sign on behalf of the above referenced company.

Authorized Signature Print Name and Title: Sheila R. Knowles / President

Date: 3/24/2023





E.3. Bid Opportunity List

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		375-040-62 PROCUREMENT 01/16
BID OPPORTUNITY LIST FOR COMMODITIES & CONTRACTUAL SERVICES		
Prime Contractor: <u>Southern Traffic Services, Inc.</u>		
Address/Phone Number: <u>2911 Westfield Road, Gulf Breeze, FL 32563</u>		
Procurement Number: <u>DOT-RFP-23-9053-SD</u>		
49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. This list must include all subcontractors contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, and 7 for themselves, and their subcontractors.		
1. Federal Tax ID Number: <u>621368537</u> 2. Firm Name: <u>Southern Traffic Services, Inc. (STS)</u> 3. Phone: <u>(800) 786-3374 ext. 107</u> 4. Address: <u>2911 Westfield Road</u> <u>Gulf Breeze, FL 32563</u> _____ _____ 5. Year Firm Established: <u>1988</u>	6. ☐ DBE ☒ Non-DBE	7. Annual Gross Receipts ☐ Less than \$1 million ☐ Between \$1 - \$5 million ☐ Between \$5 - \$10 million ☐ Between \$10 - \$15 million ☒ More than \$15 million
1. Federal Tax ID Number: _____ 2. Firm Name: _____ 3. Phone: _____ 4. Address: _____ _____ _____ 5. Year Firm Established: _____	6. ☐ DBE ☐ Non-DBE	7. Annual Gross Receipts ☐ Less than \$1 million ☐ Between \$1 - \$5 million ☐ Between \$5 - \$10 million ☐ Between \$10 - \$15 million ☐ More than \$15 million
1. Federal Tax ID Number: _____ 2. Firm Name: _____ 3. Phone: _____ 4. Address: _____ _____ _____ 5. Year Firm Established: _____	6. ☐ DBE ☐ Non-DBE	7. Annual Gross Receipts ☐ Less than \$1 million ☐ Between \$1 - \$5 million ☐ Between \$5 - \$10 million ☐ Between \$10 - \$15 million ☐ More than \$15 million
1. Federal Tax ID Number: _____ 2. Firm Name: _____ 3. Phone: _____ 4. Address: _____ _____ _____ 5. Year Firm Established: _____	6. ☐ DBE ☐ Non-DBE	7. Annual Gross Receipts ☐ Less than \$1 million ☐ Between \$1 - \$5 million ☐ Between \$5 - \$10 million ☐ Between \$10 - \$15 million ☐ More than \$15 million
AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:		
BID SHEET (Invitation to Bid – ITB) PRICE PROPOSAL (Request for Proposal – RFP) REPLY (Invitation to Negotiate – ITN)		





E.4. DBE Participation Statement

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ANTICIPATED DBE PARTICIPATION STATEMENT

375-040-63
PROCUREMENT
02/07

The Prime contractor is encouraged to complete this form and submit this form with your bid/price proposal/reply. Submission of this form is not mandatory.

Procurement Number: DOT-RFP-23-9053-SD

Contractor's Name: Southern Traffic Services, Inc.

Contractor's FEID Number: 62-1368537

Is the prime contractor a Florida Department of Transportation Certified Disadvantaged Business Enterprise (DBE)?
(yes ☐) (no ☒)

Expected amount of contract dollars to be subcontracted to DBE(s): \$ 0

OR

It is our intent to subcontract 0 % of the contract dollars to DBE(s). Listed below are the proposed DBE sub-contractors:

<u>DBE (s) Name</u>	<u>Type of Work/Specialty</u>	<u>Dollar Amount/Percentage</u>

Submitted by: Sheila R. Knowles Title: President
(Type or Print)

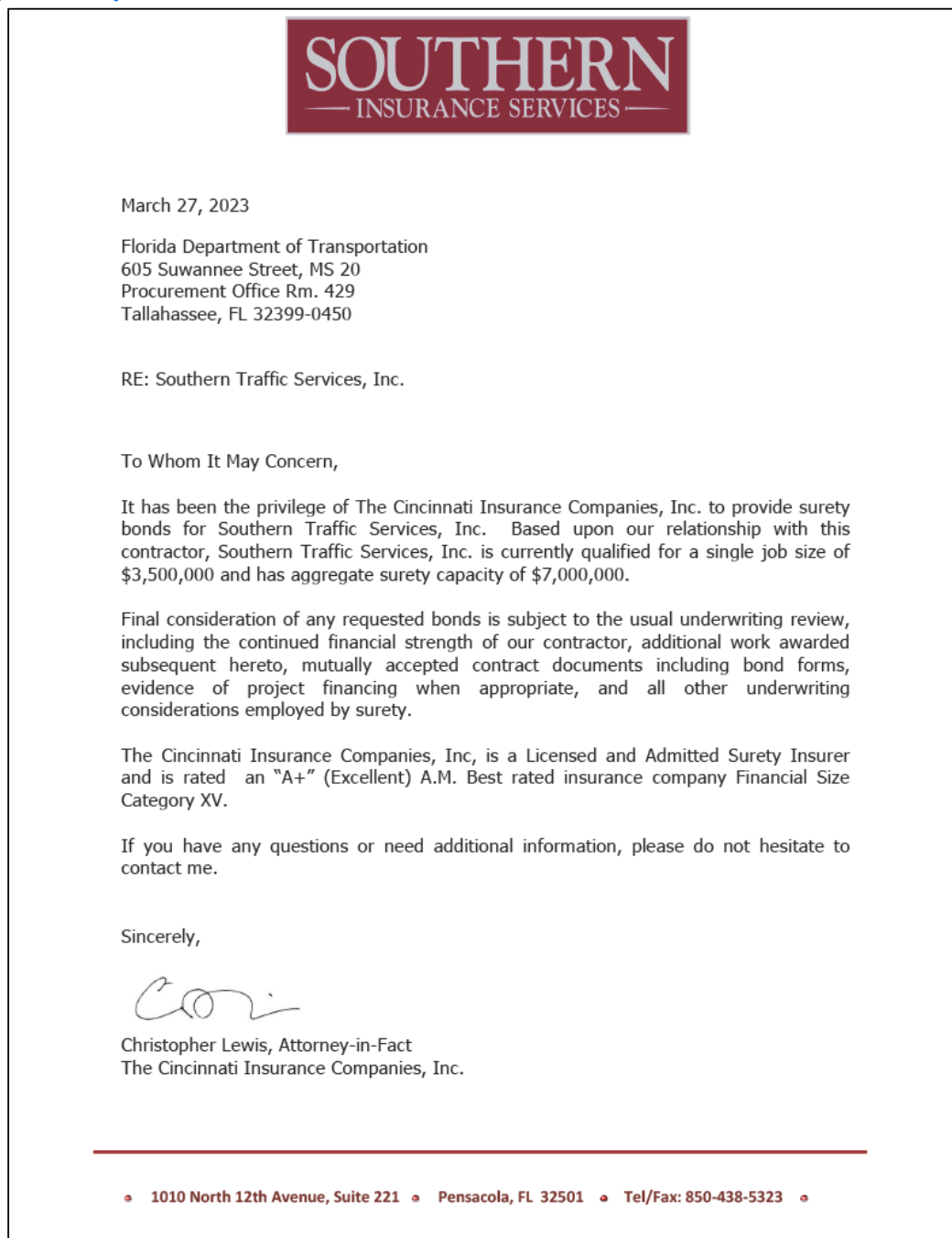
Date: 3/24/2023

Note: This information is used to track and report anticipated DBE participation in FDOT contracts. The anticipated DBE amount will not become part of the contractual terms.





E.5. A letter from a surety company to document your ability to obtain the required Performance Bond, as per Section 12 of the Special Condition, is included in the Technical Proposal (if applicable).





THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Christopher Lewis and/or Melissa Wright

of Pensacola, Florida its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:
Any such obligations in the United States, up to
Ten Million and No/100 Dollars (\$10,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

"RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973:

"RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company."

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 8th day of March, 2017.



STATE OF OHIO) ss:
COUNTY OF BUTLER)

THE CINCINNATI INSURANCE COMPANY

Stephen A. Justice
Vice President

On this 8th day of March, 2017, before me came the above-named Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



Mark J. Huller
MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration
date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio.
this 27th day of March, 2023



Steven D. Quinn
Secretary





E.6. Performance Bond Form 375-040-27

STS will provide this form upon award.





E.7. E-Verify (Form 375-031-06)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION E-VERIFY	375-031-06 PROCUREMENT OGC - 10/21
 Contract No: _____	
Financial Project No(s): _____	
Project Description: <u>Statewide Continuous Count Station Installation and Maintenance</u>	
 In accordance with the contract, the Vendor/Consultant/Contractor hereby acknowledges and certifies compliance with Section 448.095, Florida Statutes. The Vendor/Consultant/Contractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Vendor/Consultant/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system. The Vendor/Consultant/Contractor shall comply with Section 448.095, Florida Statutes, for the duration of the contract term, including any extensions or renewal periods.	
Company/Firm: <u>Southern Traffic Services, Inc.</u>	
Authorized Signature: <u></u>	
Title: <u>President</u>	
Date: <u>3/24/2023</u>	





E.8. Addenda Acknowledgement

PAGE 1 of 3

FLORIDA DEPARTMENT OF TRANSPORTATION

Procurement Office

605 Suwannee Street, MS 20

Tallahassee, Florida 32399-0450

Phone: (850) 414-4477

PAGE 1 of 3

QUESTIONS AND ANSWERS

DATE: March 21, 2023

BID No.: DOT-RFP-23-9053-SD

BID Title: Statewide Continuous Count Station Installation and Maintenance

OPENING DATE: Monday, April 3, 2023 @ 11:00AM EST

QUESTIONS AND ANSWERS PROVIDED BELOW

Bidders/Proposers must acknowledge receipt of this Addendum by completing and returning to the Procurement Office, by no later than the time and date of the bid/proposal opening. **Failure to do so may subject the bidder/proposer to disqualification.**

Sally Dobson, Procurement Agent

Southern Traffic Services, Inc. (STS)

Bidder/Proposer

2911 Westfield Road, Gulf Breeze, FL 32563

Address

Sheila R. Knowles, President



Submitted by (Signature)





PAGE 2 of 3

FLORIDA DEPARTMENT OF TRANSPORTATION
Procurement Office
605 Suwannee Street, MS 20
Tallahassee, Florida 32399-0450
Phone: (850) 414-4477

QUESTIONS AND ANSWERS

DATE: March 21, 2023

BID No.: DOT-RFP-23-9053-SD

BID Title: Statewide Continuous Count Station Installation and Maintenance

OPENING DATE: Monday, April 3, 2023 @ 11:00AM EST

QUESTIONS AND ANSWERS

Question 1	Is there a place to find out what products to provide a price for? Example is the Anemometer, Google results don't show anything for the part number listed "A-Meter" and the FDOT approved products list doesn't have anything either.
Answer 1	This product is being considered on the Innovative Product List (IPL); therefore, vendor is to bid on the best price for furnishing and installing this device at a traffic monitoring stations without triggering a major issue to power consumption.
Question 2	On the price proposal form there is a unit of measure "100 Per LF", and I need to know what that means. Does it mean give a price for what every 100 linear feet would cost? OR does it mean how many hundreds of dollar a linear foot would cost?
Answer 2	This means "100 per linear feet".
Question 3	Is there any way to sub out some of the work? The document talks about DBE and MBE contractors and how much work is intended to be given to them. So I would assume that means that some of the work can be subcontracted.
Answer 3	No, this contract does not allow subconsultants. Diversity Achievement: The Department encourages DBE firms to compete for Department contractual services projects, and also encourages non-DBE and other minority contractors to use DBE firms as sub-contractors. The Department, its contractors, suppliers, and consultants shall take all necessary and reasonable steps to ensure that disadvantaged businesses have an opportunity to compete for and perform contract work for the Department in a nondiscriminatory environment. The Department shall require its contractors, suppliers, and consultants to not discriminate on the basis of race, color, national origin, religion, gender, age, or disability in the award and performance of its contracts.





PAGE 3 of 3

Question 4	The part about Liquidated damages, are there exceptions for materials delays and/or weather delays?
Answer 4	Work must be completed within 60 days of acknowledgment of the written task work order. Any exceptions shall be requested in writing to the Department's Project Manager. It shall be the responsibility of the Vendor to ensure at all times that sufficient time remains in the Project Schedule within which to complete services on the project. In the event there are delays which will affect the project completion date, the Vendor shall submit a written request to the Department which identifies the reason(s) for the delay and the amount of time related to each reason. The Department shall review the request and make a determination as to granting all or part of the requested extension.





LETTERS OF SUPPORT



CERTIFICATE OF AUTHORIZATION

SOUTHERN TRAFFIC SERVICES, INC.

This certifies the company has been approved for installation of Intercomp high-speed weigh-in-motion (HS-WIM) strain gauge strip sensor in October 2022 and is hereby authorized to perform this function without further supervision of Intercomp provided they comply with all guidelines and instructions relating to Intercomp HS-WIM sensor installations.

Leonardo Guerson
WIM Product Manager and Application Engineer
Intercomp Company

INTERCOMP COMPANY ~ 3839 COUNTY ROAD 116 ~ MEDINA, MN 55442 ~ USA





TDC

Sunday, 26 March 2023

To Whom It May Concern:

LETTER OF SUPPORT FOR SOUTHERN TRAFFIC SERVICES (STS)/REKOR

Q-Free UK is the designer and manufacturer of complete range of roadside monitoring solutions including traffic classifiers, weigh-in-motion systems, cycle and pedestrian detectors, Bluetooth journey time systems and environmental and air quality monitoring systems. Q-Free UK is established for more than 20 years in over 50 countries worldwide and with systems installed in at least 20 USA States to date.

Q-Free UK is pleased to announce its association with Southern Traffic Services (STS)/REKOR. STS has experienced, professional and Q-Free certified field engineers who are fully trained in the installation, commissioning, calibration and maintenance of Q-Free solutions.

Q-Free UK and our appointed USA partner Roadsys provide STS with second line support.

STS EXPERIENCE WITH Q-FREE UK SOLUTIONS

STS have considerable knowledge and experience of installation, operation and maintenance of the Q-Free UK HI-TRAC® systems.

STS have installed large numbers of Q-Free HI-TRAC systems over the last 7 years including the following configurations:

- EMU3 Loop-Piezo-Loop Classifiers in Virginia, Georgia, South Carolina and Florida
- EMU3 Piezo-Loop-Piezo BL WIM in Georgia and Florida
- EMU3 Q-Free Quartz-Loop-Q-Free Quartz WIM Georgia, South Carolina and Florida
- EMU3 Kistler-Loop-Kistler WIM in Georgia and Florida
- EMU3 Intercomp-Loop-Intercomp WIM in Florida
- TMU4 Intercomp-Loop-Intercomp WIM in Georgia
- EMU3 combined WIM, Classification, Pedestrian, Cycle Detection, Bluetooth MAC, Environment Monitoring multi-modal station for FDOT
- EMU3 combined indicative WIM, Classification, Road Surface condition (freezing point, salt level, surface water film level), weather early warning system for GDOT
- CMU Cycle Monitoring Systems in Florida
- EMU3 Loop-Piezo-Loop with Cameras for abnormal vehicle detection in Port of Everglades





Q-FREE UK SERVICES PROVIDED TO STS/REKOR

Q-Free UK support STS by providing the following services through our highly experienced engineering team:

- Provide ongoing monitoring of performance of the roadside equipment
- Keeping STS apprised of any technology improvements
- Providing latest and up to date documentation on products and software
- Attending Contract Meetings as required
- Training and certifying STS personnel in Q-Free systems and software
- Providing timely firmware upgrades for bug fixes and improvements, supporting client firmware acceptance testing, monitoring the bulk firmware upload process

Q-Free TDC highly recommends STS as a delivery partner for our solutions.

Yours faithfully,

Mark Phillips
Managing Director
Q-Free UK



URS is a member of Registrar of Standards (Holdings) Ltd.
Registered in Scotland No. SC 185690
VAT No. 713 5651 47

30 Lynx Crescent
Weston Industrial Estate
Weston-super-Mare
North Somerset
BS24 9BP
England

Tel: +44 (0)1934 644299
Fax: +44 (0)1934 644255
Email: sales.uk@q-free.com
www.tdcsystems.co.uk





March 23, 2023

Rekor Systems Inc /STS/Southern Traffic Services
2911 Westfield Rd
Gulf Breeze, FL 32563
850-934-5732 PH
850-934-0373 FX

Subject: Letter of Commitment for FDOT RFP:

RFP# DOT-RFP-23-9053-SD Statewide Continuous Count Station Installation and Maintenance

To Whom It May Concern:

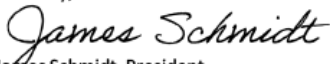
This letter is to confirm that Rekor Systems, Inc/STS is an authorized/certified reseller/installer/maintenance partner of the Roadsys, Inc product line which includes Q-Free Infomobility but not limited to that one brand.

Roadsys, Inc is pleased to provide this letter indicating our commitment to Rekor Systems, Inc. for the above-referenced project. Roadsys, Inc is ready to provide support as a Q-Free TDC distributor to Rekor Systems, Inc. providing technical support, consulting and sales services.

In reference to the Statewide Continuous Count Station Installation and Maintenance contract, Roadsys will be providing both Rekor Systems, Inc and the Florida Department of Transportation over 80 years of expertise and resources.

We are committed to providing a high standard of performance and support to FDOT and the Rekor Systems team and look forward to the opportunity to participate in this project.

Sincerely,


James Schmidt, President
Roadsys, Inc
james.schmidt@roadsys.com

ref: <http://Roadsys.com>

334 EAST LAKE RD, #125, PALM HARBOR, FL 34685

(727) 251-2697 Ph (727) 786-1929 Fx

www.RoadSys.com





Florida Department of Transportation

RON DESANTIS
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

KEVIN J. THIBAUT, P.E.
SECRETARY

April 9, 2019

To Whom It May Concern,

It is my pleasure to write this letter of reference for your contract. I have been working with Southern Traffic Services, Inc. (STS) for many years. They have been under contract with me, on two separate contracts, since 2012.

They are always a phone call away and respond at a moment's notice to any repairs that I have on my Traffic Monitoring sites. STS has the willingness to help and are up to date on all the latest technology.

I believe that STS would be an asset to your contract.

If you have any additional questions, please feel free to contact me at 954-777-4364 or via email at kara.schwartz@dot.state.fl.us.

Sincerely,

Kara L. Schwartz, FCCM

Kara L. Schwartz, FCCM
Traffic Coordinator

www.fdot.gov

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**Russell R. McMurry, P.E.,
Commissioner**
One Georgia Center
600 West Peachtree Street, NW
Atlanta, GA 30308
(404) 631-1000 Main Office

April 10, 2019

Greetings

I am excited to recommend Southern Traffic Services for your all around traffic needs from data collection to installing equipment. They have a professional staff and are a reliable company. STS is leader in innovation and just remarkable when it comes to solving problems. One of the most important aspects of Southern Traffic Services I admire and value the most is their impeccable customer service.

The Georgia Department of Transportation (GDOT) and the Office of Transportation Data as used STS since 1997 as a contractor; we now consider them to be a GDOT Partner. Southern Traffic Services has totally help of Office and Department transform the way handle our business of traffic. STS provides us with WIM, CCS, portable count data and software services.

I am confident that when you select Southern Traffic Services as your vendor you will not be disappointed.

Sincerely,

Simonia Nzemeke
Assistant State Transportation Data Administrator
Georgia Department of Transportation





OHIO DEPARTMENT OF TRANSPORTATION

Mike DeWine, Governor

Jack Marchbanks, Ph.D., Director

1980 W. Broad Street, Columbus, OH 43223

614-466-7170

transportation.ohio.gov

To whom it may concern:

The Ohio Department of Transportation has worked with Southern Traffic Services (STS) for many years. Since I became the Field Manager two years ago, I have worked with them on three contracts:

- Short term counts - mostly tube counts, some short-term radar and intersection video counts. They have completed 945 locations in 2017, 1128 in 2018 and are scheduled for 2275 in 2019.
- Non-Intrusive Permanent Sites – This contract involved reviewing potential sites for installing Wavetronix HD radar sites, installation/construction of sites, calibration testing and then collecting data in a pay for monthly data model. They have installed nearly 60 Wavetronix sensors at over 50 locations as part of this project. This has increased our number of permanent traffic monitoring sites substantially.
- In-Pavement Sensor Permanent Site Construction – This contract involved the reconstruction and new construction of axle classification sites using loops and piezos. It also included full construction of WIM sites using Kistler Quartz sensors. They completed 6 sites in 2017 and 12 sites in 2018.

In all three contracts, we worked with STS project management staff on a routine basis and inspected their front-line crews work. We found their communication, openness on addressing unusual issues and cooperation to be very good.

Ohio typically utilizes a multiple award contract which allows us to utilize any vendor that is responsive to the bid. This forces the vendors to remain vigilant on their work for fear of losing future assignments. You can see that we have continued to increase the work assigned to STS. This is evidence that we remain confident in their delivery of the product.

Feel free to contact me with any specific questions at 614-644-0291 or Sandra.Mapel@dot.ohio.gov.

Sincerely,

Sandie

Sandra Mapel, PE, PMP
Field Manager, Traffic Monitoring Section

Excellence in Government

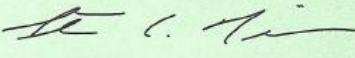
ODOT is an Equal Opportunity Employer and Provider of Services

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BUSINESS TAX RECEIPTS

2018		2019		SANTA ROSA COUNTY BUSINESS TAX RECEIPT		ACCOUNT NO.	
RECEIPT NUMBER				155-18-00182306		4656	
MACHINES	9024	ROOMS	SEATS	EMPLOYEES	EXPIRES		
SERVICE (SERVICE-TRAFFIC SERVICES)				7	SEPTEMBER 30, 2019		
BUSINESS TYPE							
BUSINESS ADDRESS							
2911 WESTFIELD RD				RENEWAL			
GULF BREEZE, FL 32563				AMOUNT		33.75	
				PENALTY		0.00	
SOUTHERN TRAFFIC SERVICES, INC				TOTAL DUE		33.75	
KNOWLES SHEILA R & MARK D				TOTAL PAID		33.75	
SOUTHERN TRAFFIC SERVICES, INC							
2911 WESTFIELD ROAD							
GULF BREEZE, FL 32561							
							
				STAN COLIE NICHOLS, TAX COLLECTOR SANTA ROSA COUNTY, FLORIDA			
ORIGINAL CHECK HAS AN ARTIFICIAL WATERMARK ON REVERSE SIDE - HOLD AT AN ANGLE TO VIEW							
FOLD INFORMATION BELOW BEHIND RECEIPT OR DETACH AND KEEP FOR YOUR RECORDS.							
		Stan Colie Nichols, Tax Collector 6495 Caroline Street, Suite E Milton, Florida 32570 (850) 983-1800					
BEFORE POSTING YOUR BUSINESS TAX RECEIPT READ ALL INFORMATION CAREFULLY. IT IS THE OWNERS RESPONSIBILITY TO ENSURE COMPLIANCE.							
THIS B.T.R. IS FURNISHED PURSUANT TO FLORIDA STATUTES, SANTA ROSA COUNTY ORDINANCE AND AMENDMENTS							
The law requires this business tax receipt to be displayed conspicuously at the place of business in such a manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the county.							
Pursuant to state law, all business tax receipts shall expire on September 30th of the succeeding year. Those business tax receipts renewed beginning October 1st shall be delinquent and subject to a delinquency penalty of 10% for the month of October, plus an additional 5% penalty for each month of delinquency thereafter until paid; provided that the total delinquency penalty shall not exceed 25% of the business tax for the delinquent establishment.							
This business tax receipt is an occupational tax only. It does not permit the B.T.R. holder to violate any existing regulatory or zoning laws of the state, county, or cities, nor does it exempt the B.T.R. holder from any other business tax receipts or permits that may be required by law or municipal ordinance. IT IS YOUR RESPONSIBILITY TO NOTIFY THE TAX COLLECTOR'S OFFICE IF YOUR BUSINESS HAS CLOSED.							
THIS BUSINESS TAX RECEIPT IS IN ADDITION AND NOT IN LIEU OF ANY OTHER LICENSE REQUIRED BY LAW OR MUNICIPAL ORDINANCE AND IS SUBJECT TO REGULATIONS OF ZONING, HEALTH, AND ALL OTHER LAWFUL AUTHORITY.							
If you intend to do any business in Santa Rosa County that is regulated by the state of Florida such as construction, roofing, plumbing, electrical, demolition, etc. it is your responsibility to contact the Building Inspection Department as to the necessary licensing requirements of both Santa Rosa County and the state of Florida. You can receive a citation and/or be arrested for performing a job for which additional qualifications are required. All B.T.R. holders are held to be responsible for complying with all applicable Worker's Compensation laws. All licensees are also held responsible for understanding and complying with all "price gouging" laws and understanding the severe penalties. Other areas which you need to investigate include zoning laws, city licenses when applicable, Department of Revenue and sales tax requirements, IRS and federal I.D. numbers, the Property Appraiser and personal property tax, County Building Inspector for information on construction permits, competency testing, contractors, etc., and filing for a Fictitious Name if applicable.							
Ref. No: G 944000020							

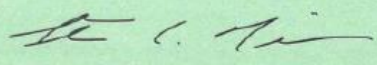




2019 2020		SANTA ROSA COUNTY BUSINESS TAX RECEIPT		ACCOUNT NO.
		RECEIPT NUMBER	155-19-00187557	4656
MACHINES	9024	ROOMS	SEATS	EMPLOYEES ⁷
BUSINESS TYPE		SERVICE (SERVICE-TRAFFIC SERVICES)		
BUSINESS ADDRESS		2911 WESTFIELD RD GULF BREEZE, FL 32563		
		SOUTHERN TRAFFIC SERVICES, INC KNOWLES SHEILA R & MARK D SOUTHERN TRAFFIC SERVICES, INC 2911 WESTFIELD ROAD GULF BREEZE, FL 32561		
		RENEWAL	EXPIRES SEPTEMBER 30, 2020	
		AMOUNT	33.75	
		PENALTY	0.00	
		TOTAL DUE	33.75	
		TOTAL PAID	33.75	
		 STAN COLIE NICHOLS, TAX COLLECTOR SANTA ROSA COUNTY, FLORIDA		
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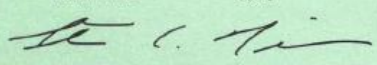




2020		2021		SANTA ROSA COUNTY BUSINESS TAX RECEIPT		ACCOUNT NO.	
RECEIPT NUMBER		155-20-00177588		4656			
MACHINES	ROOMS	SEATS	EMPLOYEES ⁷	EXPIRES			
9024 SERVICE (SERVICE-TRAFFIC SERVICES)				SEPTEMBER 30, 2021			
BUSINESS TYPE							
BUSINESS ADDRESS							
2911 WESTFIELD RD				RENEWAL			
GULF BREEZE, FL 32563				AMOUNT 33.75			
				PENALTY 0.00			
SOUTHERN TRAFFIC SERVICES, INC				TOTAL DUE 33.75			
KNOWLES SHEILA R & MARK D				TOTAL PAID 33.75			
SOUTHERN TRAFFIC SERVICES, INC							
2911 WESTFIELD ROAD							
GULF BREEZE, FL 32561							
				 STAN COLIE NICHOLS, TAX COLLECTOR SANTA ROSA COUNTY, FLORIDA			
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2021 2022		SANTA ROSA COUNTY BUSINESS TAX RECEIPT		ACCOUNT NO.
		RECEIPT NUMBER	148-21-00195367 4656	
MACHINES	ROOMS	SEATS	EMPLOYEES?	EXPIRES
BUSINESS TYPE		9024 SERVICE (SERVICE-TRAFFIC SERVICES)		SEPTEMBER 30, 2022
BUSINESS ADDRESS	2911 WESTFIELD RD GULF BREEZE, FL 32563		RENEWAL	
SOUTHERN TRAFFIC SERVICES, INC KNOWLES SHEILA R & MARK D SOUTHERN TRAFFIC SERVICES, INC 2911 WESTFIELD ROAD GULF BREEZE, FL 32561		AMOUNT	33.75	
		PENALTY	0.00	
		TOTAL DUE	33.75	
		TOTAL PAID	33.75	
		 STAN COLIE NICHOLS, TAX COLLECTOR SANTA ROSA COUNTY, FLORIDA		
ORIGINAL CHECK HAS AN ARTIFICIAL WATERMARK ON REVERSE SIDE - HOLD AT AN ANGLE TO VIEW				
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 Stan Colie Nichols, Tax Collector 6495 Caroline Street, Suite E Milton, Florida 32570 (850) 983-1800				
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+



Southern Traffic Services

2911 Westfield Road
Gulf Breeze, FL 32563

www.rekor.ai sknowles@rekor.ai 850.934.5732

DOT-RFP-23-9053-SD EXHIBIT C PRICE PROPOSAL FORM					
Est.	Item	Plan	Item	Unit	Estimated
Qty.	Number	Quantities	Description	Price	Cost
1	MOT-IL	Per Lane	Mobilization- Interstate Location	\$2,200.00	\$2,200.00
1	MOT-NIL	Per Lane	Mobilization- Non Interstate Location- Includes MOT	\$1,800.00	\$1,800.00
1	MOT-NM	Per Site	Mobilization Only- No MOT	\$750.00	\$750.00
1	MOT-FR	Per Lane	Mobilization Flagger Required- Includes MOT	\$2,000.00	\$2,000.00
1	MOT-SC	Per Site	Mobilization- Shoulders Closed	\$400.00	\$400.00
1	MOT-MB	Per Day	Message Board	\$100.00	\$100.00
1	MOT-PS	Each	Police Services Per 2-Hour Block Per Officer	\$250.00	\$250.00
1	300-1	Per Hour	Electronics Technician	\$125.00	\$125.00
1	300-2	Per Hour	Construction Laborer	\$95.00	\$95.00
1	305-5	Per Hour	Calibration Vehicle Five Axle Vehicle, Loaded	\$249.00	\$249.00
1	400-1-15	Each	Concrete Base for Type III, IV & V Cabinets (F&I)	\$750.00	\$750.00
1	400-1-25	Each	Concrete Base for Pedestal & Breakaway Cabinets (F&I)	\$750.00	\$750.00
1	630-2-12	100 Per LF	Conduit, 1-2" PVC Placed By Directional Boring (F&I)	\$70.00	\$70.00
1	630-2-23	100 Per LF	Conduit, 2-3" PVC Placed by Directional Boring (F&I)	\$80.00	\$80.00
1	620-1-1	100 Per LF	Grounding Electrode (F&I)	\$33.00	\$33.00
1	630-X	100 Per LF	Trenching for Placing Conduits	\$90.00	\$90.00
1	630-2-11	100 Per LF	Conduit, PVC, In Place, In Open Trench or Casing(F&I)	\$97.50	\$97.50
1	635-2-11	Each	Pull Box, Composite Construction (F&I)	\$525.00	\$525.00
1	635-1X	Each	Concrete Apron for Pull Boxes (F&I)	\$400.00	\$400.00
1	646-REM-POL	Each	Wood/Steel Pole Removal (R&D)	\$225.00	\$225.00
1	REM-CBA	Each	Removal of Concrete Base & Miscellaneous Equipment (R&D)	\$600.00	\$600.00
1	REM-CPO	Each	Removal of Concrete Pole & Miscellaneous Equipment (R&D)	\$600.00	\$600.00
1	REM-PIE	Each	Piezoelectric Axle Sensor Removal (R&D)	\$ 50.00	\$ 50.00
1	695-1-6C	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, E-Bond G-80 Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-6A	Each	MSI Series BL Class II Piezo Axle Sensor, 6-FT Long, IRD AS475 P6G Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-8C	Each	MSI Series BL Class II Piezo Axle Sensor, 8-FT Long, E-Bond G-80 Grout (F&I)	\$ 1,750.00	\$ 1,750.00
1	695-1-8A	Each	MSI Series BL Class II Piezo Axle Sensor, 8-FT Long, IRD AS475 P6G Grout (F&I)	\$ 1,400.00	\$ 1,400.00
1	695-1-10C	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, E-Bond G80 Grout (F&I)	\$2,100.00	\$2,100.00
1	695-1-10A	Each	MSI Series BL Class II Piezo Axle Sensor, 10-FT Long, IRD AS475 P6G Grout (F&I)	\$2,000.00	\$2,000.00
1	695-1-3N	Each	Novacos Class II Piezo Axle Sensor, 3-FT Long, IRD AS475 P6G Grout (F&I)	\$600.00	\$600.00
1	695-1-6N	Each	Novacos Class II Piezo Axle Sensor, 6-FT Long, IRD AS475 P6G Grout (F&I)	\$1,400.00	\$1,400.00
1	695-1-8N	Each	Novacos Class II Piezo Axle Sensor, 8-FT Long, IRD AS475 P6G Grout (F&I)	\$1,400.00	\$1,400.00
1	695-1-10N	Each	Novacos Class II Piezo Axle Sensor, 10-FT Long, IRD AS475 P6G Grout (F&I)	\$1,750.00	\$1,750.00
1	695-XX	100 Per LF	Replacement Coaxial Sensor Cable	\$150.00	\$150.00
1	695-2-MICRO	Each	Non-Intrusive Vehicle Sensor Microwave Radar (F&I) (Houston Radar SpeedLane)	\$10,100.00	\$10,100.00
1	WIM -TEMPQFREE	Each	QFREE Traffic Temperature Sensor (F&I)	\$750.00	\$750.00
1	WIM-TEMPIRD	Each	IRD/PAT Traffic Temperature Sensor (F&I)	\$1,000.00	\$1,000.00
1	WIM-BP-100	Each	Bending Plate WIM Sensor, Installation, 1 Bending Plate (F&I)	\$15,700.00	\$15,700.00
1	WIM-BP-110	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 40 M Lead (F&I)	\$28,500.00	\$28,500.00
1	WIM-BP-120	Each	1.75 M Bending Plates & Frames, Temperature Sensor, 100 M Lead (F&I)	\$28,350.00	\$28,350.00
1	WIM-BP-200	Each	Bending Plate Frame Removal (R&D)	\$3,000.00	\$3,000.00
1	WIM-BP-300	Each	Bending Plate Removal/Reinstall - Inspection (F&I)	\$3,000.00	\$3,000.00
1	WIM-175-K40	Each	Kistler Lineas Quartz Sensor, Type 9195F411, 1.75M, 40 M Lead (F&I)	\$10,950.00	\$10,950.00
1	WIM-175-K100	Each	Kistler Lineas Quartz Sensor, Type 9195F421, 1.75M, 100 M Lead (F&I)	\$11,450.00	\$11,450.00
1	WIM-XX	100 Per LF	Replacement Cable For Kistler Lineas Sensors	\$90.00	\$90.00
1	WIM-175-I40	Each	Intercomp's strain gauge Strip Sensors 1.75M, 40 M Lead (F&I)	\$10,000.00	\$10,000.00
1	WIM-175-I100	Each	Intercomp's strain gauge Strip Sensors 1.75M, 100 M Lead (F&I)	\$11,000.00	\$11,000.00
1	695-5-85	Each	85-Watt Solar Panel (F&I on existing pole)	\$1,275.00	\$1,275.00
1	695-5-150	Each	150-Watt Solar Panel (F&I on existing pole)	\$1,350.00	\$1,350.00
1	695-5-300	Each	300-Watt Solar Panel (F&I on existing pole)	\$1,475.00	\$1,475.00
1	695-5-21A	Each	21 Amp-Hour Battery (F&I in existing cabinet)	\$205.00	\$205.00
1	695-5-12B	Each	100 Amp-Hour Battery (F&I in existing cabinet)	\$425.00	\$425.00
1	695-5-50A	Each	50 Amp-Hour Battery (F&I in existing cabinet)	\$310.00	\$310.00
	695-5-65A	Each	65 Amp-Hour Battery (F&I in existing cabinet)	\$310.00	\$310.00
1	695-6-20A	Each	20 Amp Voltage Regulator (F&I in existing cabinet)	\$395.00	\$395.00

1	695-6-25A	Each	25 Amp Voltage Regulator (F&I in existing cabinet)	\$475.00	\$475.00
1	695-6-BON	Each	Type "B" Inductive Loop With Bondo/Stat-A-Flex Sealant (F&I)	\$905.00	\$905.00
1	695-4-4	100 Per LF	#14 AWG IMSA 50-2 Loop Homerun Cable (F&I)	\$190.00	\$190.00
1	695-4-80	Each	3M 8082 Wire Splice Gel Kit (F&I)	\$72.00	\$72.00
1	695-4-DB	Each	3M DBY-6 Wire Splice Kit (F&I)	\$14.00	\$14.00
1	695R	Per Lane	Reseal Loop and/or Piezo Axle Sensors (F&I)	\$300.00	\$300.00
1	695-7-13B	Each	Type III TMS Cabinet, Base Mount (F&I)	\$2,050.00	\$2,050.00
1	695-7-13PD	Each	Type III TMS Cabinet With Pedestal (F&I)	\$2,250.00	\$2,250.00
1	695-7-14B	Each	Type IV TMS Cabinet, Base Mount (F&I)	\$2,150.00	\$2,150.00
1	695-7-14P	Each	Type IV TMS Cabinet, Pole Mount (F&I)	\$2,350.00	\$2,350.00
1	695-7-15B	Each	Type V TMS Cabinet, Base Mount (F&I)	\$2,950.00	\$2,950.00
1	646-1-12	Each	12 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,275.00	\$1,275.00
1	646-1-15	Each	15 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,400.00	\$1,400.00
1	646-1-20	Each	20 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,500.00	\$1,500.00
1	646-1-25	Each	25 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,575.00	\$1,575.00
1	646-1-30	Each	30 Ft. Aluminum Breakaway Pole Assembly (F&I)	\$1,975.00	\$1,975.00
1	695-4-P1	Each	Universal "P1" Equipment Cable for Specified TMS Unit (F&I)	\$350.00	\$350.00
1	695-8-J1	Each	Universal "J1" Equipment Cable & Receptacle w/ Mounting Bracket (F&I)	\$350.00	\$350.00
1	695-8-NS	Each	Atlantic Scientific Sensor Backplane, No Suppressors (F&I)	\$450.00	\$450.00
1	695-8-LP	Each	Atlantic Scientific Lightning Suppressor for Loop/Piezo (F&I)	\$450.00	\$450.00
1	695-8-PW	Each	Atlantic Scientific Power Backplane, No Suppressors (F&I)	\$350.00	\$350.00
1	695-8-PAS	Each	Atlantic Scientific Power Suppressor (F&I)	\$400.00	\$400.00
1	695-8-PED	Each	Power Suppressor EDCO (F&I)	\$275.00	\$275.00
1	695-8-LPED	Each	Lightning Suppressor, Loop/Piezo EDCO (F&I)	\$275.00	\$275.00
1	695-9-RVR	Cubic Yard	River Rock	\$6.00	\$6.00
1	GW600	Each	Intelligent Weather Sensor	\$3,500.00	\$3,500.00
1	TPW-400DT	Each	TYCON Power Wind Turbine	\$770.00	\$770.00
1	A-Meter	Each	Anemometer	\$735.00	\$735.00

GRAND TOTAL

\$ 197,266.50

ACKNOWLEDGEMENT:

I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the proposer. I certify that the response submitted is made in conformance with all requirements of the solicitation. **Services to be provided as specified in attached Exhibit "A", Scope of Services.**

Proposer: Southern Traffic Services, Inc.

FEIN: 62-1368537

Address: 2911 Westfield Road, Gulf Breeze, FL 32563

Printed Name / Title Sheila R. Knowles / President

Authorized Signature:



5/3/2023

(signature - "digital" ok)

(date)