

GENERAL CONTRACTOR SPECIFICATIONS  
NINTH DIVISION VEHICLE DETECTION SYSTEMS

- 1.0 CONTRACTOR REQUIREMENT – GENERAL
- 1.1 PURSUANT TO SECTION 34-8-1(A) OF THE CODE OF ALABAMA, EACH CONTRACTOR MUST SUBMIT WITH THEIR BID PROOF OF LICENSING THROUGH THE ALABAMA STATE BOARD OF LICENSING FOR GENERAL CONTRACTORS, WITH APPROVED MAXIMUM BID LIMITS SUFFICIENT TO COVER THE BID RELATED TO THIS SPECIFICATION. FAILURE TO COMPLY WILL RESULT IN THE REJECTION OF THE BID. THE LICENSE MUST INDICATE AN AREA OF WORK CONSISTENT WITH THE INCLUDED WORK SCOPE. A COPY OF THE VENDOR'S CURRENT YEAR'S LICENSE WILL EXPEDITE THE EVALUATION PROCESS.  
\*\*\*\*\*APPLIES ONLY TO BIDS EXCEEDING \$50,000.00\*\*\*\*\*
- 1.2 EACH VENDOR MUST BE A LICENSED ELECTRICAL CONTRACTOR AND MUST SUBMIT WITH THEIR BID PROOF OF LICENSING. FAILURE TO COMPLY WILL RESULT IN THE REJECTION OF THE BID. PURSUANT TO STATE LICENSING REQUIREMENTS, EACH CONTRACTOR MUST HAVE A MINIMUM OF ONE (1) LICENSED MASTER ELECTRICIAN ON THE PAYROLL OF THE COMPANY. THE MASTER ELECTRICIAN MUST BE A PERMANENT, FULL-TIME EMPLOYEE OF THE CONTRACTOR, IN THE EMPLOY OF THE CONTRACTOR FOR A MINIMUM OF SIX (6) CONTINUOUS MONTHS, AND MUST HAVE A VERIFIABLE WORK HISTORY AS A LICENSED ELECTRICIAN FOR A MINIMUM OF THREE (3) YEARS.
- 1.3 TRAFFIC SIGNAL WORK PERFORMED UNDER THIS CONTRACT MUST BE COMPLETED BY A CERTIFIED INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA) LEVEL II TRAFFIC SIGNAL TECHNICIAN.
- 1.4 ANY NON-ELECTRICAL, NON-SIGNAL WORK UNDER THIS SPECIFICATION (DITCHING, TRENCHING, AUGERING, ETC.) MAY BE PERFORMED BY ANY SKILLED OR NON-SKILLED EMPLOYEE OF THE CONTRACTOR, AT THE CONTRACTOR'S DISCRETION. HOWEVER, THE FINAL RESPONSIBILITY FOR THE SAFE, PROFESSIONAL AND QUALITY COMPLETION OF ANY SERVICE UNDER THIS PURCHASE ORDER RESTS WITH THE CERTIFIED TRAFFIC SIGNAL TECHNICIAN.
- 1.5 EACH CONTRACTOR SHOULD SUBMIT WITH THEIR BID PROOF OF LIABILITY INSURANCE IN THE MINIMUM AMOUNT OF \$1,000,000 PER OCCURRENCE FOR BODILY INJURY AND PROPERTY DAMAGE, \$2,000,000 AGGREGATE. EACH CONTRACTOR SHALL FURTHER PROVIDE PROOF OF WORKMAN'S COMPENSATION INSURANCE SUFFICIENT TO SATISFY ALL LEGAL REQUIREMENTS OF THE STATE OF ALABAMA. FAILURE TO PROVIDE THIS DOCUMENTATION WILL DELAY EVALUATION OF THE BID. INSURANCE CERTIFICATES WILL BE REQUIRED FROM SUCCESSFUL VENDOR INDICATING THE STATE OF ALABAMA, DEPARTMENT OF FINANCE, DIVISION OF PURCHASING AS CERTIFICATE HOLDER. CERTIFICATE MUST BE PROVIDED PRIOR TO AWARD OF CONTRACT.

- 1.6 THE DEPARTMENT RESERVES THE RIGHT TO REQUEST ANY BIDDER TO PROVIDE A LIST OF REFERENCES FOR WORK OF A SIMILAR SIZE, SCOPE AND NATURE IN ORDER TO FACILITATE THE BID EVALUATION PROCESS. THIS RIGHT MAY BE EXERCISED DISCRIMINATELY IN ORDER TO VALIDATE THE QUALIFICATIONS OF INDIVIDUAL BIDDERS WHOSE QUALIFICATIONS AND PREVIOUS WORK EXPERIENCES ARE NOT KNOWN TO THE DEPARTMENT OR THE DIVISION TRAFFIC MANAGER.
- 1.7 IN ACCORDANCE WITH SECTION 41-16-59 OF THE CODE OF ALABAMA, THE SUCCESSFUL BIDDER ON THIS SOLICITATION IS RESTRAINED FROM ASSIGNING OR SUB-CONTRACTING ANY PORTION OF THE WORK UNDER THIS CONTRACT.
- 1.8 DUE TO THE NATURE OF THIS PROJECT, AWARD WILL BE MADE ON AN "ALL OR NONE" BASIS TO THE RECOMMENDED VENDOR, WHO DURING THE COURSE OF OUR BID EVALUATION IS FOUND TO BE THE LOWEST RESPONSIBLE BIDDER.
- 1.9 ALL WORKMANSHIP SHALL BE OF A PROFESSIONAL QUALITY AND STANDARD AS GENERALLY ACCEPTED IN THE TRADE. ALL MATERIALS SHALL BE NEW AND DEFECT-FREE, AND OF A PROFESSIONAL QUALITY. ALL WORKMANSHIP, PRODUCTS AND MATERIALS ARE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER.
- 2.0 CONTRACT DESIGN
- 2.1 BID PRICE SHALL INCLUDE ALL OTHER HARDWARE, FITTINGS, MATERIALS AND OTHER APPURTENANCES (SUCH AS FITTINGS, ADAPTORS, SPLICERS, ETC.) AND ALL EQUIPMENT, TOOLS, LABOR AND OTHER REQUIRED INCIDENTALS NECESSARY FOR THE COMPLETION OF THIS WORK IN AN APPROVED AND SATISFACTORY MANNER.
- 2.2 ALL QUANTITIES ON THE ATTACHED BID DOCUMENT ARE THE APPROXIMATED ANNUAL ESTIMATES FOR COMPARATIVE PURPOSES ONLY. NO REPRESENTATION IS MADE THAT THE DEPARTMENT OF TRANSPORTATION WILL REQUIRE THIS SPECIFIC LEVEL OF SERVICE DURING ANY PARTICULAR CONTRACT YEAR, NOR DO THESE ESTIMATES OBLIGATE THE DEPARTMENT TO ANY SPECIFIC LEVEL OF PURCHASES DURING A CONTRACT YEAR. ACTUAL SERVICE NEEDS MAY BE MORE THAN OR LESS THAN THOSE ESTIMATED QUANTITIES SHOWN.
- 3.0 WORK SCOPE
- 3.1 WORK AT REQUESTED LOCATIONS MUST COMMENCE WITHIN FIVE (5) OFFICIAL STATE BUSINESS DAYS OF NOTIFICATION TO PROCEED FROM THE TRAFFIC MANAGER AND SHALL BE COMPLETED IN A TIMELY MANNER.

- 3.2 ATTENTION IS DRAWN TO THE FACT THAT THIS WORK WILL BE PERFORMED UNDER TRAFFIC CONDITIONS REQUIRING SPECIAL CARE TO EXPEDITE THE WORK AND PREVENT UNDUE HAZARDOUS CONDITIONS. TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CHAPTER VI OF THE MOST CURRENT EDITION OF THE STANDARDS AND GUIDES FOR TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY AND INCIDENTAL MANAGERMENTS OPERATIONS. ATTENTION IS DRAWN TO THE REQUIREMENTS OF SUB-ARTICLE 630.03(D) OF THE CURRENT SPECIFICATION. SPECIFIC AREAS WILL REQUIRE DIFFERENT LEVELS OF TRAFFIC CONTROL AS INDICATED IN THE MUTCD.
- 3.3 THE INSTALLATION OF VEHICLE DETECTOR LOOPS SHALL INCLUDE SAW CUTTING THE ROADWAY, SEALING THE WIRE IN THE SLOT, INSTALLATION OF THE LEAD-IN UNDERGROUND ON THE SHOULDER OF THE ROAD TO THE NEAREST TRAFFIC POLE OR PULL BOX, TERMINATION IN POLE, PULL BOX, OR SIGNAL CONTROLLER CABINET, AND ENSURING THAT LOOP IS FULLY FUNCTIONAL.
- 3.4 ALL WORK SHALL BE DONE IN COMPLIANCE WITH APPLICABLE SECTIONS OF THE ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, ALDOT STANDARD DRAWINGS AND PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 3.5 THE PROPOSED TRAFFIC CONTROL SCHEME FOR EACH WORK LOCATION SHALL BE SUBMITTED TO THE TRAFFIC MANAGER FOR REVIEW AND APPROVAL A MINIMUM OF TWENTY-FOUR (24) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 3.6 ALL EQUIPMENT AND MATERIALS INCLUDING LOOP SEALANT SHALL BE CHOSEN FROM THE ALDOT MATERIALS, SOURCES AND DEVICES WITH SPECIAL ACCEPTANCE REQUIREMENTS.
- 3.7 VIDEO DETECTION EQUIPMENT SHALL BE SPECIFIED FOR EACH LOCATION BY THE DIVISION TRAFFIC MANAGER.
- 3.8 THE INSTALLATION OF VIDEO DETECTION SHALL INCLUDE INSTALLING ANY REQUIRED EQUIPMENT SUCH AS, BUT NOT LIMITED TO, CAMERAS, CABLES AND POWER SUPPLIES. ALL REQUIRED EQUIPMENT SHALL BE INSTALLED AND TERMINATED IN THE SIGNAL CONTROLLER CABINET SO THAT THE VEHICLE DETECTION SYSTEM IS FULLY FUNCTIONAL.
- 4.0 CONTRACT PAYMENTS
- 4.1 VENDOR SHALL PROVIDE A DETAILED INVOICE AFTER THE FINAL INSPECTION AND ACCEPTANCE OF EACH INSTALLATION. INVOICES SHALL BE PRICED ACCORDING TO THE BILLABLE ITEMS ON THE ATTACHED BID DOCUMENT.