

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.   1   DATED   5/20/2013   ADDENDUM NO.            DATED             
 ADDENDUM NO.            DATED            ADDENDUM NO.            DATED           

Number	Description
1	Revise Table of Contents, replace same; Add NTB Nos. 4527 & 4528; Amendment EBS Download Required.

TOTAL ADDENDA:   1    
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

\_\_\_\_\_  
 Contractor

BY \_\_\_\_\_  
 Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

_____ President	_____ Address
_____ Secretary	_____ Address
_____ Treasurer	_____ Address

The following is my (our) itemized proposal.

Revised 09/21/2005

STP-0014-03(065) / 106424301 & 302

Forrest & Lamar County(ies)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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SECTION 905 - PROPOSAL, PROPOSAL BID ITEMS  
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CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION  
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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET  
OF SECTION 905 AS ADDENDA)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 4527**

**CODE: (SP)**

**DATE: 01/07/2013**

**SUBJECT: Traffic Management Center (TMC) Modifications**

**PROJECT: STP-0014-03(065) / 106424301 & 302 - Forrest and Lamar Counties**

Bidders are hereby advised that the following Traffic Management Center (TMC) Modifications will be required for this project.

## **MDOT TMC Modifications SITE #1**

The Hattiesburg Regional TMC is located at 6356 Highway 49N, Hattiesburg, Mississippi (MDOT District 6).

### **Software:**

The Contractor shall initially use vendor supplied software to test the CCTV to demonstrate full compliance with the contract requirements. A minimum of two (2) licenses of each system of the vendor supplied software must be provided to MDOT upon completion of the testing for each component.

In addition to the vendor supplied software, MDOT currently has a Delcan ATMS Software Suite installed at the Hattiesburg Regional TMC. The contractor shall be required to configure the software to utilize and operate the ITS field devices once this project is complete.

The Contractor is required to fully configure the existing ATMS software for operation of the CCTV that is installed on this project. At a minimum, this shall include:

- Update and configure the existing map to show the locations of the CCTV with dynamic icons.
- Install and configure all CCTV into the software's database.
- Update all ATMS client software within the TMC to be able to fully utilize the changes noted above.

The Contractor is required to arrange for the ATMS vendor to be on-site to complete this configuration and provide the required testing to show that the software is fully functioning for each CCTV.

### **Testing:**

The Contractor shall submit a proposed test plan for review and approval by MDOT. The test plan shall demonstrate full compliance with all requirements in the plans and specifications.

## **MDOT TMC Modifications SITE #2**

The Jackson State-wide TMC is located in the MDOT Shop Complex at 2567 North West St., Jackson, Mississippi (MDOT District 5).

### **Software:**

The Contractor shall initially use vendor supplied software to test the CCTV to demonstrate full compliance with the contract requirements. A minimum of two (2) licenses of each system of the vendor supplied software must be provided to MDOT upon completion of the testing for each component.

In addition to the vendor supplied software, MDOT currently has a Delcan ATMS Software Suite installed at the State-wide TMC. The contractor shall be required to configure the software to utilize and operate the ITS field devices once this project is complete.

The Contractor is required to fully configure the existing ATMS software for operation of the CCTV that is installed on this project. At a minimum, this shall include:

- Update and configure the existing map to show the locations of the CCTV with dynamic icons.
- Install and configure all CCTV into the software's database.
- Update all ATMS client software within the TMC to be able to fully utilize the changes noted above.

The Contractor is required to arrange for the ATMS vendor to be on-site to complete this configuration and provide the required testing to show that the software is fully functioning for each CCTV.

### **Testing:**

The Contractor shall submit a proposed test plan for review and approval by MDOT. The test plan shall demonstrate full compliance with all requirements in the plans and specifications.

### **Payment:**

All work, software, equipment, and testing covered in this NTB will be paid under TMC Modifications pay items 907-659-A.

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4528

CODE: (SP)

DATE: 01/08/2013

SUBJECT: Cabinet Modifications

PROJECT: STP-0014-03(065) / 106424301 & 302 - Forrest and Lamar Counties

Bidders are hereby advised that the following additional requirements for Cabinet Modifications shall be required on this project and shall be included in the price bid for Pay Item Number 907-642-B.

**Cabinet Modifications.** All work done under this NTB as cabinet modifications will include but not be limited to work, installation, equipment and cabling necessary in the existing traffic signal cabinets identified and as stated in this NTB to add, modify, interconnect and integrate the equipment as specified to be able to communicate on the fiber backbone to the Hattiesburg Regional Traffic Management Center and on to the Statewide TMC located in Jackson. Traffic controllers, network switches, video encoders, or cameras that are installed at cabinet modification locations will be paid under their respective pay item numbers as outlined in their corresponding special provisions. Cabinet modifications shall be made at the following locations as indicated:

### **Configuration.**

Traffic Signal Controller Cabinet Modifications are to add Fiber Interconnect at four (4) Locations.

### **EXISTING TRAFFIC SIGNAL CABINET (US 98 @ SR 589) (WKG. NO. ITS-1).**

The Contractor shall remove and replace the existing traffic signal controller at this location as indicated in the plans, which will be paid under the pay item 907-642-A Solid State Traffic Actuated Controllers, Type 8M. The existing traffic signal controller shall be turned over to MDOT. Modify cabinet to install and connect a fiber drop cable as shown on the plans from the new trunk fiber along US Hwy 98 into the traffic signal cabinet. The Contractor shall splice and terminate the drop fiber cable as indicated in the plans and in the fiber specifications for fiber drops. A Type A network switch, video encoder, two fixed CCTV, and one pan-tilt-zoom CCTV shall be provided and installed at this location. Cabinet modifications shall include all labor, equipment and materials necessary to provide the physical entrance for the fiber drop cable into the cabinet, whether via existing spare conduit or with a new separate conduit entrance. If new separate conduit entrance is required, all above ground conduit and fittings shall be rigid type. Materials and construction methods for all cabinet entrances shall conform to details shown in the Plans and all other requirements set forth in the Plans and specifications. Cabinet modifications shall also include all the work necessary to install and configure the switch, connect fiber drop, video encoder, fixed CCTV, PTZ CCTV, surge and power systems, and all work, incidental equipment and cables necessary to integrate all devices on the Ethernet network over the fiber trunk back to the TMC and existing ATMS software.

**EXISTING TRAFFIC SIGNAL CABINET (US 98 @ CANEBRAKE) (WKG. NO. ITS-2).**

The Contractor shall modify cabinet to install and connect a fiber drop cable as shown on the plans from the new trunk fiber along US Hwy 98 into the traffic signal cabinet. The Contractor shall splice and terminate the drop fiber cable as indicated in the plans and in the fiber specifications for fiber drops. A Type A network switch shall be provided and installed at this location. Cabinet modifications shall include all labor, equipment and materials necessary to provide the physical entrance for the fiber drop cable into the cabinet, whether via existing spare conduit or with a new separate conduit entrance. If new separate conduit entrance is required, all above ground conduit and fittings shall be rigid type. Materials and construction methods for all cabinet entrances shall conform to details shown in the Plans and all other requirements set forth in the Plans and specifications. Cabinet modifications shall also include all the work necessary to install and configure the switch, connect fiber drop, surge and power systems, and all work, incidental equipment and cables necessary to integrate all devices on the Ethernet network over the fiber trunk back to the TMC and existing ATMS software.

**EXISTING TRAFFIC SIGNAL CABINET (US 98 @ COLE RD.) (WKG. NO. ITS-4).**

The Contractor shall modify cabinet to install and connect a fiber drop cable as shown on the plans from the new trunk fiber along US Hwy 98 into the traffic signal cabinet. The Contractor shall splice and terminate the drop fiber cable as indicated in the plans and in the fiber specifications for fiber drops. A Type A network switch, video encoder, two fixed CCTV, and one pan-tilt-zoom CCTV shall be provided and installed at this location. Cabinet modifications shall include all labor, equipment and materials necessary to provide the physical entrance for the fiber drop cable into the cabinet, whether via existing spare conduit or with a new separate conduit entrance. If new separate conduit entrance is required, all above ground conduit and fittings shall be rigid type. Materials and construction methods for all cabinet entrances shall conform to details shown in the Plans and all other requirements set forth in the Plans and specifications. Cabinet modifications shall also include all the work necessary to install and configure the switch, connect fiber drop, video encoder, fixed CCTV, PTZ CCTV, surge and power systems, and all work, incidental equipment and cables necessary to integrate all devices on the Ethernet network over the fiber trunk back to the TMC and existing ATMS software.

**EXISTING TRAFFIC SIGNAL CABINET (US 98 @ KING RD.) (WKG. NO. ITS-7).**

The Contractor shall disconnect and remove existing fiber drop cable, and install/connect a new fiber drop cable as shown on the plans from the new trunk fiber along US Hwy 98 into the traffic signal cabinet utilizing the existing fiber drop conduit entrance. The new fiber drop shall be connected to the existing Type A network switch at this location. Cabinet modifications shall include all labor, equipment and materials necessary to reconnect the fiber drop, switch, video encoder, PTZ CCTV, and all work, incidental equipment and cables necessary to integrate all devices on the Ethernet network over the fiber trunk back to the TMC and existing ATMS software. Contractor shall coordinate the cutover of the communications with the Project Engineer and Traffic Management Center(s). No cutover shall occur until the communications with the installed Type A network switch has been tested and verified. Cutover shall occur with less than one (1) hour of downtime.

**Installation.** The Contractor shall install the drop cable, provide and connect the fiber patch cables, connect the fiber patch cables as necessary to the traffic signal controller, and configure the traffic signal controller to communicate with the existing Actra/Tactics Server in the Regional/State-wide TMC. All work, equipment, configuration, and incidental cabling to modify the cabinet signals to communicate and be integrated with the Signal Control Software in the TMC equipment room will be considered incidental.

Any equipment, cords, cables or configuration required at the existing traffic control cabinets to connect the new fiber to equipment at existing locations shall be considered incidental and shall be included in the cost of Pay Item Number 907-642-B.