

BID FORM

MISSOURI DEPARTMENT OF TRANSPORTATION
GENERAL SERVICES
P.O. BOX 270
JEFFERSON CITY, MO 65102

REQUEST NO.	2-140311KH1
DATE	February 20, 2014

SEALED BIDS, SUBJECT TO THE ATTACHED CONDITIONS WILL BE RECEIVED AT THIS OFFICE UNTIL

2:00 P.M, Local Time, March 11, 2014

AND THEN PUBLICLY OPENED AND READ FOR FURNISHING THE FOLLOWING SUPPLIES OR SERVICES.

BID TO BE BASED F.O.B. MISSOURI DEPARTMENT OF TRANSPORTATION

Submit net bid as cash discount stipulations will not be considered

Various District Locations

BUYER: Kristi Hixson

BUYER TELEPHONE: (573) 526-1975

SUPPLIES OR SERVICES

This document constitutes a Request for Bid (RFB) and solicits competitive sealed bids from qualified bidders to provide **Traffic Signal Parts**. The issuance of this RFB in no way constitutes a commitment to award a contract or to pay any costs incurred in preparation of a response to this request.

****NOTE: It is the responsibility of the Bidder to access MoDOT's website in order to obtain any and all addenda(s) issued during the course of this RFB process.*

All questions regarding this RFB shall be submitted to the RFB Coordinator/Contact.

(SEE ATTACHED FOR CONDITIONS AND INSTRUCTIONS)

In compliance with the above invitation for bids, and subject to all conditions thereof, the undersigned bidder agrees to furnish and deliver any or all the items on which prices were bid within the timeframe specified herein after receipt of formal purchase order.

Date: _____
Telephone No.: _____
Fax No.: _____
Email Address: _____

Firm Name: _____
Address: _____

By (Signature): _____
Type/Print Name _____
Title: _____

1. Introduction

- 1.1 This solicitation seeks bids from qualified organizations to provide Traffic Signal Parts throughout the state of Missouri with an effective contract period of Date of Award through March 31, 2015 to the Missouri Highways and Transportation Commission (MHTC) and Missouri Department of Transportation (MoDOT).
- 1.2 In the event the contractor requests a price increase during the contract period, the contractor must provide a written request and documentation justifying the need for a price increase, and the amount of such price increase. MoDOT will review the contractor’s written request and documentation for a price increase, and decide if a price increase is to be granted at that particular time. The contractor shall understand and agree that MoDOT’s decision shall be final and without recourse.
 - a. No price increase shall be granted during the first 6 months of the original contract period.
 - b. In the event a price increase is granted due to an approved escalation, the renewal percentage shall be based upon the current contract value.

2. Specification

- 2.1 All products shall conform to the latest revision of Section 1061, 1062 and 1092 of the Missouri Standard Specifications for Highway Construction and Section 902 of the Missouri Standard Plans for Highway Construction except 1092.1 through 1092.1.7. *See Appendix A.*
- 2.2 Unless otherwise specified herein, only items on the latest revision of the Missouri Department of Transportation Approved Products List for Traffic Signals and Highway Lighting Equipment will be accepted. The bidder must complete and return the equipment list(s) specified herein with the bid. *See Appendix B.*
- 2.3 If a category is not on the Approved Products List, specifications shall be submitted to compare with MoDOT specifications.
- 2.4 Only Programmable View LED Signal Modules on the following list will be accepted.

Approved Programmable View LED Signal Modules	Manufacturer Model
Dialight	P463R33003 (Red Ball)
Dialight	P463Y33003 (Yellow Ball)
Dialight	P463G33003 (Green Ball)
GELcore	DR3-RCFB-01A (Red Ball)
GELcore	DR3-YCFB-01A (Yellow Ball)
GELcore	DR3-GCFB-01A (Green Ball)

3. Quantities

- 3.1 No estimated quantities are included as a part of this bid. MoDOT does not guarantee any quantities to be purchased from this contract. Items will be ordered by the districts on an as needed basis.

4. Delivery

- 4.1 All products must be received at the specified destination within 30-45 calendar days after the issue date of the purchase order.
- 4.2 Failure to deliver products in the specified delivery time will give the Commission, at its discretion, the right to cancel the remainder of the contract without being considered in breach of contract and without any additional payment to the bidder.

7.6 **Open Competition/Request for Bid Document**

It shall be the bidder's responsibility to ask questions, request changes or clarification, or otherwise advise MoDOT if any language, specifications or requirements of an RFB appear to be ambiguous, contradictory, and/or arbitrary, or appear to inadvertently restrict or limit the requirements stated in the RFB to a single source. Any and all communication from bidders regarding specifications, requirements, competitive bid process, etc., must be directed to the buyer from the MoDOT, unless the RFB specifically refers the bidder to another contact. Such communication should be received at least five (5) working days prior to the official bid opening date.

PRICING PAGES

The bidder shall provide a firm, fixed price on the attached pricing pages for providing the deliverables in accordance with the provisions and requirements specified herein. All costs associated with providing the required deliverables shall be included in the prices stated within.

TO BE CONSIDERED RESPONSIVE FOR A GROUP, PRICING MUST BE SUBMITTED ON ALL ITEMS WITHIN A GROUP.

NOTE:

MoDOT has made some changes that have eliminated the stocking of large inventories of items at our various locations. As a result, we are moving more to a just in time delivery on many of our contracts. For that reason, the attached request for bid document does not include any estimated quantity information as we have done in the past. Orders will be placed by our districts on an as needed, if needed basis throughout the course of the contract.

VENDOR INFORMATION & PREFERENCE CERTIFICATION FORM

Vendor Information

All bidders must furnish ALL applicable information requested below

Vendor Name/Mailing Address: Email Address:	Vendor Contact Information (including area codes): Phone #: Cellular #: Fax #:									
Printed Name of Responsible Officer or Employee:	Signature:									
For Corporations - State in which incorporated:	For Others - State of domicile:									
If the address listed in the Vendor Name/Mailing Address block above is not located in the State of Missouri, list the address of Missouri offices or places of business: If additional space is required, please attach an additional sheet and identify it as <u>Addresses of Missouri Offices or Places of Business</u> .										
M/WBE INFORMATION: List all certified Minority or Women Business Enterprises (M/WBE) utilized in the fulfillment of this bid. Include <u>percentages</u> for subcontractors and identify the M/WBE certifying agency. <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 33%;"><u>M/WBE Name</u></th> <th style="text-align: center; width: 33%;"><u>Percentage of Contract</u></th> <th style="text-align: center; width: 33%;"><u>M/WBE Certifying Agency</u></th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> If additional space is required, please attach an additional sheet and identify it as <u>M/WBE Information</u> .		<u>M/WBE Name</u>	<u>Percentage of Contract</u>	<u>M/WBE Certifying Agency</u>	_____	_____	_____	_____	_____	_____
<u>M/WBE Name</u>	<u>Percentage of Contract</u>	<u>M/WBE Certifying Agency</u>								
_____	_____	_____								
_____	_____	_____								

Preference Certification

All bidders must furnish ALL applicable information requested below

GOODS/PRODUCTS MANUFACTURED OR PRODUCED IN USA: If any or all of the goods or products offered in the attached bid which the bidder proposes to supply to the MHTC are not manufactured or produced in the "United States", or imported in accordance with a qualifying treaty, law, agreement, or regulation, list below, by item or item number, the country other than the United States where each good or product is manufactured or produced.	
Item (or item number)	Location Where Item is Manufactured or Produced
If additional space is required, please attach an additional sheet and identify it as <u>Location Products are Manufactured or Produced</u> .	
MISSOURI SERVICE-DISABLED VETERAN BUSINESS: Please complete the following if applicable. Additional information may be requested if preference is applicable. See below definitions for qualification criteria: Service-Disabled Veteran is defined as any individual who is disabled as certified by the appropriate federal agency responsible for the administration of veterans' affairs. Service-Disabled Veteran Business is defined as a business concern: <ol style="list-style-type: none"> a. Not less than fifty-one (51) percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than fifty-one (51) percent of the stock of which is owned by one or more service-disabled veterans; and b. The management and daily business operations of which are controlled by one or more service-disabled veterans. 	
<u>Veteran Information</u>	<u>Business Information</u>
Service-Disabled Veteran's Name (Please Print)	Service-Disabled Veteran Business Name
Service-Disabled Veteran's Signature	Missouri Address of Service Disabled Veteran Business

COOPERATIVE AGREEMENT NOTICE

The Department is interested in assisting Missouri governmental entities, etc. in purchasing equipment, various materials and supplies that meet the Highway and Transportation Department specifications.

Each bidder is asked to indicate below whether they would be willing to offer **Traffic Signal Parts** listed in the attached "Request for Bid" for sale to these local political entities at the same bid price offered to this Department.

It is understood the Department will not issue purchase orders, accept delivery nor make payment for these items ordered by any of these agencies. It is further understood the price is based on the **Traffic Signal Parts** meeting the Department specifications. Any added options, deletions, or extra freight costs would be negotiated between the local agency and the successful vendor.

Indicate below whether your company is willing to offer such cooperative purchasing for Missouri counties, cities or other political entities.

YES _____ NO _____

If the price varies throughout the state on Department bids because of different delivery destinations, please indicate the price f.o.b. your location that would be offered as described.

F.O.B. Location _____

Indicate the deadline date that orders will be accepted. _____

COMPANY NAME _____

ADDRESS _____

PHONE NUMBER _____

SIGNATURE _____

TITLE _____

DATE _____

(Each vendor should complete the appropriate sections of their form and submit with their bid.)

Missouri Highways and Transportation Commission
Standard Bid/Proposal Provisions, General Terms and Conditions and Special Terms and Conditions

STANDARD SOLICITATION PROVISIONS

- a. The solicitation for the procurement of the supplies referenced therein, to which these "Standard Bid Provisions, General Terms and Conditions and Special Terms and Conditions" are attached, is being issued under, and governed by, the provisions of Title 7 – Missouri Department of Transportation, Division 10 – Missouri Highways and Transportation Commission, Chapter 11 – Procurement of Supplies, of the Code of State Regulations. The Missouri Highways and Transportation Commission (MHTC), acting by and through its operating arm, the Missouri Department of Transportation (MoDOT), draws the Bidder's attention to said 7 CSR 10-11 for all the provisions governing solicitation and receipt of bids and the award of the contract pursuant to this solicitation.
- b. All bids must be signed with the firm name and by a responsible officer or employee. Obligations assumed by such signature must be fulfilled.

GENERAL TERMS AND CONDITIONS

Definitions

Capitalized terms as well as other terms used but not defined herein shall have the meaning assigned to them in section 7 CSR 10-11.010 Definition of Terms.

Nondiscrimination

- a. The Contractor shall comply with all state and federal statutes applicable to the Contractor relating to nondiscrimination, including, but not limited to, Chapter 213, RSMo; Title VI and Title VII of Civil Rights Act of 1964 as amended (42 U.S.C. Sections 2000d and 2000e, *et seq.*); and with any provision of the "Americans with Disabilities Act" (42 U.S.C. Section 12101, *et seq.*).
- b. **Sanctions for Noncompliance:** In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, MHTC shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
 - i. withholding of payments to the Contractor under the contract until the Contractor complies, and/or,
 - ii. cancellation, termination or suspension of the contract, in whole or in part.

Contract/Purchase Order

- a. By submitting a bid/quote, the Bidder agrees to furnish any and all equipment, supplies and/or services specified in the solicitation documents, at the prices quoted, pursuant to all requirements and specifications contained therein.
- b. A binding contract shall consist of: (1) the solicitation documents, amendments thereto, and/or Best and Final Offer (BAFO) request(s) with any changes/additions, (2) the Contractor's bid response, and (3) the MHTC's acceptance of the bid by post-award contract or purchase order.
- c. A notice of award does not constitute an authorization for shipment of equipment or supplies or a directive to proceed with services. Before providing equipment, supplies and/or services, the Contractor must receive a properly authorized notice to proceed and/or purchase order.

Applicable Laws and Regulations

- a. The contract shall be construed according to the laws of the State of Missouri. The Contractor shall comply with all local, state, and federal laws and regulations related to the performance of the contract. The exclusive venue for any legal proceeding relating to or arising, out of the contract shall be in the Circuit Court of Cole County, Missouri.
- b. The Contractor must be registered and maintain good standing with the Secretary of State of the State of Missouri, Missouri Department of Revenue, and other regulatory agencies, as may be required by law or regulations. Prior to the issuance of a purchase order and/or notice to proceed, the Contractor may be required to submit to MHTC a copy of their current Authority Certificate from the Secretary of State of the State of Missouri and/or a copy of their Certificate of No Tax Due from the Missouri Department of Revenue.
- c. Prior to the issuance of a purchase order and/or notice to proceed, all **out-of-state** Contractors **providing services** within the state of Missouri must submit to MHTC a copy of their current Transient Employer Certificate from the Missouri Department of Revenue, in addition to a copy of their current Authority Certificate from the Secretary of State of the State of Missouri.

Executive Order

The Contractor shall comply with all the provisions of Executive Order 07-13, issued by the Honorable Matt Blunt, Governor of Missouri, on the sixth (6th) day of March, 2007. This Executive Order, which promulgates the State of Missouri's position to not tolerate persons who contract with the state engaging in or supporting illegal activities of employing individuals who are not eligible to work in the United States, is incorporated herein by reference and made a part of this Agreement.

- 1) "By signing this Agreement, the Contractor hereby certifies that any employee of the Contractor assigned to perform services under the contract is eligible and authorized to work in the United States in compliance with federal law."
- 2) In the event the Contractor fails to comply with the provisions of the Executive Order 07-13, or in the event the Commission has reasonable cause to believe that the contractor has knowingly employed individuals who are not eligible to work in the United States in violation of federal law, the Commission reserves the right to impose such contract sanctions as it may determine to be appropriate, including but not limited to contract cancellation, termination or suspension in whole or in part or both.
- 3) The Contractor shall include the provisions of this paragraph in every subcontract. The Contractor shall take such action with respect to any subcontract as the Commission may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Standard Bid/Proposal Provisions, General Terms and Conditions and Special Terms and Conditions

Preferences

- a. In the evaluation of bids, preferences shall be applied in accordance with 7 CSR 10-11.020(7). Contractors should apply the same preferences in selecting subcontractors. The attached document entitled "**VENDOR INFORMATION AND PREFERENCE CERTIFICATION FORM**" must be completed and returned with the solicitation documents.
- b. Bidders are encouraged to obtain minority business enterprise (MBE) and women business enterprise (WBE) participation in this work through the use of subcontractors, suppliers, joint ventures, or other arrangements that afford meaningful participation for MWBEs. Bidders are encouraged to obtain 10% MBE and 5% WBE participation.

Cancellation of Contract

The MHTC may cancel the Contract at any time for a material breach of contractual obligations or for convenience by providing Contractor with written notice of cancellation. Should the MHTC exercise its right to cancel the contract for such reasons, cancellation will become effective upon the date specified in the notice of cancellation sent to the Contractor.

Bankruptcy or Insolvency

Upon filing for any bankruptcy or insolvency proceeding by or against the Contractor, whether voluntarily, or upon the appointment of a receiver, trustee, or assignee, for the benefit of creditors, the Commission reserves the right and sole discretion to either cancel the Agreement or affirm the Agreement and hold the Contractor responsible for damages.

Warranty

The Contractor expressly warrants that all equipment, supplies, and/or services provided shall: (1) conform to each and every specification, drawing, sample or other description which was furnished to or adopted by the MHTC, (2) be fit and sufficient for the purpose expressed in the solicitation documents, (3) be merchantable, (4) be of good materials and workmanship, and (5) be free from defect.

Status of Independent Contractor

The Contractor represents itself to be an independent Contractor offering such services to the general public and shall not represent itself or its employees to be an employee of the MHTC. Therefore, the Contractor shall assume all legal and financial responsibility for taxes, FICA, employee fringe benefits, workers' compensation, employee insurance, minimum wage requirements, overtime, etc., and agrees to indemnify, save and hold the MHTC, its officers, agents and employees harmless from and against any and all losses (including attorney fees) and damage of any kind related to such matters.

Non-Waiver

If one of the parties agrees to waive its right to enforce any term of this Contract, that party does not waive its right to enforce such term at any other time or to enforce any or all other terms of this Contract.

Indemnification

The Contractor shall defend, indemnify and hold harmless MHTC, including its members and department employees, from any claim or liability whether based on a claim for damages to real or personal property or to a person for any matter relating to or arising out of the Contractor's performance of its obligations under the contract awarded pursuant to this solicitation.

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
SIGNAL HOUSING, SIGNAL HEADS AND HARDWARE**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri’s Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
1-Section Polycarbonate Signal Housing (Housing only)	_____	_____
<i>Signal heads shall be assembled w/ PELCO hardware w/ extended view LEDs and visors and furnished</i> <u>WITHOUT BACKPLATES.</u>		
3-Section Polycarbonate Signal Heads (R-Y-G)	_____	_____
3-Section Polycarbonate Signal Heads (RL-YL-L)	_____	_____
3-Section Polycarbonate Signal Heads (RL-YL-YL)	_____	_____
4-Section Polycarbonate Signal Heads (R-Y-S-L)	_____	_____
4-Section Polycarbonate Signal Heads (R-Y-S-Rt)	_____	_____
4-Section Polycarbonate Signal Heads (RL-YL-YL-L)	_____	_____
5-Section Polycarbonate Signal Heads Vertical – Side or Top-Mount	_____	_____
5-Section Polycarbonate Signal Heads 1-2-2 Overhead Mount w/ Pelco Hardware (SP-1031-MO)	_____	_____
Polycarbonate Backplate	_____	_____

Signed: _____ Title: _____ Date: _____

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
PEDESTRIAN HEADS AND HARDWARE**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
<i>LED's must be ETL verified mark and listed with Intertek.</i>		
Pedestrian Head 1-Section w/ Pedestrian LED Signal	_____	_____
Pedestrian LED Signal (Replacement)	_____	_____
Pedestrian Countdown LED Signal (Replacement)	_____	_____

Signed: _____ Title: _____ Date: _____

*****DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY*****

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
PEDESTRIAN BUTTONS**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
<i>LED's must be ETL verified mark and listed with Intertek.</i>		
Pedestrian Push-Button, Round w/ housing	_____	_____
Pedestrian Push-Button, Round	_____	_____

Signed: _____ Title: _____ Date: _____

******DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY******

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
 PELCO POLES, BASES AND HARDWARE**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
Spun Aluminum Pole, Toe, SCH 80, 15' Length (PB-5102)	_____	_____
Pole & Base Collar Assembly (Wind Collar)	_____	_____
12-Circuit Disconnect Hanger Assembly (SE-3073)	_____	_____
Break-A-Way Tether Assembly, tri stud (SE-5050)	_____	_____
Serrated EII (90 degree elbow) (SE-0457)	_____	_____
Tri-Stud Balancer Assembly, 3/4" width (SE-5034)	_____	_____
Tri-Stud Wire Hanger Assembly (SE-5089)	_____	_____
Vertical Slip Tee (SE-0458)	_____	_____
Horizontal Slip Tee (SE-0474)	_____	_____
Slip Fitter, 3 & 4 way signal (SE-3029)	_____	_____
Span Wire Clamp, 3/4" width (SE-0321)	_____	_____
Span Wire Clamps, Alum. 3/4" w/ J-bolts (SE-4027)	_____	_____
3-Section Polycarbonate Backplate (BK-100x Series)	_____	_____
4-Section Polycarbonate Backplate (BK-100x Series)	_____	_____
5-Section Polycarbonate Backplate Vertical (BK-100x Series)	_____	_____
5-Section Polycarbonate Backplate 1-2-2 (BK-100x Series)	_____	_____
Signed: _____	Title: _____	Date: _____

*****DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY*****

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
MISCELLANOUS HARDWARE**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
3/8" Strandvise – Reliable 5202	_____	_____
1/4" Strandvise – Reliable 5200	_____	_____
3/4" Stainless Steel Banding Material (Type 201 (US-8122-06)) 100' Box	_____	_____
3/4" Type 316 Stainless Steel Banding (0.30" Thick) (US-8124-56) 100 package qty.	_____	_____

Signed: _____ Title: _____ Date: _____

******DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY******

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
CABINETS, CONTROLLERS AND CONTROLLER ACCESSORIES**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
NEMA TS1 Type EV (Cabinet only) w/ auxiliary door & manual operation push button wired for 8 phases and 4 overlaps w/ 4 sets of wiring diagrams (MoDOT Spec # 1092.4.1.1 and 1092.4.1.5)	_____	_____
Type 170E 332 (Cabinet only) w/ 4 sets of wiring diagrams (MoDOT Spec # 1092.4.2.2 and 1092.4.2.3)	_____	_____
NEMA TS1 Controller w/ D' Plug	_____	_____
Type 170E Controller	_____	_____
NEMA Load Switches	_____	_____
NEMA Flashers	_____	_____
NEMA Flash Transfer Relays	_____	_____
NEMA-Conflict Monitor	_____	_____
2-Channel Card Rack Detectors Time Delay TS1/TS2	_____	_____

Signed: _____ Title: _____ Date: _____

*****DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY*****

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
WIRE AND CABLE**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>IMSA Specification Number</u>
<i>Wire must meet International Municipal Signal Association (IMSA) specs.</i>		
Loop Lead-In Wire, 2-Conductor, 14 gauge (2500' Spool)	_____	_____
Loop Lead-In Wire, 2-Conductor, 14 gauge (1000' Spool)	_____	_____
Loop Wire - 14 gauge XHHW in-duct (2500' Spool)	_____	_____
1/4" Messenger Wire Cable Steel (Class A) (250' Coil)	_____	_____
3/8" Messenger Wire Cable Steel (Class A) (250' Coil)	_____	_____
3-Conductor Wire – 12 AWG (2500' Wooden Spool)	_____	_____
7-Conductor Signal Wire – 16 AWG (2500' Wooden Spool) (IMSA 19-1)	_____	_____
7-Conductor Signal Wire – 16 AWG (500' Wooden Spool) (IMSA 19-1)	_____	_____
7-Conductor Signal Wire – 16 AWG (2500' Wooden Spool) (IMSA 20-1)	_____	_____
7-Conductor Signal Wire – 16 AWG (500' Wooden Spool) (IMSA 20-1)	_____	_____

Signed: _____ Title: _____ Date: _____

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
CIRCULAR SIGNAL MODULES AND ARROW LED INDICATIONS**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
<i>LED's must be ETL verified mark and listed with Intertek.</i>		
Circular Signal Module (Green)	_____	_____
Circular Signal Module (Yellow)	_____	_____
Circular Signal Module (Red)	_____	_____
Signal Arrow LED Indication (Green Arrow)	_____	_____
Signal Arrow LED Indication (Yellow Arrow)	_____	_____
Signal Arrow LED Indication (Red Arrow)	_____	_____

Signed: _____ Title: _____ Date: _____

*****DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY*****

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
PROGRAMMABLE VIEW LEDs**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri's Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
<i>LED's must be ETL verified mark and listed with Intertek.</i>		
Programmable View LED (Green Ball)	_____	_____
Programmable View LED (Yellow Ball)	_____	_____
Programmable View LED (Red Ball)	_____	_____

Signed: _____ Title: _____ Date: _____

**TRAFFIC SIGNAL ACCESSORIES EQUIPMENT LIST
PULL BOXES**

The following list shall be completed and returned with the bid. Equipment shall meet Missouri’s Standard Specifications for Highway Construction and Approved Products List. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

*Laminated Stickers will **NOT** be accepted. Pull Boxes must have a Cover Embossed with either “STATE SIGNALS” or “STATE LIGHTING”.*

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
<u>Straight:</u>		
Preformed Pull Box - Class 1	_____	_____
Preformed Pull Box - Class 2	_____	_____
Preformed Pull Box - Class 3	_____	_____
Preformed Pull Box – Class 5	_____	_____
<u>Flared:</u>		
Preformed Pull Box - Class 1	_____	_____
Preformed Pull Box - Class 2	_____	_____
Preformed Pull Box - Class 3	_____	_____
Preformed Pull Box – Class 5	_____	_____

Signed: _____ Title: _____ Date: _____

*****DOUBLE CHECK YOUR INFORMATION ENTERED ON THIS FORM FOR ACCURACY*****

Group 1

Unit	Description of Parts - Signal Housing, Signal Heads and Hardware	UNIT PRICE
ea	1-Section Polycarbonate Signal Housing (housing only)	
	Signal heads shall be assembled w/ Pelco hardware, w/ extended view LEDs and visors and furnished <u>WITHOUT BACKPLATES.</u>	
ea	3-Section Polycarbonate Signal Heads (R-Y-G)	
ea	3-Section Polycarbonate Signal Heads (RL-YL-L)	
ea	3-Section Polycarbonate Signal Heads (RL-YL-YL)	
ea	4-Section Polycarbonate Signal Heads (R-Y-S-L)	
ea	4-Section Polycarbonate Signal Heads (R-Y-S-Rt)	
ea	4-Section Polycarbonate Signal Heads (RL-YL-YL-L)	
ea	5-Section Polycarbonate Signal Heads - Vertical - Side or Top-Mount	
ea	5-Section Polycarbonate Signal Heads - 1-2-2 - Overhead Mount with Pelco Hardware (SP-1031-MO)	
ea.	Polycarbonate Backplate	
	<i>Total</i>	

Group 2

Unit	Description of Parts - Pedestrian Heads & Hardware	UNIT PRICE
	LED's must be ETL verified mark and listed with Intertek.	
ea	Pedestrian Head - 1-Section with Pedestrian LED Signal	
ea	Pedestrian LED Signal (Replacement)	
ea	Pedestrian Countdown LED Signal (Replacement)	
	<i>Total</i>	

Group 3

Unit	Description of Parts - Pedestrian Buttons	UNIT PRICE
	LED's must be ETL verified mark and listed with Intertek.	
ea	Pedestrian Push-Button, round w/ housing	
ea	Pedestrian Push-Button, round	
	<i>Total</i>	

Company _____ Signature _____

Group 4

Unit	Description of Parts - Pelco Poles, Bases and Hardware	UNIT PRICE
MSRP Statement: % Discount off MSRP for Catalog Pricing: _____ % Discount		
Vendor must supply catalog (no charge) to each of the seven 7 Districts upon award		
ea	Spun Aluminum Pole, SCH 80 15' Length (PB-5102)	
ea	Pole & Base Collar Assembly (Wind Collar)	
ea	12-Circuit Disconnect Hanger Assembly (SE-3073)	
ea	Break-A-Way Tether Assembly, tri-stud (SE-5050)	
ea	Serrated Ell (90 degree elbow) (SE-0457)	
ea	Tri-Stud Balancer Assembly, 3/4" width (SE-5034)	
ea	Tri-Stud Wire Hanger Assembly (SE-5089)	
ea	Vertical Slip Tee (SE-0458)	
ea	Horizontal Slip Tee (SE-0474)	
ea	Slip Fitter, 3 & 4 way signal (SE-3029)	
ea	Span Wire Clamp, 3/4" width (SE-0321)	
ea	Span Wire Clamps, Alum., 3/4" w/ J-bolts (SE-4027)	
ea	3-Section Polycarbonate Backplate (BK-100x Series)	
ea	4-Section Polycarbonate Backplate (BK-100x Series)	
ea	5-Section Polycarbonate Backplate - Vertical (BK-100x Series)	
ea	5-Section Polycarbonate Backplate - 1-2-2 (BK-100x Series)	
		Total

Group 5

Unit	Description of Parts - Miscellaneous Hardware	UNIT PRICE
ea	3/8" Strandvise - Reliable 5202	
ea	1/4" Strandvise - Reliable 5200	
box	3/4" Stainless Steel Banding Material (Type 201 (US-8122-06)) - 100' box	
pgk	3/4" Type 316 Stainless Steel Band (0.30" Thick) (US-81424-56) - 100 package qty.	
		Total

Group 6

Unit	Description of Parts - Cabinets, Controllers & Controller Accessories	UNIT PRICE
ea	NEMA TS1 Type EV (Cabinet only) w/ auxiliary door & manual operation push button wired for 8 phases and 4 overlaps and 4 sets of wiring diagrams (MoDOT Spec # 1092.4.1.1 and 1092.4.1.5)	
ea	Type 170E 332 (Cabinet only) w/ 4 sets of wiring diagrams (MoDOT Spec # 1092.4.2.2 and 1092.4.2.3)	
ea	NEMA TS1 Controller w/ D' Plug	
ea	Type 170E Controller	
ea	NEMA Load Switches	
ea	NEMA Flashers	
ea	NEMA Flash Transfer Relays	
ea	NEMA - Conflict Monitor	
ea	2-Channel Card Rack Detectors - Time Delay TS1/TS2	
		Total

Company _____ Signature _____

Group 7

Unit	Description of Parts - Wire and Cable	UNIT PRICE
	Wire must meet International Municipal Signal Association (IMSA) specs.	
spool	Loop Lead-In Wire, 2-Conductor - 14 gauge - 2500' spool	
spool	Loop Lead-In Wire, 2-Conductor - 14 gauge - 1000' spool	
spool	Loop Wire - 14 gauge XHHW in-duct - 2500' spool	
coil	1/4" Messenger Wire Cable Steel (Class A) - 250' Coil (Sec. 902.8 & Std. Dwg. 902.70)	
coil	3/8" Messenger Wire Cable Steel (Class A) - 250' Coil	
spool	3-Conductor wire - 2500' wooden spool - 12 AWG	
spool	7-Conductor signal wire - 2500' wooden spool - 16 AWG (IMSA 19-1)	
spool	7-Conductor signal wire - 500' wooden spool - 16 AWG (IMSA 19-1)	
spool	7-Conductor signal wire - 2500' wooden spool - 16 AWG (IMSA 20-1)	
spool	7-Conductor signal wire - 500' wooden spool - 16 AWG (IMSA 20-1)	
	<i>Total</i>	

Group 8

Unit	Description of Parts - Circular Signal Modules and Arrow LED Indications	UNIT PRICE
	LED's must be ETL verified mark and listed with Intertek.	
ea	Circular Signal Modules - (Green)	
ea	Circular Signal Modules - (Yellow)	
ea	Circular Signal Modules - (Red)	
ea	Signal Arrow LED Indications - (Green Arrow)	
ea	Signal Arrow LED Indications - (Yellow Arrow)	
ea	Signal Arrow LED Indications - (Red Arrow)	
	<i>Total</i>	

Group 9

Unit	Description of Parts - Programmable View LEDs	UNIT PRICE
	LED's must be ETL verified mark and listed with Intertek.	
ea	Programmable View LED - (Green Ball)	
ea	Programmable View LED - (Yellow Ball)	
ea	Programmable View LED - (Red Ball)	
	<i>Total</i>	

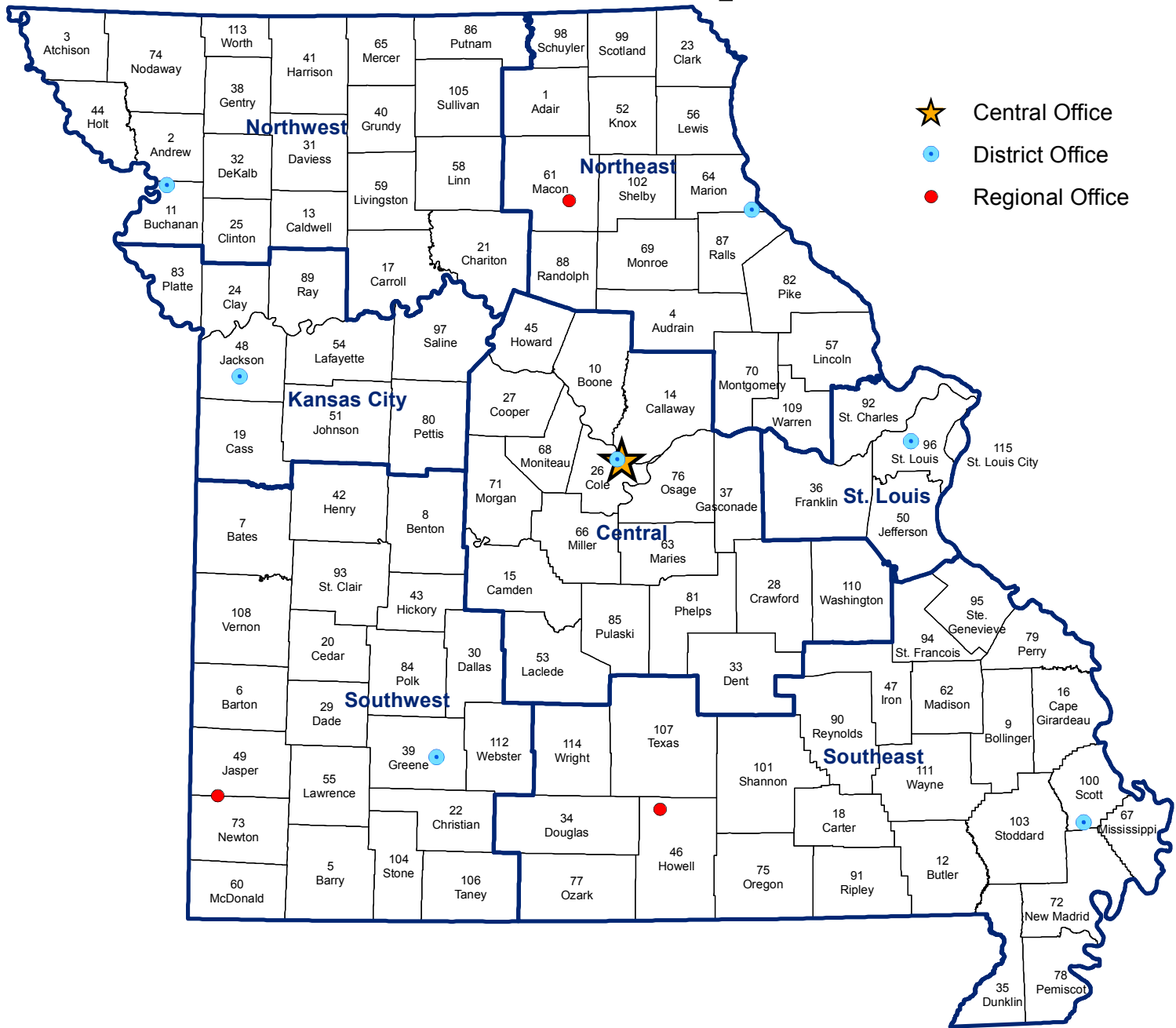
Company _____ Signature _____

Group 10

Unit	Description of Parts - Pull Boxes	UNIT PRICE
	Laminated Stickers will <u>NOT</u> be accepted. Pull Boxes must have a Cover Embossed with either "STATE SIGNALS" or "STATE LIGHTING".	
	<u>Straight:</u>	
ea	Preformed Pull Box - Class 1	
ea	Preformed Pull Box - Class 2	
ea	Preformed Pull Box - Class 3	
ea	Preformed Pull Box - Class 5	
	<u>Flared:</u>	
ea	Preformed Pull Box - Class 1	
ea	Preformed Pull Box - Class 2	
ea	Preformed Pull Box - Class 3	
ea	Preformed Pull Box - Class 5	
	<i>Total</i>	

Company _____ Signature _____

Missouri Department of Transportation District Map



County	No. Dist.	County	No. Dist.	County	No. Dist.	County	No. Dist.	County	No. Dist.	County	No. Dist.						
Adair	1	NE	Chariton	21	NW	Harrison	41	NW	Macon	61	NE	Phelps	81	C	Shannon	101	SE
Andrew	2	NW	Christian	22	SW	Henry	42	SW	Madison	62	SE	Pike	82	NE	Shelby	102	NE
Atchison	3	NW	Clark	23	NE	Hickory	43	SW	Maries	63	C	Platte	83	KC	Stoddard	103	SE
Audrian	4	NE	Clay	24	KC	Holt	44	NW	Marion	64	NE	Polk	84	SW	Stone	104	SW
Barry	5	SW	Clinton	25	NW	Howard	45	C	Mercer	65	NW	Pulaski	85	C	Sullivan	105	NW
Barton	6	SW	Cole	26	C	Howell	46	SE	Miller	66	C	Putnam	86	NW	Taney	106	SW
Bates	7	SW	Cooper	27	C	Iron	47	SE	Mississippi	67	SE	Ralls	87	NE	Texas	107	SE
Benton	8	SW	Crawford	28	C	Jackson	48	KC	Moniteau	68	C	Randolph	88	NE	Vernon	108	SW
Bollinger	9	SE	Dade	29	SW	Jasper	49	SW	Monroe	69	NE	Ray	89	KC	Warren	109	NE
Boone	10	C	Dallas	30	SW	Jefferson	50	SL	Montgomery	70	NE	Reynolds	90	SE	Washington	110	C
Buchanan	11	NW	Davies	31	NW	Johnson	51	KC	Morgan	71	C	Ripley	91	SE	Wayne	111	SE
Butler	12	SE	Dekalb	32	NW	Knox	52	NE	New Madrid	72	SE	St. Charles	92	SL	Webster	112	SW
Caldwell	13	NW	Dent	33	C	Laclede	53	C	Newton	73	SW	St. Clair	93	SW	Worth	113	NW
Callaway	14	C	Douglas	34	SE	Lafayette	54	KC	Nodaway	74	NW	St. Francois	94	SE	Wright	114	SE
Camden	15	C	Dunklin	35	SE	Lawrence	55	SW	Oregon	75	SE	Ste. Genevieve	95	SE	St. Louis City	115	SL
Cape Girardeau	16	SE	Dunklin	35	SE	Lewis	56	NE	Ozark	77	SE	St. Louis	96	SL			
Carroll	17	NW	Gasconade	37	C	Lincoln	57	NE	Pemiscot	78	SE	Saline	97	KC			
Carter	18	SE	Gentry	38	NW	Linn	58	NW	Perry	79	SE	Schuyler	98	NE			
Cass	19	KC	Greene	39	SW	Livingston	59	NW	Pettis	80	KC	Scotland	99	NE			
Cedar	20	SW	Grund	40	NW	McDonald	60	SW				Scott	100	SE			

