### **BID FORM**

## MISSOURI DEPARTMENT OF TRANSPORTATION GENERAL SERVICES P.O. BOX 270

P.O. BOX 270 JEFFERSON CITY, MO 65102

REQUEST NO.	2-130322RW
DATE	March 7, 2013

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

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

2:00 PM, Local Time, March 22, 2013

Submit net bid as cash discount stipulations will not be considered

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

Various District Locations

<b>BUYER:</b>	Robin Warren	BUYER TELEPHONE:	(573) 526-7929	
		SUPPLIES OR SERVICES		

To establish a unit delivered price for: Traffic Lighting Parts

\*\*\*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.

This document constitutes an RFB, and solicits competitive sealed bids from qualified bidders to provide **Traffic Lighting 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.

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

**Note to Respondent:** The bidder must use the firm name under which he/she is registered to do business in the of Missouri. The bidder must ensure that his/her firm name is registered with the office of the Secretary of State. Failure to use the correct firm name on all bid documents will result in delaying the contract award.

(SEE ATTA	CHED FOR CONDITIONS AND INSTRU	JCTIONS)
	or bids, and subject to all conditions thereof, the undersig es were bid within the timeframe specified herein after re	
Date: Telephone No.: Fax No.:	Firm Name: Address:	
Email Address:	By (Signature):  Type/Print Name  Title:	

Form E-103 (Rev. 11-04)

## 1. Introduction

- 1.1 This solicitation seeks bids from qualified organizations to provide Traffic Lighting Parts throughout the state of Missouri with an effective contract period of Date of Award through March 31, 2014 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 equipment shall conform to the latest revision of Section 1091 of the Missouri Standard Specifications for Highway Construction and the Missouri Standard Plans for Highway Construction. *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. *See Appendix B*.
- 2.3 See Appendix C for specification for Sign Lighting Fixture Specifications..
- 2.4 If a category is not on the Approved Products List, specifications shall be submitted to compare with MoDOT specifications.

### 3. Quantities

3.1 The quantities identified in the Pricing Pages are estimates only. MoDOT may increase or decrease quantities as needed. MoDOT will issue purchase orders for traffic lighting equipment throughout the duration of the contract on an as needed basis.

## 4. Delivery

- 4.1 All equipment, with the exception of poles, must be received at the specified destination within 45-60 calendar days after the issue date of the purchase order unless otherwise specified on the purchase order.
- 4.2 Poles must be received at the specified destination within 90 calendar days after the issue date of the purchase order unless otherwise specified on the purchase order.
- 4.3 Failure to deliver equipment 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.

## 5. Liquidated Damages

- 5.1 In the event the successful Contractor fails to deliver the material within the time specified, the Department and the public will sustain damages because of such delay in delivery, the exact extent of which would be difficult to ascertain, and in order to liquidate such damage in advance it is agreed that the **sum of \$100 per day, per item,** for each assessable calendar day on which the delivery has not been completed, is reasonable and the best estimate which the parties can arrive at as liquidated damages, and it is therefore agreed that said amount will be withheld from payments due the Contractor or otherwise collected from the Contractor as liquidated damages.
- 5.2 Saturdays, Sundays, holidays and days whereas the Department has suspended work shall not be assessable days.

### 6. Award

- 6.1 Award of this bid will be made on a "Group-By-Group" basis after reviewing all options, and by using the "lowest and best" principle of award, providing the prices are acceptable to the Commission.
- 6.1 Bidders must submit pricing for each item in each group in order to be considered responsive. Pricing is also required for all items listed with zero estimated quantities.
- 6.1 Notification of award will be at the time the tabulation is posted on the Internet. It is the sole responsibility for all bidders to check the website for bid results.
- 6.1 In the event of tie low bids, the Commission reserves the right to establish the method to be used in determining the award.

### 7. Bid Submission

7.1 Each bid must be mailed or hand delivered in a sealed package to the RFB Coordinator at the General Services Procurement Office. All questions regarding the RFB shall be submitted to the RFB Coordinator. All bids must be received at the General Services Procurement Office located at 830 MoDOT Drive, no later than 2:00 p.m., Local Time, March 22, 2013.

The Missouri Department of Transportation General Services – Procurement Division Attn: Robin Warren

PO Box 270 Mailing Address

Jefferson City, MO 65102

830 MoDOT Drive Physical Address

Jefferson City, MO 65109

- 7.2 All bids must be received in a sealed package clearly marked "2-130322RW-Traffic Lighting Parts"
- 7.3 MHTC reserves the right to reject any and all bids for any reason whatsoever.
- 7.4 Bids will be reviewed to determine if the bid complies with the mandatory requirements, and to determine the lowest and responsive bid.
- 7.5 **Cost Determination** The low bid shall be determined by reviewing the line items in each group to ensure pricing was submitted on all items.

## 7.6 Open Competition/Request for Bid Document

a. 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.

# **GROUP 1 PRICING PAGE**

Estimated Quantity	Unit	Description of Parts - Lamps	UNIT PRICE	AMOUNT
0	Ea.	70 Watt High Pressure Sodium Lamps (Medium Base, Clear)		
580	Ea.	150 Watt (55 volt) High Pressure Sodium Lamps (Mogul Base, Clear)		
324	Ea.	150 Watt (100 volt) High Pressure Sodium Lamps (Mogul Base, Clear)		
72	Ea.	150 Watt (55 volt) High Pressure Sodium Lamps (Medium Base, Clear)		
1449	Ea.	250 Watt High Pressure Sodium Lamps (Mogul Base, Clear)		
1145	Ea.	400 Watt High Pressure Sodium Lamps (Mogul Base, Clear)		
465	Ea.	1000 Watt High Pressure Sodium Lamps (Mogul Base, Clear)		
0	Ea.	175 Watt Metal Halide Lamps (Medium Base, Clear)		
0	Ea.	175 Watt Metal Halide Lamps (Mogul Base, Clear)		
0	Ea.	250 Watt Metal Halide Lamps (Mogul Base, Clear)		
30	Ea.	400 Watt Metal Halide Lamps (Mogul Base, Clear)		
44	Ea.	1000 Watt Metal Halide Lamps (Mogul Base, Clear)		

# **GROUP 2 PRICING PAGE**

Estimated Quantity	Unit	Description of Parts - Luminaires	UNIT PRICE	AMOUNT
186	Ea.	150 Watt (Multi Tap) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (w/out Photo Cell Base)		
337	Ea.	250 Watt (Multi Tap) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (without Photo Cell Base)		
55	Ea.	400 Watt (Multi Tap) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (without Photo Cell Base)		
40	Ea.	150 Watt (480 volt) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (without Photo Cell Base)		
267	Ea.	250 Watt (480 volt) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (without Photo Cell Base)		
116	Ea.	400 Watt (480 volt) High Pressure Sodium Luminaire		
		Type 3 Distribution, Copper Windings, Glass Lenses (without Photo Cell Base)		
0	Ea.	150 Watt (480 volt) High Pressure Sodium Ballast Kit		
0	Ea.	250 Watt (480 volt) High Pressure Sodium Ballast Kit		
0	Ea.	400 Watt (480 volt) High Pressure Sodium Ballast Kit		
0	Ea.	150 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
0	Ea.	250 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
0	Ea.	400 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
0	Ea.	250 Watt (240 volt) Metal Halide Ballast Kit		
0	Ea.	250 Watt (480 volt) Metal Halide Ballast Kit		
0	Ea.	400 Watt (120/240 volt) Metal Halide Ballast Kit		
0	Ea.	400 Watt (480 volt) Metal Halide Ballast Kit		
0	Ea.	Time-Delay Photo Cell (120 volt)		
198	Ea.	Time-Delay Photo Cell (120/240 volt)		
0	Ea.	Time-Delay Photo Cell (240 volt)		
0	Ea.	Time-Delay Photo Cell (480 volt)		
59	Ea.	Socket for Photo Cell		

Group 2 Total		

# **GROUP 3 PRICING PAGE**

Estimated Quantity	Unit	Description of Parts - Wire and Conduit	UNIT PRICE	AMOUNT
1	Spool	#10 AWG XLP\USE Pole & Bracket Wire, Stranded Copper, Single Conductor		
		WHITE on 500' Wooden Spools		
37	Spool	#10 AWG XLP\USE Pole & Bracket Wire, Stranded Copper, Single Conductor		
		BLACK on 500' Wooden Spools		
2	Spool	# 4 AWG THHN/THWN2, Stranded Copper, Single Conductor		
		BLACK on 500' Wooden Spools		
0	Spool	# 4 AWG THHN/THWN2, Stranded Copper, Single Conductor		
		WHITE on 500' Wooden Spools		
2	Spool	# 2 AWG THHN/THWN2, Stranded Copper, Single Conductor		
		BLACK on 500' Wooden Spools		
0	Spool	# 2 AWG THHN/THWN2, Stranded Copper, Single Conductor		
		WHITE on 500' Wooden Spools		
2	Spool	# 4 AWG XHHW-2, Stranded Copper, Single Conductor		
		BLACK on 500' Wooden Spools		
0	Spool	# 4 AWG XHHW-2, Stranded Copper, Single Conductor		
		WHITE on 500' Wooden Spools		
1	Spool	# 2 AWG XHHW-2, Stranded Copper, Single Conductor		
		BLACK on 500' Wooden Spools		
0	Spool	# 2 AWG XHHW-2, Stranded Copper, Single Conductor		
		WHITE on 500' Wooden Spools		
	0	# 6 AWG Solid Copper Conductor, Bare, on 500' Wooden		
<u>6</u> 1	Spool Spool	Spool # 2 Cable, 1-1\4" Cable Conduit		
1	Зроог	Three # 2 AWG Underground Stranded Copper Conductors		
		One Bare, Two Insulated, On 500' Wooden Spools		
4	Spool	# 6 Cable, 1" Cable Conduit		
	5,001	Three # 6 AWG Underground Stranded Copper Conductors		
		One Bare, Two Insulated, On 500' Wooden Spools		
860	Ea.	Fused Slip Connector		
1500	Ea.	KTK-R-5 Fast Acting Fuses or equivalent (provide specifications)		

Group 3 Total		

# **GROUP 4 PRICING PAGE**

Estimated Quantity	Unit	Description of Parts - Type AT Galvanized Steel Poles & Bracket Arms	UNIT PRICE	AMOUNT
		Type AT Galvanized Steel Poles for 45' Mounting Height.		
0	Ea.	AT- 45 Design 1		
37	Ea.	AT- 45 Design 2		
13	Ea.	AT- 45 Design 3		
0	Ea.	AT- 45 Design 4		
0	Ea.	AT- 45 Design 5		
		Type AT Galvanized Steel Poles for 30' Mounting Height.		
43	Ea.	AT- 30		
		Type AT-30 with 18" Rise. Must include all attaching and mounting hardware.		
		Trussed:		
0	Ea.	4 foot		
20	Ea.	6 foot		
0	Ea.	8 foot		
20	Ea.	10 foot		
0	Ea.	12 foot		
18	Ea.	15 foot		
		Type AT-30 with 18" Rise. Must include all attaching and mounting hardware.		
		Single:		
0	Ea.	4 foot		
0	Ea.	6 foot		
		Type AT-45 with 5'-6" Rise. Must include all attaching and mounting hardware.		
0	Ea.	6 foot (single)		
10	Ea.	15 foot (trussed)		

Group 4 Total		

# **GROUP 5, 6 and 7 PRICING PAGE**

Estimated Quantity	Unit	Description of Parts - Circular Steel Foundations	UNIT PRICE	AMOUNT
		Include all hardware for mounting to transformer bases.		
		Circular Steel Foundation for 45' Mounting Height		
		See Standard Plans 901.01		
0	Ea.	Design 1 - 10'		
0	Ea.	Design 2 & 3 - 9'		
8	Ea.	Design 4 & 5 - 8'		
9		Circular Steel Foundation for 30' Mounting Height		
		See Standard Plans 901.00		

Estimated Quantity	Unit	Description of Parts - Transformer Bases	UNIT PRICE	AMOUNT
		Include all hardware for mounting to lighting poles.		
89	Ea.	45' Mounting Height		
		TB3-17H Akron Foundry		
53	Ea.	30' Mounting Height		
		TB1-17H Akron Foundry		

Group 6 Total	

Estimated Quantity	Unit	Description of Parts - Control Equipment	UNIT PRICE	AMOUNT
0	Ea.	Meter Service Pedestal 120 Volt Signal (Signal Only)		
		Meter Service Pedestal 120 Volt Signal with 2-circuit 240		
2	Ea.	Volt Lighting (Signal & Lighting)		
		Meter Service Pedestal 120 Volt Signal with 2-circuit 240		
3	Ea.	Volt Lighting Dual Meter (Signal & Lighting)		
		Meter Service Pedestal 2-circuit 240 Volt Lighting (Lighting		
1	Ea.	Only)		
		Meter Service Pedestal 4-circuit 480 Volt Lighting (Lighting		
3	Ea.	Only)		

# **VENDOR INFORMATION & PREFERENCE CERTIFICATION FORM**

## **Vendor Information**

All bidders must furnish ALL applicable information requested below

Vendor Name/Mailing Address	s:	Vendor Contact Information (including area codes):		
		Phone #:		
		Cellular #:		
Email Address:		Fax #:		
Printed Name of Responsible	Officer or Employee:	Signature:		
Triniou italiio oi itoopoiloisio	omosi si zmpioyesi	O.g. attaro.		
For Corporations - State in wh	ich incorporated:	For Others - State of domicile:		
a compensation of the comment				
If the address listed in the Vend	or Name/Mailing Address block abo	ve is not located in the State of Missouri, list the address of		
Missouri offices or places of bus		vo io not iodatea in tilo etate el misecali, net tilo addices el		
If additional space is required, ple	ase attach an additional sheet and ide	entify it as Addresses of Missouri Offices or Places of Business.		
	II certified Minority or Women Busin tractors and identify the M/WBE cer	ess Enterprises ( <b>M/WBE</b> ) utilized in the fulfillment of this bid. tifying agency:		
M/WBE Name	Percentage	of Contract M/WBE Certifying Agency		
	<u> </u>	<u></u>		
If additional space is required, ple	ase attach an additional sheet and ide	entify it as <b>M/WBE Information</b>		
All b		Certification capted below		
which the bidder proposes to su	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 <u>not</u> 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			
Item (or item number)	Location Where Item is Manufactured or Produced			
If additional space is required	nlease attach an additional sheet an	d identify it as Location Products are Manufactured or Produced.		
	ED VETERAN BUSINESS: Please of cable. See below definitions for qual	complete the following if applicable. Additional information may be ification criteria:		
Service-Disabled Veteran is de the administration of veterans' a		oled as certified by the appropriate federal agency responsible for		
Service-Disabled Veteran Business is defined as a business concern:  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.				
Veteran In	formation	<b>Business Information</b>		
Service-Disabled Veterar	n's Name (Please Print)	Service-Disabled Veteran Business Name		
	_			
Service-Disabled Vo	eteran'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 Lighting 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 Lighting 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	
1	state on Department bids because on that would be offered as described	of different delivery destinations, please
F.O.B. Location		
Indicate the deadline date that order	rs 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 (6<sup>th</sup>) 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.

Accepted: 05/16/11 Updated: 04/18/11

### Missouri Highways and Transportation Commission

### 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 M/WBEs. 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.

Accepted: 05/16/11 Updated: 04/18/11

# TRAFFIC LIGHTING EQUIPMENT LIST LAMPS

<u>Item</u>	<u>Manufacturer</u>	Catalog Number	Life Hours
70 Watt High Pressure Sodium Lamps (Medium Base, Clear)			
150 Watt (55 volt) High Pressure Sodium Lamps (Mogul Base, Clear)			
150 Watt (100 volt) High Pressure Sodium Lamps (Mogul Base, Clear)			
150 Watt (55 volt) High Pressure Sodium Lamps (Medium Base, Clear)			
250 Watt High Pressure Sodium Lamps (Mogul Base, Clear)			
400 Watt High Pressure Sodium Lamps (Mogul Base, Clear)			
1000 Watt High Pressure Sodium Lamps (Mogul Base, Clear)			
175 Watt Metal Halide Lamps (Medium Base, Clear)			
175 Watt Metal Halide Lamps (Mogul Base, Clear)			
250 Watt Metal Halide Lamps (Mogul Base, Clear)			
400 Watt Metal Halide Lamps (Mogul Base, Clear)			
1000 Wall Metal Halide Lamps (Mogul Base, Clear)			
		_	
Signed:	Title:	Date:	

# TRAFFIC LIGHTING EQUIPMENT LIST LUMINAIRES

<u>Item</u>	<b>Manufacturer</b>	<u>Catalog Number</u>
150 Watt (Multi-Tap) High Pressure Sodium Luminaire		
250 Watt (Multi-Tap) High Pressure Sodium Luminaire		
400 Watt (Multi-Tap) High Pressure Sodium Luminaire		
150 Watt (480 volt) High Pressure Sodium Luminaire		
250 Watt (480 volt) High Pressure Sodium Luminaire		
400 Watt (480 volt) High Pressure Sodium Luminaire		
150 Watt (480 volt) High Pressure Sodium Ballast Kit		
250 Watt (480 volt) High Pressure Sodium Ballast Kit		
400 Watt (480 volt) High Pressure Sodium Ballas Kit		
150 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
250 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
400 Watt (120/240 volt) High Pressure Sodium Ballast Kit		
250 Watt (240 volt) Metal Halide Ballast Kit		<u> </u>
250 Watt (480 volt) Metal Halide Ballast Kit		
400 Watt (120/240 volt) Metal Halide Ballast Kit		

400 Watt (480 volt) Metal Halide Ballast Kit	 
Time-Delay Photo Cell – 120 volt	 
Time-Delay Photo Cell – 120/240 volt	 
Time-Delay Photo Cell – 240 volt	 
Time-Delay Photo Cell – 480 volt	 
Socket for Photo Cell	 

Signed:\_\_\_\_\_\_\_Date:\_\_\_\_\_

# TRAFFIC LIGHTING EQUIPMENT LIST WIRE AND CONDUIT

<u>Item</u>	<u>Manufacturer</u>	Catalog Number
#10 AWG XLP, White		·
#10 AWG XLP, Black		
#4 AWG THW, Black		
#4 AWG THW, White		
#2 AWG THW, Black		
#2 AWG THW, White		
#6 AWG Solid Copper Conductor		
#2 Cable, 1-1/4" Cable Conduit		
#6 Cable, 1" Cable Conduit		
Fused Slip Connector		
KTK-R-5 Fast Acting Fuses (or equiv.) (provide specifications)		
Signed:	Title:	Date:

# TRAFFIC LIGHTING EQUIPMENT LIST TYPE AT GALVANIZED STEEL POLES AND BRACKET ARMS

<u>Item</u>	<b>Manufacturer</b>	<b>Approved Drawing Number</b>
Type AT Galvanized Steel Pole, AT-45	5.	
Design 1		
Design 2		
Design 3		
Design 4		
Design 5		
Type AT Galvanized Steel Pole, AT-30	).	
AT-30		
Type AT-30 with 18" Rise – Trussed.	Must include all attaching and mo	unting hardware.
4 Foot		
6 Foot		
8 Foot		
10 Foot		
12 Foot		
15 Foot		
Type AT-30 with 18" Rise – Single. M	lust include all attaching and mou	nting hardware.
4 Foot		
6 Foot		
Type AT-45 with 5'-6" Rise. Must inc	lude all attaching and mounting h	ardware.
6 Foot (single)		
15 Foot (trussed)		
Signed:	Title:	Date:

# TRAFFIC LIGHTING EQUIPMENT LIST CIRCULAR STEEL FOUNDATIONS

<u>Item</u>	<u>Manufacturer</u>	Catalog Number/Drawing Number
Must include all hardware for m	ounting to transforming bases.	
Circular Steel Foundation for 45' M (Refer to Standard Plans 901.1)	Nounting Height	
Design 1 – 10'		
Design 2 & 3 – 9'		
Design 4 & 5 – 8'	·	
Circular Steel Foundation for 30' Mounting Height (Refer to Standard Plans 901.00Z)		
Signadi	Tido	Doto

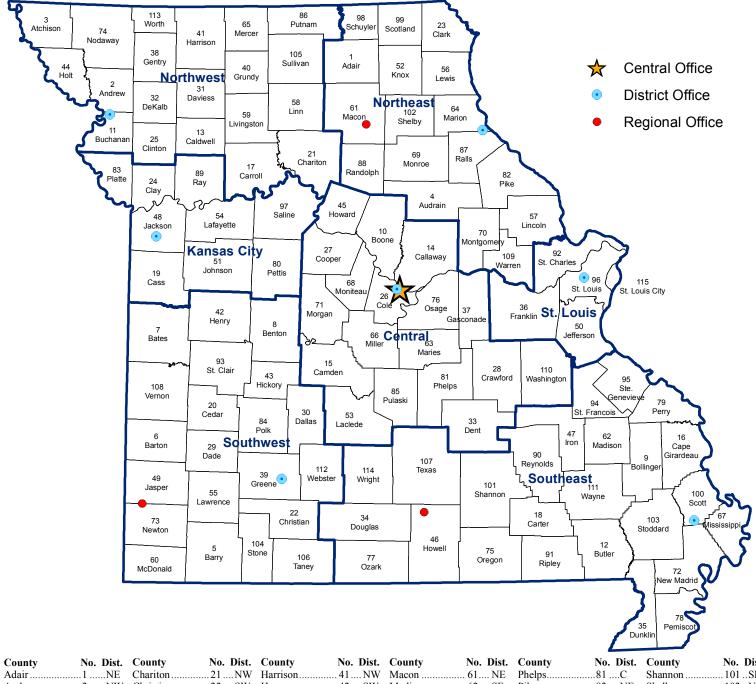
# TRAFFIC LIGHTING EQUIPMENT LIST TRANSFORMER BASES

<u>Item</u>	<u> Manufacturer</u>	<u>Catalog Number</u>
Must include all hardware for mou	enting to lighting poles.	
45' Mounting Height TB3-17H Akron Foundry		
30' Mounting Height TB1-17H Akron Foundry		
Signed:	Title:	Date:

# TRAFFIC LIGHTING EQUIPMENT LIST CONTROL EQUIPMENT

<u>Item</u>	<u>Manufacturer</u>	<u>Catalog Number</u>
Meter Service Pedestal – 120V Signal Signal Only		
Meter Service Pedestal – 120V Signal with 2-circuit 24 Signal & Lighting	0V Lighting	
Meter Service Pedestal – 120V Signal with 2-circuit 24 Signal & Lighting	0V Lighting Dual Meter	
Meter Service Pedestal – 2-circuit 240V Lighting Lighting Only		
Meter Service Pedestal – 4-circuit 480V Lighting Lighting Only		
Signed:	Title	Date:

# Missouri Department of Transportation District Map



County	1 10.	D150
Adair		
Andrew	2	NW
Atchison	3	NW
Audrian	4	NE
Barry	5	SW
Barton		
Bates	7	SW
Benton		
Bollinger	9	SE
Boone		
Buchanan	11	NW
Butler	12	SE
Caldwell	13	NW
Callaway	14	C
Camden	15	C
Cape Girardeau	16	SE
Carroll		
Carter	18	SE
Cass		
Cedar	20	SW

t.	County	No. Dist.	County No. Dist.	County No. Dist.	County No. Dist.
Е	Chariton	21NW	Harrison41NW	Macon 61 NE	Phelps81C
W	Christian	22 SW	Henry42SW	Madison 62 SE	Pike82NE
W	Clark	23NE	Hickory43 SW	Maries 63 C	Platte83KC
Е	Clay	24KC	Holt44NW	Marion 64 NE	Polk84SW
V	Clinton	25 NW	Howard45 C	Mercer 65 NW	Pulaski85C
V	Cole	26C	Howell 46 SE	Miller 66 C	Putnam86NW
V	Cooper	27C	Iron47SE	Mississippi 67 SE	Ralls87NE
V	Crawford	28C	Jackson 48 KC	Moniteau 68 C	Randolph88NE
3	Dade	29SW	Jasper49SW	Monroe 69 NE	Ray89KC
	Dallas	30 SW	Jefferson 50 SL	Montgomery 70 NE	Reynolds90SE
W	Daviess	31NW	Johnson 51 KC	Morgan71 C	Ripley91SE
3	Dekalb	32NW	Knox 52NE	New Madrid 72 SE	St. Charles92SL
W	Dent	33C	Laclede 53 C	Newton	St. Clair93SW
	Douglas	34SE	Lafayette54KC	Nodaway 74 NW	St. Francois94SE
	Dunklin	35SE	Lawrence 55 SW	Oregon 75 SE	Ste. Genevieve95SE
3	Franklin	36 SL	Lewis56NE	Osage 76 C	St. Louis96SL
W	Gasconade	37C	Lincoln 57 NE	Ozark 77 SE	Saline97KC
3	Gentry	38NW	Linn 58 NW	Pemiscot 78 SE	Schuyler98NE
$\mathbb{C}$	Greene	39SW	Livingston 59 NW	Perry 79 SE	Scotland99NE
N	Grundy	40NW	McDonald 60 SW	Pettis 80 KC	Scott100SE

No. Dist.
. 41 NW
. 42 SW
. 43 SW
. 44 NW
. 45 C
. 46 SE
. 47 SE
. 48 KC
. 49 SW
. 50 SL
. 51 KC
. 52 NE
. 53 C
. 54 KC
. 55 SW
. 56 NE
. 57 NE
. 58NW
. 59 NW

Macon	. 61 NE	Phelp
Madison	62 SE	Pike
Maries	. 63 C	Platte
Marion	. 64 NE	Polk
Mercer	65 NW	Pulasl
Miller	. 66 C	Putna
Mississippi	67 SE	Ralls.
Moniteau	. 68 C	Rando
Monroe	. 69 NE	Ray
Montgomery	70 NE	Reyno
Morgan	. 71 C	Ripley
New Madrid	. 72 SE	St. Ch
Newton	73 SW	St. Cl
Nodaway	74 NW	St. Fra
Oregon	. 75 SE	Ste. G
Osage	76 C	St. Lo
Ozark	. 77 SE	Saline
Pemiscot	. 78 SE	Schuy
Perry	79 SE	Scotla

County	Nο	Dist.
Phelps		
Pike		
Platte		
Polk		
Pulaski		
Putnam		
Ralls		
Randolph		
Ray	89 .	KC
Reynolds	90 .	SE
Ripley		
St. Charles		
St. Clair	93 .	SW
St. Francois	94 .	SE
Ste. Genevieve	95 .	SE
St. Louis	96 .	SL
Saline	97 .	KC
Schuyler		
Scotland		
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County	No.	Dist.
Shannon	101	SE
Shelby	102	NE
Stoddard	.103	SE
Stone	104	SW
Sullivan		
Taney	106	SW
Texas		
/ernon	.108	SW
Warren	109	NE
Washington		
Wayne		
Webster		
Worth	113	NW
Vright		
St. Louis City		
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