



Bid Request 3-051109  
Bid Opening November 9, 2005

October 21, 2005

To: Equipment Dealers/Manufacturers

Dear Sir or Madam:

The Missouri Department of Transportation wishes to offer to bid an Electronic Total Station Upgrade contract. Bids are to be mailed to General Services-Fleet, P.O. Box 270, Jefferson City, MO 65102 and will be opened on November 9, 2005 at 2:00 pm. in Room I-44 at 1320 Creek Trail, Jefferson City, Mo. Please note our Terms and Conditions enclosed that now contains all "boiler plate" information and special notes.

If you have any questions about this bid, please feel free to contact me at 573-526-2529, or by email at [warren.blanchard@modot.mo.gov](mailto:warren.blanchard@modot.mo.gov).

Sincerely,

Warren Blanchard  
General Services Specialist



## **BID SHEETS**

Missouri Department of Transportation  
General Services Division  
Jefferson City, Missouri

### **GENERAL INTRODUCTION**

The Missouri Department of Transportation (hereinafter referred to as MoDOT) desires to establish a contract for the purchase of reflectorless electronic total station equipment and upgrades for existing electronic total stationing equipment owned and operated by the Missouri State Highway Patrol. It is the intention of MoDOT to purchase at least two (2) of these packages. Additional packages may be purchased in the future. MoDOT is also interested in assisting other state agencies, counties, cities, special road districts, etc. in purchasing equipment, various materials and supplies that meet MoDOT specifications. Therefore, a co-operative purchasing agreement is attached to this specification.

This contract will be in affect from the date of award through September 1, 2006. Two (2) one-year extensions are available upon mutual consideration by Missouri Department of Transportation and each vendor. Allowance for inflation increases will be considered at the time the extensions come due

Bids shall list each manufacturer and model number for each item included in the bid. The bidder shall submit descriptive literature and specifications showing exact equipment to be furnished. Any product purchased shall conform to these specifications.

***BID AWARD CRITERIA*** The item(s) will be based on all items and awarded to the bidder using the "lowest and best" principles.

All bid documents shall be signed and returned with the bid submittal. Any questions concerning specifications should be directed to Warren Blanchard at (573) 526-2529.



## **GENERAL REQUIREMENTS**

The contractor shall assume responsibility for all equipment furnished and any subcontracted items. The contractor shall assure and demonstrate to the satisfaction of MoDOT that the equipment furnished is in compliance with these plans and specifications, and is operational and compatible with existing MoDOT equipment.

All equipment and services shall be provided to the sole satisfaction of MoDOT. All items appearing as standard features in the manufacturer's published literature and specifications are understood to be included in the bidder's proposal. The Missouri Department of Transportation reserves the right to waive technicalities and to reject any or all bids.

## **GENERAL SPECIFICATIONS**

### **Brand and Compatability**

The Missouri State Highway Patrol has approved the Sokkia brand. All electronic and software components shall be Sokkia to ensure compatability of equipment and all accessories with existing equipment. No other brand shall be considered.

### **Trade-Ins**

The bid shall include separate prices for purchase of items with and without trade-in. If applicable, the contractor shall be responsible for contacting the Missouri State Highway Patrol to make pick-up arrangements for the trade-in items.

### **Parts**

The equipment must be fully operational as delivered and ready for operation. Any parts necessary for operation, which are not specifically mentioned herein, shall be furnished as standard equipment by the contractor at no additional cost.

### **Support**

The contractor must provide the agency with a toll free number for technical support at no additional cost to the State of Missouri. Technical support from the contractor shall be provided as necessary to the state agency.

### **Additional Training**

Follow up training to the minimum training class of forty (40) hours shall be provided on-site at a later date if necessary for up to twelve (12) individuals at no charge to the State of Missouri. The State of Missouri will call the contractor for times or scheduling of follow-up classes. Transportation and lodging for students, if needed, shall be provided by the State of Missouri.



### **Warranty**

The Electronic Total Station shall be warranted against defects in material and workmanship for a period of not less than twenty-four (24) months. The contractor shall register the Electronic Total Station at time of delivery.

The Data Collector shall be warranted against all defects in material and workmanship for a period of not less than (12) months. The contractor shall supply the Data Collector's warranty at the time of delivery.

## **TECHNICAL SPECIFICATIONS**

### **General Requirements Regarding Specifications**

The equipment provided shall be the most current model in production as offered by the manufacturer, and shall be of quality and workmanship using materials and accepted standards of the industry. All equipment shall be new.

### **Reflectorless Electronic Total Station (Same for Line Item 001 and/or 002)**

The Reflectorless Electronic Total Station shall be Sokkia Set5 Series30R3 to ensure compatibility with existing equipment and accessories.

The following minimum accessories shall be included as standard for each reflectorless electronic total station unit:

- a) Two (2) Li-Ion Rechargeable Batteries
- b) One (1) Quick Charger (70 minutes)
- c) One (1) Tubular Compass CP7
- d) One (1) Operator's Manual
- e) One (1) Carrying Case
- f) One (1) Shoulder Strap
- g) One (1) Vinyl Cover
- h) One (1) Plumb Bob
- i) One (1) Sunshade
- j) One (1) Lens Cap
- k) One (1) Tool Kit
- l) One (1) Tri-Max Tripod

The Reflectorless Electronic Total Station shall also include the following upgrades in the bid pricing:

- a) Wireless keyboard option upgrade
- b) Guide Light Unit



**Data Collector (Same for Line Item 003 and/or 004)**

The Data Collector model shall be a 400 MHz Tracker Data Collector with back light cables and brackets included.

The following minimum accessories shall be included as standard for each data collector unit:

- a) One (1) Cloth Case for Data Collector
- b) One (1) ProLink Comms CD
- c) One (1) Reference Manual
- d) One (1) Download Cable
- e) One (1) Tutorial Manual
- f) Two (2) 9V Alkaline Batteries
- g) Two (2) Lithium Batteries

**Mapping Software (Line 005)**

The Mapping Software model should be Sokkia SDRmap Kit version 6.5 contouring and profiles or greater.

The following minimum accessories shall be included as standard for each mapping software unit.

- a) Complete with Contouring and Profiles
- b) Hardware Locks and Manuals
- c) Sixteen (16) Quick Release Prism Poles Composite (each 8')

**Miscellaneous Equipment (Line 006)**

The following equipment shall be provided and bid in this line item unless they have already been included with other Bid Line Items 001 through 005.

- a) One (1) Twelve Foot Composite Prism Pole with case
- b) One (1) Standard 62mm Daytime Prism with case
- c) One (1) LEA Strobe Prism with case
- d) One (1) Temporary Evidence Marker Kit with one hundred count markers
- e) One (1) Fluorescent Orange Prism Pole Tripod



**Training Classes (Line Item 007)**

The instructor shall have prior law enforcement experience to include over ten (10) years experiences, with six (6) years experience in forensic mapping, and shall have testified in federal, state and/or local courts regarding the forensic mapping concept.

The instructor must be ACTAR certified and shall have experience in training federal, state and/or local law enforcement officers on a regional basis for forensic mapping concepts.

A minimum of forty (40) hour training course shall be provided by the contractor to train the state agency on all equipment, software and accessories.

On-site training shall be provided for up to twelve (12) individuals. The training facility shall be furnished by the state agency. The instructor shall include a training binder with materials necessary for forensic mapping for each trainee.



**All prices must include completed delivery to any of the below listed delivery destinations.**

Missouri Department of Transportation  
District 1 Garage  
3602 N. Belt Highway  
St. Joseph, Missouri 64502  
General Services Manager, **Mike Prussman**  
816-387-2446

Missouri Department of Transportation  
District 6 Garage  
2309 Barrett Station Rd.  
Ballwin, Missouri 63021  
General Services Manager, **Robert Zahner**  
314-301-1422

Missouri Department of Transportation  
Missouri Department of Transportation  
District 2 Garage  
902 N. Missouri St.  
Macon, Missouri 63552  
General Services Manager, **Jeanne Jarrett**  
660-385-8240

Missouri Department of Transportation  
District 7 Garage  
3901 East 32<sup>nd</sup> Street  
Joplin, Missouri 64804  
General Services Manager, **John Sinclair**  
417-629-3220

Missouri Department of Transportation  
District 3 Garage  
Highway 61 South  
Hannibal, Missouri 63401  
General Services Manager, **Kurt Groenda**  
573-248-2590

Missouri Department of Transportation  
District 8 Garage  
3025 E. Kearney  
Springfield, Missouri 65804  
General Services Manager, **Brad Leonard**  
417-895-7700

Missouri Department of Transportation  
District 4 Garage  
2050 N.E. Independence.  
Lee Summit Missouri 64064  
General Services Manager, **Darren Potter**  
816-622-0053

Missouri Department of Transportation  
District 9 Garage  
U.S. Rt. 63 N.  
Willow Springs, Missouri 65587  
General Services Manager, **Melvin Rodgers**  
417-469-6251

Missouri Department of Transportation  
District 5 Garage  
1511 Missouri Blvd  
Jefferson City, Missouri 65101  
General Services Manager, **Coleen Welter**  
573-751-3660

Missouri Department of Transportation  
District 10 Garage  
201 N. Main  
Sikeston, Missouri 63801  
General Services Manager, **Ronald Miller**  
573-472-5215

Missouri Department of Transportation  
General Services Complex  
830 MoDOT Drive Jefferson City, Missouri 65101  
Mechanic Supervisor, **Terry Redel**  
573-751-8752



**Pricing Sheet**

**Line 001 – Reflectorless Electronic Total Station Unit WITHOUT Trade-In**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount* \_\_\_\_\_

**Line 002 – Reflectorless Electronic Total Station Unit WITH Trade-In**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount* \_\_\_\_\_



**Line 003 - Data Collector WITHOUT Trade-In**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount \_\_\_\_\_*

**Line 004 – Data Collector WITH Trade-In**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount \_\_\_\_\_*

**Line 005 – Mapping Software**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount \_\_\_\_\_*



**Line 006 – Miscellaneous Equipment**

New (MAKE & MODEL) \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Delivery will be made approximately \_\_\_\_\_ days after receipt of order.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount \_\_\_\_\_*

**Line 007 – Training Classes**

Number of Course Days \_\_\_\_\_ Class Hours per Day \_\_\_\_\_

Net Delivered Unit Price \$ \_\_\_\_\_

Class will be conducted approximately \_\_\_\_\_ days after receipt of request.

**Please submit a complete parts list with detailed pricing information for each make/model your company would be willing to provide.** Please indicate below the percent (%) discount off Manufacturers Suggested Retail Prices (MSRP) for all vehicle options available in your data book or pricing guides.

*% discount off MSRP for all Data Book or Pricing Guide Options: - % Discount \_\_\_\_\_*



NOTE: For bids to be considered, the attachment entitled "PREFERENCE IN PURCHASING PRODUCTS" must be on file in this office and must be dated in the current model year.

NOTE: The attachment entitled "MISSOURI DOMESTIC PRODUCT PROCUREMENT ACT" certificates of compliance must be completed and submitted with your bid for it to be considered responsive.

The undersigned, as bidder, understands that this project involves state funds and the bidder awarded the contract will be required to comply with Executive Order 87-6 of the Governor of the State of Missouri dated August 31, 1987. This order stipulates that there shall be no discriminatory employment practices by the contractor or his subcontractors, if any, based on race, color, religion, creed, national origin, sex or age. The undersigned contractor or his subcontractors, if any, shall give written notice of their commitments under this clause to any labor union with which they have bargaining or other agreements.

BIDS TO BE MAILED TO:  
Missouri Department of Transportation  
Attn: Warren Blanchard  
PO Box 270  
Jefferson City, Missouri 65102

FIRM \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE \_\_\_\_\_

**Clearly Mark Bids**  
**Bid Request 3-051109**

BY \_\_\_\_\_  
*(signed)*

BY \_\_\_\_\_  
*(printed)*

E-Mail Address:  
\_\_\_\_\_



**NOTICE \* \* \* \* NOTICE \* \* \* \* NOTICE**

MoDOT is interested in assisting Missouri counties, cities, special road districts, etc. in purchasing equipment that meets the Missouri Department of Transportation's specifications.

Each bidder is asked to indicate below whether they would be willing to offer equipment for sale to these local political entities at the same bid price offered to this department.

It is understood that MoDOT will not issue purchase orders, accept delivery nor make payment for equipment ordered by any of these agencies. It is further understood the price is based on the unit meeting MoDOT's 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 \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

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



**MISSOURI DOMESTIC PRODUCTS PROCUREMENT ACT**

The bidder’s attention is directed to the Missouri Domestic Products Procurement Act, Sections 34.350 to 34/359, RsMO, which requires all manufactured goods or commodities used or supplied in the performance of this contract or any subcontract to be manufactured or produced in the United States.

Section 34.355, RsMO, requires the vendor or contractor to certify his compliance with Section 34.353 and, if applicable, Section 34.359, RsMO, at the time of bidding **and** prior to payment. Failure to comply with Section 34.353, RsMO, during the performance of the contract **and** to provide certification of compliance prior to payment will result in nonpayment for those goods or commodities.

Section 34.353.2, RsMO, specifies that it does not apply where the total contract is less than Twenty-Five Thousand Dollars (\$25,000.00). If your total bid is Twenty-Five Thousand Dollars (\$25,000.00) or more, you **must** complete this form as directed below.

**Failure to complete and return this document with this bid will cause the State to presume the manufactured goods or products listed in the bid are not manufactured or produced in the United States, and the bid will be evaluated on that basis. Please read the certification appearing below on this form.**

If all the goods or products specified in the attached bid which the bidder proposes to supply to the State shall be manufactured or produced in the “United States” as defined in Section 34.350, RsMO, check the box at left.

If only one item of any particular goods or products specified in the attached bid is manufactured or produced in the “United States” as defined in Section 34.350, RsMO, check the box at left and list the items (or item number) here:

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If any or all of the goods or products specified in the attached bid which the bidder proposes to supply to the State are **not** manufactured or produced in the “United States” as defined in Section 34.350, RsMO, then: (a) check the box at left; (b) list below, by item (or item number), the country other than the United States where each good or product is manufactured or produced; and (c) check the boxes to the left of the paragraphs below if applicable and list the corresponding items (or item numbers) in the spaces provided.

Item (or item number)	Location Where Item Manufactured or Produced

(attach an additional sheet if necessary)



[ ] The following specified goods or products cannot be manufactured or produced in the United States in sufficient quantities or in time to meet the contract specifications. Items (or item numbers):

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[ ] The following specified goods or products must be treated as manufactured or produced in the United States, in accordance with an existing treaty, law, agreement, or regulation of the United States, including a treaty between the United States and any foreign country regarding export-import restrictions or international trade. Items (or item numbers):

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#### CERTIFICATION

**By submitting this document, completed as directed above, with a bid, the bidder certifies under penalty of making false declaration (Section 575.060, RsMO) that the information contained in this document is true, correct and complete, and may be relied upon by the State in determining the bidders qualifications under and in compliance with the Missouri Domestic Products Procurement Act.**

**The bidder's failure to complete and return this document with the bid as directed above will cause the State to presume the manufactured goods or products listed in the bid are not manufactured or produced in the United States, and the bid will be evaluated on that basis pursuant to Section 34.353.3(2), RsMO.**