



PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2008-09

STATEWIDE PLANNING TRAFFIC DATA COLLECTION

COUNTY	Statewide
PROJECT DESCRIPTION	<p>Collect traffic data used to develop estimates of the amount of person or vehicular travel, vehicle usage or vehicle characteristics associated with a system of highways or with a particular location on a highway</p> <ul style="list-style-type: none"> • Performing up to 4500 counts statewide per year. • Approximately 2/3 volume counts and 1/3 classification counts. <p>Other installation, repair, and maintenance upon request and Miscellaneous counts will be negotiated by item as listed on the pay</p>
PROJECT MANAGER	Ted Noe, P.E.
USER DIVISION	Division of Planning
APPROXIMATE FEE	<ul style="list-style-type: none"> • \$1,200,000 upset limit • Pay Items as listed on the attached sheets will be the only method of payment for services provided by the Consultant. Rates will be negotiated after the Consultant Selection. • Projects to be assigned by letters of agreement. • One consultant to be selected. • 2-year contract term.
PURPOSE AND NEED	<p>Collect traffic data information to support planning, traffic operations, design, modeling and air quality needs, and federal reporting by the Cabinet</p>
DBE REQUIREMENT	None
PROJECT FUNDING	Federal and State Funds

SCOPE OF WORK

One consultant will be selected to provide Traffic Data Collection, Sensor Installation and Traffic Control services for the duration of the contract. The data shall be collected as per the current editions of the "AASHTO Guidelines for Traffic Data Programs," FHWA "Traffic Monitoring Guide (TMG)," and the Manual on Uniform Traffic Control Devices (MUTCD). This will include short-term volume and classification machine counts, manual volume and classification counts, manual turning counts, and may also include installation, repair and maintenance of permanent loop sites and Automatic Traffic Recorders. All classification counts are to be collected using FHWA Scheme "F" 13 plus 2 bins. Major holidays, school holidays and in-session events must be monitored so as not to count at those times. All short-term counts will be at least 48 hours in duration except for manual counts which can be a maximum of 12 hours in duration. Speeds will be collected in 13 bins (or KYTC-defined during classification counts).

SPECIAL INSTRUCTIONS

- The Consultant shall furnish all portable traffic counters which use road tubes, loops and peizos. The traffic counters shall be capable of collecting data in fifteen minute and sixty minute intervals, uploading the count data to a computer and then transferring files via email. The consultant is responsible for all testing, certification, repair and maintenance of the equipment and must show proof of certification of all counters prior to beginning the counts assigned. The consultant will also be responsible for all necessary labor and equipment to complete the count assignments, manual counts, loop and piezo placements, or ATR repairs and maintenance (Loop wire plus sealant and piezoelectric sensors plus grout materials will be provided by the Department for temporary and permanent installations).
- Equipment must be capable of collecting directional and non-directional volume data according to the Traffic Monitoring Guide (TMG) standards. Data collected must be reported in the PEEK format produced by PEEK brand of automated data recorders, model ADR 1000.
- Data is to be provided by KYTC in the following formats:
 - ◊ Peek's Daily, Monthly, and Index formats
 - ◊ ADR binary file (if Peek ADR Traffic Data Recorders are used)
- Handheld/portable GPS units furnished by the consultant are required to locate portable count locations by latitude/longitude.
- The Division of Planning's validation program will be furnished to the selected consultant for Quality Assurance and Quality Control. This program must be used for every count before forwarding to KYTC.
- Completed count cards and data files to be mailed and emailed to respective KYTC personnel.
- Fees will be categorized as listed in the Pay Items attached table.
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[Click here for Traffic Data Rate Table for contract.doc](#)

SPECIAL INSTRUCTIONS CONTINUED

The contract period is a two (2) year contract with an upset limit of \$1,200,000. Once the upset limit is reached or the two year term has expired, services will be re-advertised and no additional work assignments will be made under the contract. Contracts will not be modified to increase upset limit or extended for time to assign new work.

TRAFFIC	The Consultant will be responsible for all necessary traffic control
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MAPPING	Traffic count location maps will accompany all count assignments. The consultant will also be given exact locations for loops and piezo installations and any drawings, specs, and notes necessary to complete the work as well as a list of all ATR locations.
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PREQUALIFICATION REQUIREMENTS

<u>TRANSPORTATION PLANNING</u>	<ul style="list-style-type: none"> • Traffic Data Collection
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PROJECT SCHEDULE & MILESTONES

RESPONSE DATE	June 4, 2008 4:30 p.m. (Frankfort Time)
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SELECTION COMMITTEE MEETING	June 18, 2008
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CONTRACT SCOPING MEETING	June 25, 2008
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NOTICE TO PROCEED	August 1, 2008
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COMPLETION OF SERVICES	July 30, 2010
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Individual project schedules will be by letter agreement on a project by project basis.

The selected consultant is expected to meet the scheduled milestone dates.

EVALUATION FACTORS

1. Demonstrated experience of consultant personnel with traffic data collection for KYTC and/or for federal, local or other state governmental agencies. (20 points)
2. Capacity and available equipment to comply with correct data format and count schedule. (20 points)
3. Past record of performance on project of similar type and complexity. Consultant must list relevant references, names, and phone numbers. (20 points)
4. Project approach and proposed procedures to accomplish the services. (20 points)
5. Consultant's Kentucky office where work is to be performed. (2 points)

75%-100% of work accomplished in Kentucky offices (2 points)

26%-74% of work accomplished in Kentucky offices (1 point)

0%-25% of work accomplished in Kentucky offices (0 points)

SELECTION COMMITTEE MEMBERS

1. Ted Noe, P.E., User Division
2. David Hamilton, P.E., User Division
3. Todd Morrison, Secretary's Pool
4. Jeff Jasper, Secretary's Pool
5. Ed Dyer, Governor's Pool