



Oklahoma Department of Transportation

Project Management Division

Room C9 Third Floor

Office 522-7601 Fax 522-7612

DATE: February 20th, 2004

TO: Consulting Engineering Companies

FROM: Tim Gatz, Project Management Division

SUBJECT: Solicitation for Specialized Bridge Related Services

At this time, the Department is soliciting the services of consulting engineering companies to assist in the collection, analysis and evaluation of bridge specific data. These services require qualifications, expertise, experience and/or equipment that is of a highly specialized nature. Please find attached a comprehensive list of projects and descriptions for which the Department is seeking the noted services.

In general, your responses to this Solicitation of Interest will be accepted through a single letter identifying the specific projects you are interested in being considered for. Your letter will simply reference the Engineering Contract Number (EC No.) noted in the attached project list and include any information you believe appropriate for the Department's use in determining your capabilities and qualifications to perform the type of work encompassed by that particular contract. Also, we will continue to ask you to provide eight copies of your letter of interest including your CAP 255 form. The CAP 254/255 form and process is still applicable for the time being.

Please remember that this is a SOLICITATION OF INTEREST and not an Request for Proposal. As such, you are only requested to provide information related to your qualifications to perform the work described. Any additional information you choose to provide related to proposed solutions for the solicited projects or any other prepared Contract/Project specific media is NOT required and is unnecessary for the Department's processes. Proposals will be requested upon entering the interview phase of the Consultant Selection Process.

The deadline for the submittal of your responses will be 4:30 p.m. Wednesday, March 3rd, 2004. The Department anticipates the selection process to be complete and the contracts negotiated and approved by the Transportation Commission as soon as possible and not later than June 30th of 2004.

As always, your assistance, cooperation and patience is greatly appreciated. Please do not hesitate to make us aware of any questions, comments or concerns that you may have as we implement the new solicitation format and the new communication systems.

xc: Director
Chief Engineer
AD - Preconstruction
AD - Operations
Field Division Engineers

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| Contract No. | EC 904, 905 | Services Description: FRACTURE CRITICAL BRIDGE INSPECTIONS |
| ODOT Division | Bridge | Ground and/or Snooper Inspection of approximately 54 (see attached list) fracture critical bridges on the State Highway System. The selected consultant(s) will be responsible for providing all necessary equipment to complete the bridge inspections. This may include, but is not limited to a snooper or polecat truck along with a two or three person inspection team. Oversight of the inspection team must be performed by a Professional Engineer (P.E.) knowledgeable about bridge structures. Preference will be given to firms with a P.E. who will act as the team leader, but as an alternative, the inspection team may include a qualified non-P.E. team leader as prescribed by the NBIS. Additionally, the team leader must have completed NHI Course No. 13055 - Safety Inspection of In-Service Bridges and NHI Course No. 13078 - Fracture Critical Inspection Techniques for Steel Bridges. |
| County | Statewide | |
| State Job Piece No. | TBD | |
| Federal Aid Proj. No. | TBD | |
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| Contract No. | EC 906 | Services Description: VERTICAL CLEARANCE DATA COLLECTION UTILIZING LASER-BASED HIGH DEFINITION SURVEY TECHNOLOGY |
| ODOT Division | Bridge | Obtain vertical (primary) and horizontal (secondary) bridge clearance data for approximately 1,000 highway bridges utilizing laser survey technology. The bridges are primarily located in urban areas or on interstate routes where traffic control would normally be required to obtain this information. Laser based high definition surveying will allow the comprehensive survey of the targeted bridges including the collection of all significant points for both vertical and horizontal clearance with visual reference. Survey data will be collected for the structural components and the traffic barriers in a manner that is accessible from GIS and truck routing programs and that can be utilized for future bridge maintenance or digital visualization. Additional considerations include traditional surveying capabilities and software development capabilities to enable the transfer of information to populate any database including PONTIS. |
| County | Statewide | |
| State Job Piece No. | TBD | |
| Federal Aid Proj. No. | TBD | |
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| Contract No. | EC 907 | Services Description: DEVELOPMENT, TESTING AND DELIVERY OF AN IMPORT UTILITY TO IMPORT BAR 7 BRIDGE RATING DATA FILES INTO VIRTIS. |
| ODOT Division | Bridge | Provide import capability for PennDOT BAR 7 data files as related to steel multi-girder and reinforced concrete slab and tee beam members. The Bridge Division will use this utility to import data into the BRIDGEware database for use by Virtis to perform bridge ratings using the BRASS analysis engine. The services may include but are not limited to software design, framework and user interface development, the creation of a Help utility, the programming of the import utility, the establishment of installation process protocol(s) and contact with AASHTO, project management, and ALPHA and BETA/Acceptance testing. |
| County | Statewide | |
| State Job Piece No. | TBD | |
| Federal Aid Proj. No. | TBD | |
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