



## OKLAHOMA DEPARTMENT OF TRANSPORTATION

Project Management Division

200 N.E. 21<sup>st</sup> Street

Oklahoma City, OK 73105-3204

Division Phone: (405) 522-7601

Division FAX: (405) 522-7612

---

**DATE:** May 14<sup>th</sup>, 2004

**TO:** Consulting Engineering Companies

**FROM:** Tim Gatz, Project Management Division

**SUBJECT: Solicitation for Environmental, Design and Specialized Bridge Related Services**

At this time, the Department is soliciting the services of consulting engineering companies to provide planning / environmental clearance (NEPA), survey, geotechnical, and design services for critical projects to assist in the preparation and delivery of the 8 Year Construction Work Plan.

In addition, this solicitation includes specialized bridge services contracts for hydraulic studies and for overload permit studies. 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.

Your response **for each Engineering Contract that you are interested in being considered for** will include the submission of one (1) unbound original and four (4) copies of a packet containing the following:

1. A Letter of Interest referencing the Engineering Contract Number (EC No.).
2. A Table of Organization depicting the proposed project team.
3. A statement of your qualifications including the CAP 255 Form.
4. Any additional 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.

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. Friday, May 28<sup>th</sup>, 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 September 1<sup>st</sup>, of 2004. As these contracts are anticipated to be financed with Federal Fiscal Year 2005 funding, the Notice to Proceed is expected in October 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 or to offer suggestions for process improvement.

<b>Contract No.</b>	EC 912	<b>Services Description: Overload Permit Studies / Route Analysis</b>
<b>ODOT Division</b>	Bridge	<p>The successful Consulting Engineering Firm will be required to perform analysis on proposed routes for overweight loads on the state system of bridges.</p> <p>Permit studies are required for vehicles exceeding the legal loads with axle weights or spacings which are not consistent with the OL-1 standard overweight permit trucks. These permit loads must be non-divisible loads. The trucking company will provide all required information on axle spacing, axle weights, gross weight, vehicle height, width and length. The trucking company will give a point of origin for the permit load, the proposed route, and the final destination.</p> <p>The Consultant will be required to coordinate with the Department of Public Safety to insure that the proposed route is satisfactory for vertical clearances and construction zones. Using rating factors and software provided by the Department and other software, the Consulting Engineer will be required to check the bridges to determine if it is safe for the truck to use the requested route. The Consulting Engineer may need to purchase some rating software.</p> <p>Approximately 1,000 permit studies per year are anticipated. Studies are expected to be performed on the day of request and a maximum of three (3) days may be allowed in certain instances. Records will be maintained in a database and periodically provided to the Department.</p> <p>These studies must be performed under the supervision of a Professional Engineer knowledgeable of structural analysis and bridge inspection. More than one qualified engineer available for the team due to the time critical nature of the permit study preparation. The Team Leader must be a P.E.. The utilization of an Engineering Intern to meet this requirement is acceptable.</p>
<b>County</b>	Statewide	
<b>State Job Piece No.</b>	TBD	
<b>Federal Aid Proj. No.</b>	TBD	
<b>Contract No.</b>	EC 913	<b>Services Description: Hydraulic Analysis</b>
<b>ODOT Division</b>	Bridge	<p>The successful Consulting Engineering Firm will provide hydraulics / hydrology analysis and reports at selected locations statewide. This information will be utilized in determining bridge size, scour depth, and pier locations. It is anticipated that this solicitation will result in between (2) and six (6) services contracts with separate firms.</p>
<b>County</b>	Statewide	
<b>State Job Piece No.</b>	TBD	
<b>Federal Aid Proj. No.</b>	TBD	

5/14/04	CONSULTANT CONTRACT SOLICITATION OF INTEREST LIST Environmental Clearance / Preliminary Engineering Services		Page 2
<b>Contract No.</b>	EC 914	<b>Services Description: Environmental Clearance</b>	
<b>ODOT Division</b>	1	Environmental Clearance on SH-51 from Talequah to Stillwell. The services may include but are not limited to the investigations and compilation of information as necessary to support and/or perform alignment analysis / studies, feasibility studies, the production of project exhibits, public involvement, and the production of draft and final environmental document(s) to facilitate subsequent transportation improvements in this corridor.	
<b>County</b>	Cherokee		
<b>State Job Piece No.</b>	TBD		
<b>Federal Aid Proj. No.</b>	TBD		
<b>Contract No.</b>	EC 915	<b>Services Description: Preliminary Engineering (Bridge &amp; Approach)</b>	
<b>ODOT Division</b>	1	Bridge and approach roadway replacement including the realignment, reconstruction and widening of SH-72 to four lanes in Coweta from just west of the railroad bridge, the replacement of the Union Pacific Railroad bridge and a bridge over an Unnamed Creek and extending east to the SH-51 Junction (Bridge NBI Nos. 03747 and 03529). <i>This project includes a major rail component and will require extensive background and experience with the design of such facilities.</i>  Environmental Clearance and ground and/or aerial surveys will be provided by the Department. The anticipated services will include geotechnical and hydraulic investigations, roadway, roadway bridge and railroad bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).	
<b>County</b>	Wagoner		
<b>State Job Piece No.</b>	20914(04)		
<b>Federal Aid Proj. No.</b>	BRFY-0173B(083)		
<b>Prelim. Const. Est.</b>	\$4,100,000.00		
<b>Contract No.</b>	EC 916	<b>Services Description: Preliminary Engineering (Bridge &amp; Approach)</b>	
<b>ODOT Division</b>	2	Bridge and approach roadway replacement project on SH-3 west of Farris at the bridge over the Muddy Boggy Creek (NBI No. 04078) including limited realignment and reconstruction.  Environmental Clearance and ground and/or aerial surveys will be provided by the Department. The anticipated services will include geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).	
<b>County</b>	Atoka		
<b>State Job Piece No.</b>	10209(04)		
<b>Federal Aid Proj. No.</b>	BRFY-017N(018)		
<b>Prelim. Const. Est.</b>	\$4,776,400.00		
<b>Contract No.</b>	EC 917	<b>Services Description: Preliminary Engineering (Resurfacing / Interchange Improvement - Roadway Design Plans Only)</b>	
<b>ODOT Division</b>	4	Resurfacing on Interstate 35 from Mile Marker 172.7 to 179.5. The complete improvement includes the replacement of the Interstate 35 bridges over SH-51 (NBI Nos. 14454 NB and 14453 SB) and some anticipated reconfiguration of the I-35 / SH51 Interchange. <i>The Department will be responsible for preparing plans for the bridge replacement. The contract will be for roadway plans only.</i>  Environmental Clearance, ground and/or aerial survey, geotechnical information, and bridge preliminary and final design will be provided by the Department. The anticipated services will include coordination with Bridge Division, roadway preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).	
<b>County</b>	Payne		
<b>State Job Piece No.</b>	20245(04), 20876(04)		
<b>Federal Aid Proj. No.</b>	IMY-0035- 4(194)172, BRIY- 0035-4(202)174		
<b>Prelim. Const. Est.</b>	\$6,000,000.00 (rdy)		

5/14/04	CONSULTANT CONTRACT SOLICITATION OF INTEREST LIST Environmental Clearance / Preliminary Engineering Services		Page 3
<b>Contract No.</b>	EC 918	<b>Services Description: Preliminary Engineering (Bridge &amp; Approach)</b>	
<b>ODOT Division</b>	6	<p>Bridge and approach roadway replacement on US-283 at the bridge over Spring Creek (NBI No.10556) approximately 2.0 miles north of the US 270 Junction. The complete improvement will include the removal, replacement of one and extension of another roadway sized reinforced concrete box culverts (RCBs).</p> <p>Environmental Clearance will be provided by the Department. The anticipated services will include ground and/or aerial survey, geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>	
<b>County</b>	Harper		
<b>State Job Piece No.</b>	20944(04)		
<b>Federal Aid Proj. No.</b>	BRFY-130B(063)		
<b>Prelim. Const. Est.</b>	\$2,000,000.00		
<b>Contract No.</b>	EC 919	<b>Services Description: Preliminary Engineering (Bridge &amp; Approach)</b>	
<b>ODOT Division</b>	7	<p>Bridges and approach roadway replacement on SH-19 between Apache and Cyril including three bridges (NBI Nos. 04038, 04049, 04031).</p> <p>Environmental Clearance and ground and/or aerial survey will be provided by the Department. The anticipated services will include geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>	
<b>County</b>	Caddo		
<b>State Job Piece No.</b>	TBD		
<b>Federal Aid Proj. No.</b>	TBD		
<b>Prelim. Const. Est.</b>	\$5,039,000.00		
<b>Contract No.</b>	EC 920	<b>Services Description: Preliminary Engineering (Bridge &amp; Approach)</b>	
<b>ODOT Division</b>	7	<p>Bridge and approach roadway replacement on US-62 / US-281 north of Apache including two bridges and two reinforced concrete box culverts (RCBs) (NBI Nos. 03213, 02641, 02866, 03166).</p> <p>Environmental Clearance will be provided by the Department. The anticipated services will include ground and/or aerial survey, geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>	
<b>County</b>	Caddo		
<b>State Job Piece No.</b>	TBD		
<b>Federal Aid Proj. No.</b>	TBD		
<b>Prelim. Const. Est.</b>	\$4,045,000.00		
<b>Contract No.</b>	EC 921	<b>Services Description: Preliminary Engineering (Grade, Drain, Surf.)</b>	
<b>ODOT Division</b>	7	<p>Widening and resurfacing project on US-277 from Elgin extending north to the Caddo County Line to establish a 12' driving lane width and add shoulders. The project may include limited realignment and some bridge / rcb work.</p> <p>Environmental Clearance, geotechnical information and ground and aerial survey will be provided by the Department. The anticipated services will include roadway preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>	
<b>County</b>	Comanche		
<b>State Job Piece No.</b>	20235(04)		
<b>Federal Aid Proj. No.</b>	STPY-116C(081)		
<b>Prelim. Const. Est.</b>	\$3,278,100.00		

<b>Contract No.</b>	EC 922	<b>Services Description: Preliminary Engineering</b> (Grade, Drain, Surf.)
<b>ODOT Division</b>	7	<p>Widening and resurfacing project on US-177 from the Carter County Line extending north 5.0 Miles to establish 12' driving lane width and add shoulders. The project will include limited realignment and the extension of two RCBs and three roadway sized drainage structures.</p> <p>Environmental Clearance and ground and/or aerial survey will be provided by the Department. The anticipated services will include geotechnical, roadway preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>
<b>County</b>	Murray	
<b>State Job Piece No.</b>	20262(04)	
<b>Federal Aid Proj. No.</b>	STPY-150B(042)	
<b>Prelim. Const. Est.</b>	\$2,500,000.00	
<b>Contract No.</b>	EC 923	<b>Services Description: Preliminary Engineering</b> (Bridge & Approach)
<b>ODOT Division</b>	8	<p>Bridge and approach roadway replacement project on US-60 at Bull Creek (NBI No. 04024) in Vinita including realignment, reconstruction and widening to 4 lanes from just east of the SH-2 Junction extending east 0.60 miles including the improvement of the 7<sup>th</sup> Street intersection .</p> <p>Ground and/or aerial survey will be provided by the Department. The anticipated services will include the preparation of the Environmental Clearance Document, geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>
<b>County</b>	Craig	
<b>State Job Piece No.</b>	16229(04)	
<b>Federal Aid Proj. No.</b>	BRFY-018N(009)	
<b>Prelim. Const. Est.</b>	\$2,600,000.00	
<b>Contract No.</b>	EC 924	<b>Services Description: Preliminary Engineering</b> (Bridge & Approach)
<b>ODOT Division</b>	8	<p>Bridge and approach roadway replacement project on SH-127 (Zena Highway) at Drowning Creek (NBI No.00653) approximately 5.0 miles northwest of the US-59 Junction in Jay including realignment, reconstruction and widening to establish a 12' driving lane width and add shoulders.</p> <p>Environmental Clearance will be provided by the Department. The anticipated services will include ground and/or aerial survey, geotechnical and hydraulic investigations, roadway and bridge preliminary and final design, traffic engineering and construction traffic control and will culminate in the submittal of Plans, Specifications and Estimates (PS&amp;E).</p>
<b>County</b>	Delaware	
<b>State Job Piece No.</b>	08933(04)	
<b>Federal Aid Proj. No.</b>	BRFY-021C(212)	
<b>Prelim. Const. Est.</b>	\$900,000.00	