



OKLAHOMA DEPARTMENT OF TRANSPORTATION
Project Management Division
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DATE: **August 26, 2005**

TO: Consulting Engineering Companies

FROM: Tim Gatz, Project Management Division

SUBJECT: Solicitation for Design, Geotechnical Investigations and Data Collection

At this time, the Department is soliciting the services of consulting engineering companies to provide design and engineering services for projects identified by the ODOT within limits of the State of Oklahoma to assist in the preparation and delivery of the 8 Year Construction Work Plan. These services include Preliminary Engineering as well as Geotechnical Services, Vehicle Classification Data Collection and Project Reconnaissance Data Collection.

These services require qualifications, expertise, experience and/or equipment that are of a highly specialized nature. Please find attached a comprehensive list of projects and descriptions for which the Department is seeking the noted services.

**** NEW SOLICITATION OF INTEREST RESPONSE SUBMITTAL FORMAT ****

In a continuing effort to economize our response process, the Department is activating a solicitation of interest response mechanism intended to reduce the reproduction requirements on work of a similar scope and/or specific to ODOT Field Divisions that will be reviewed by a common selection committee. This mechanism will allow the opportunity to indicate interest in multiple Engineering Contracts with a single response packet comprised of one (1) unbound original and five (5) copies.

In order to facilitate this mechanism, specific project information such as the Letter of Interest, the proposed Table of Organization of the project team, and additional information must be reproduced in the response packet and included for each Engineering Contract of interest. However, information that is common to each Engineering Contract, such as the statement of qualifications, need only be included once in each copy.

Therefore, your response **for the Engineering Contracts that you are interested in being considered for** will include a total of one (1) response packet (one (1) unbound original and five (5) copies) per common selection committee as described on the following pages:

RESPONSE PACKET 1

One (1) separate packet for the Geotechnical Services Contract including the following:

- A Letter of Interest referencing “Geotechnical Services Contract”
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 2

One (1) separate packet for EC No. 1031 – Vehicle Classification Data Collection Contract including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1031)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 3

One (1) separate packet for the Project Reconnaissance Data Collection Contract including the following:

- A Letter of Interest referencing “Project Reconnaissance Data Collection Contract”
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 4

One (1) combined packet for EC No. 1032 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1032)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 5

One (1) combined packet for EC No. 1033, 1034 & 1035 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1033, 1034 & 1035)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 6

One (1) combined packet for EC No. 1036 & 1037 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1036 & 1037)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 7

One (1) combined packet for EC No. 1038 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1038)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 8

One (1) combined packet for EC No. 1039 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1039)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 9

One (1) combined packet for EC No. 1040 & 1041 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1040 & 1041)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

RESPONSE PACKET 10

One (1) combined packet for EC No. 1042 including the following:

- A Letter of Interest referencing the Engineering Contract Number (EC No. 1042)
- A Table of Organization depicting the proposed project team
- 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.
- A statement of your qualifications (CAP 255 Form preferred)

If you do not believe that this format will serve your purposes or if your Statement of Qualifications is not common to all EC(s), the alternative is to submit separate packets for each Engineering Contract as accepted by the Department in the past.

**** END OF NEW INFO ****

Please remember that this is a SOLICITATION OF INTEREST and not a 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. September 23, 2005. 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 December 2005. As these contracts are anticipated to be financed with Federal Fiscal Year 2006 funding, the Notice to Proceed is expected no later than January 2006.

As always, your assistance, cooperation and patience are 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.

RESPONSE PACKET 1		
Contract No. (EC No. TBD)		
Services Description: Geotechnical Services ** MULTIPLE CONTRACTS ARE ANTICIPATED **		
ODOT Division	Materials	The successful Consulting Firm(s) will be responsible for providing geotechnical services in support of ODOT staff for design of transportation structures at locations throughout the state. All services will be rendered with reference to applicable AASHTO and ASTM specifications, also required by the Specifications for the Geotechnical Investigation of Bridges and Related Structures and as required by Specifications for the Geotechnical Investigation for Design of Pavement Structures.
County	Statewide	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

RESPONSE PACKET 2		
Contract No. (EC No. 1031)		
Services Description: Vehicle Classification Data Collection		
ODOT Division	Multiple	The successful Consulting Firm will be responsible for providing vehicle classification data at Oklahoma's high volume highway locations, statewide. The Contractor will provide all labor, material, equipment, traffic control plus advance signs, and technical expertise required to collect, record, and report the required traffic data. The Contractor shall provide vehicle classification data in the current FHWA scheme "F" categories on disk and by paper report. The disk format shall be compatible with PEEK 261 software with all headers files completed. Report format is Column = type and Row = lane. The paper report printout shall show the hourly volume by lane by direction of each vehicle classification category plus unclassified vehicles with hourly and daily totals (starting at Midnight: Monday, Tuesday or Wednesday). The Department has the option of specifying 15 minute or 60 minute interval length. Data gathering cycles will be continuous 48 hours for all lanes simultaneously. The Department has the option of requesting that 168 hours (one week) of continuous data be monitored and reported. This one week of continuous data will cost double the amount of 48 hour continuous data reporting.
County	Statewide	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

RESPONSE PACKET 3

Contract No. (EC No. TBD)

Services Description: Project Reconnaissance Data Collection

**** MULTIPLE CONTRACTS ARE ANTICIPATED ****

ODOT Division	Project Management	The successful Consulting Firms will be responsible for providing preliminary project data to assist the Agency in accelerating pre-construction activities for projects in the 8 Year Construction Work Plan to ensure the expenditure of all available Federal funds each fiscal year. It is anticipated each of the successful Firms will be assigned to one of the eight ODOT Field Divisions.
County	Statewide	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

Project Reconnaissance Data Collection List

1. Aerials/Maps
 - a. County Maps
 - b. USGS Map
 - c. Aerials/Satellite Imagery
 - d. Visidata Video Log Files
2. Cultural Resources
 - a. Historic Properties/Structures
 - b. Archeological Sites
 - c. Cemeteries
3. Hazardous Waste/Lust Sites
4. Biological Resources
 - a. Wetlands
 - b. Endangered Species
5. Section 4(f) - resources, parks, recreational areas, wildlife refuges
6. As Built Plans, Title, Typicals, P&P's and General Plan & Elevations
7. Property owners (Names, Addresses & Phone Numbers)
 - a. Indian ownerships
 - b. Tribal ownerships
 - c. Billboard ownerships
 - d. County Assessors list
 - e. Potential business and residential relocations
 - f. Replacement housing availability
 - g. Replacement business locations
8. Bridge Info
 - a. S I & A (Structure Inventory & Appraisal) form
 - b. Affected drainage areas
 - c. Flood Control Information (NRCS)
 - d. Existing overtopping information from County Maintenance Superintendent.
 - e. Bridge Health Index
9. Traffic Data
 - a. Truck Traffic
 - b. Design Hour Volume (DHV)
 - c. Design Traffic Data (30 Year) Design Volume
10. Accident Data
11. Pavement Condition

12. Functional Classification
13. NHS
14. STRAHNET
15. Railroad Impacts
 - a. Crossings
 - b. Ownerships
 - c. Contact person(s)
 - d. Line Characteristics
16. Potential Detour Routes
17. Information for 4-Lane/5-Lane Justification Policy
18. Information for the Parallel Lane Policy
19. Current Zoning & Code Issues
20. Utility identifications; owner names, addresses & phone numbers. (Permit Search)
21. Potential for Asbestos abatement needs
22. Alternative Agency Impacts
 - a. WMA (Wildlife Management Area)
 - b. USACE (United States Army Corp of Engineers)
 - c. USFWS (United States Fish & Wildlife Service)
 - d. NRCS (Natural Resource Conservation Service)
 - e. DEQ (Department of Environmental Quality)
 - f. CLO (Commissioners of the Land Office)
 - g. Bureau of Reclamation
23. Metropolitan Planning Organizations
 - a. ACOG (Association of Central Oklahoma Governments)
 - b. INCOG (Indian Nation Council of Governments)
 - c. LMAPC (Lawton Metropolitan Area Planning Commission)
 - d. Substate Planning District
 - e. Ft Smith
24. Airports
25. Military Facilities
26. Oklahoma Turnpike Authority
27. Existing City/County Agreements
28. Existing Information on the Project Initiation Report to be filled out.

RESPONSE PACKET 4

Contract No. (EC No. 1032)

Services Description: Preliminary Engineering
(Bridge & Approaches)

ODOT Division	2	Bridge and approach roadway replacement project of US-70 over the Union Pacific Railroad on the east side of Durant (NBI No. 09537).
County	Bryan	
State Job Piece No.	TBD	Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
Federal Aid Proj. No.	TBD	

RESPONSE PACKET 5

Contract No. (EC No. 1033)

Services Description: Preliminary Engineering
(Grade, Drain and Surface)

ODOT Division	3	Grading and surfacing project on US-75 at intersection of a city street on north side of Wetumka including railroad crossing. Environmental reassessment and pavement design will be provided by the Department. The anticipated services will include, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Hughes	
State Job Piece No.	20973(04)	
Federal Aid Proj. No.	STPY-132B(071)	

Contract No. (EC No. 1034) – Includes 2 Construction Projects

Services Description: Preliminary Engineering
(Grade, Drain and Surface)

ODOT Division	3	Grading and surfacing project on US-75 from just north of I-40 extending south 7.3 miles to Seminole Avenue in Weleetka. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Okfuskee	
State Job Piece No.	12972(04)	
Federal Aid Proj. No.	STPY-54B(154)	

Services Description: Preliminary Engineering
(Grade, Drain and Surface)

ODOT Division	3	Grading and surfacing project on US-75 west through Weleetka and then south to the Hughes county Line. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Okfuskee	
State Job Piece No.	12973(04)	
Federal Aid Proj. No.	STPY-54B(155)	

Contract No. (EC No. 1035)

Services Description: Preliminary Engineering
(Grade, Drain & Surface)

ODOT Division	3	Grading and surfacing project on Kickapoo Street south 1.2 miles to the US-270 Business junction in Shawnee. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Pottawatomie	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

RESPONSE PACKET 6**Contract No. (EC No. 1036)****Services Description: Preliminary Engineering**
(Grade, Draining, Bridge and Surface)

ODOT Division	4	Grading and surfacing project on US-64 from I-35 extending east 7 miles. Environmental clearance and pavement design will be provided by the Department. The anticipated services will include ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Noble	
State Job Piece No.	20311(04)	
Federal Aid Proj. No.	NHY-19N(077)	

Contract No. (EC No.1037)**Services Description: Preliminary Engineering**
(Grade, Drain and Surface)

ODOT Division	4	Grading and surfacing project on SH-33 from the Cimarron River extending east 10.54 miles to the US-177 North junction. Environmental reassessment, ground and/or aerial survey and pavement design will be provided by the Department. The anticipated services will include hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Payne	
State Job Piece No.	06351(08)	
Federal Aid Proj. No.	STP-160B(019)	

RESPONSE PACKET 7**Contract No. (EC No. 1038)****Services Description: Preliminary Engineering**
(Grade, Draining, Bridge and Surface)

ODOT Division	5	Grading and surfacing project on US-281/US-270 from 1 mile south of SH-33 junction in Watonga extending south 4.25 miles. The work involves adding parallel lanes, extending two existing bridge RCBs (NBI No. 02629 & 25754) and the construction of three new parallel span bridges over the North Canadian River, North Canadian River Overflow and Relay Creek (parallel to existing bridges: NBI No. 18134, 18138 & 25552). Environmental reassessment, ground and/or aerial survey and pavement design will be provided by the Department. The anticipated services will include hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Blaine	
State Job Piece No.	20237(04)	
Federal Aid Proj. No.	NHY-10N(027)	

RESPONSE PACKET 8

Contract No. (EC No. 1039) – Includes 3 Construction Projects

Services Description: Preliminary Engineering
(Bridge & Approaches)

ODOT Division	7	Bridge and approach roadway replacement project of I-44 over Medicine Bluff Creek (NBI No. 14464 & 14465). Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Comanche	
State Job Piece No.	20999(04)	
Federal Aid Proj. No.	BHIY-44-1(069)043	

Services Description: Preliminary Engineering
(Grade, Drain and Surface)

ODOT Division	7	Grading and surfacing project on I-44 beginning 1.3 miles north of SH-7 junction extending north 4.4 miles to Medicine Bluff Creek. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Comanche	
State Job Piece No.	20313(04)	
Federal Aid Proj. No.	IMY-44-1(071)042	

Services Description: Preliminary Engineering
(Interchange)

ODOT Division	7	Interchange reconstruction at I-44/Fort Sill Key Gate north of Lawton. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Comanche	
State Job Piece No.	18922(04)	
Federal Aid Proj. No.	IM-44-1(055)041	

RESPONSE PACKET 9

Contract No. (EC No. 1040) – Includes 3 Construction Projects

Services Description: Operational Analysis

ODOT Division	8	US-75 from Green Country Road north to Frank Phillips Boulevard in Bartlesville. The anticipated services will include environmental clearance, ground and/or aerial survey, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E) for an operational improvement (interim solution). Also included will be the ultimate solution that includes a detailed geometric study that will culminate in the recommendation of an improved geometric configuration that includes the existing Level of Service (LOS) and the LOS for the proposed geometric configuration with existing and future traffic data.
County	Washington	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

Services Description: Preliminary Engineering
(Intersection Modification & Traffic Signals)

ODOT Division	8	Intersection of US-75 and Price Road in Bartlesville. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Washington	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

Services Description: Preliminary Engineering
(Intersection Modification & Traffic Signals)

ODOT Division	8	Intersection of US-75 and Nowata Road in Bartlesville. Pavement design will be provided by the Department. The anticipated services will include environmental clearance, ground and/or aerial survey, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Washington	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

Contract No. (EC No. 1041)		
Services Description: Operational Analysis		
ODOT Division	8	I-244 through the northwest quadrant of the Interdispersal Loop (IDL) in Tulsa. The anticipated services will include a detailed geometric study and will culminate in the recommendation of an improved geometric configuration that includes the existing Level of Service (LOS) and the LOS for the proposed geometrical configuration with existing and future traffic data.
County	Tulsa	
State Job Piece No.	TBD	
Federal Aid Proj. No.	TBD	

RESPONSE PACKET 10		
Contract No. (EC No. 1042)		
Services Description: Preliminary Engineering (Bridge & Approaches)		
ODOT Division	8	Bridge and approach roadway replacement project of SH-10 over Elk River (NBI No. 10569). Environmental clearance and pavement design will be provided by the Department. The anticipated services will include ground and/or aerial survey, hydraulic analysis, geotechnical information, preliminary and final design, traffic engineering and traffic construction control and will culminate in the submittal of Plans, Specifications and Estimates (PS&E).
County	Delaware	
State Job Piece No.	10441(04)	
Federal Aid Proj. No.	BRFY-21C(256)	