



PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2010-07 JEFFERSON / I-265

COUNTY	Jefferson
ROUTE	I-265
DISTRICT	5-Jefferson
ITEM NO	5-731.00
PROJECT DESCRIPTION	Geotechnical exploration required for tunnel construction.
PROJECT MANAGER	Gary Valentine, PE
USER DIVISION	State Highway Engineer's Office and Division of Structural Design
APPROXIMATE FEE	\$3,000,000.00 - Directional Coring & Conventional Drilling/Coring
PROJECT FUNDING	Federal Funds
PROJECT LENGTH	0.5 miles
PURPOSE AND NEED	Provide the geotechnical exploration necessary for the design of the twin bore tunnels proposed for the extension of the Gene Snyder Freeway under US 42 and Drumanard Estate.
DBE REQUIREMENT	None
AVAILABLE STUDIES	<ol style="list-style-type: none"> 1. <u>Geotechnical Engineering Report R-029-2008</u> 2. <u>Geotechnical Data Report Exploratory Tunnel prepared by Hatch Mott MacDonald. (212 MB zip file).</u>
METHOD OF DESIGN	The Selected Consultant shall utilize the CADD Standards for Highway Plans (version 2.04) policy in the development of the Highway Plans.

SCOPE OF WORK

The Selected Consultant will be expected to provide the geotechnical exploration for two (2) bores and for the connector between the bores under US 42 and Drumanard Estate utilizing directional coring and conventional vertical drilling techniques. Each of the main bores will be approximately one-half mile in length. The Consultant will use televiewer recorders and borehole survey technology to evaluate areas for geotechnical testing of the cores and possibly in-situ testing. Upon completion of the investigation, core samples are to be transported to the KYTC Geotechnical Branch Facility in Frankfort. The Consultant will be expected to coordinate with staff from the Louisville Southern Indiana Ohio River Bridges Project and the section design team; including the firm currently providing the design of the tunnel to assure adequate information for that design is provided. Identify any sub-consultants expected to be used in the response to this bulletin. Generally, all sub-consultants must be prequalified in the applicable categories. However, prequalification may not be required for some sub-consultants performing highly specialized services. The use of any and all sub-consultants is subject to the approval of the Department and the prime geotechnical consultant will be responsible for their sub-consultants' work. Reporting of all work will generally conform to KYTC Geotechnical Branch standards as outlined in the current KYTC Geotechnical Manual.

SPECIAL INSTRUCTIONS

All applicable reporting of results will be in gINT format.

Instructions for Response to Announcement can be found at:

http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_10-10-08.pdf

ENVIRONMENTAL	Not Required
PHOTOGRAMMETRIC SERVICES	Not Required
STRUCTURE DESIGN	Not Required
GEOTECHNICAL SERVICES	Consultant will provide Geotechnical Services.
TRAFFIC	Not Required

PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team **must be** prequalified in the following areas by the date of this

The Kentucky Transportation Cabinet does not have a prequalification for Directional Drilling. The Directional Drilling Consultant can be the prime consultant for this project or may be a sub-consultant. The submittal will serve to qualify the prime for this project. List any prequalifications with other entities in directional drilling. Also include an extensive history of past projects of similar size and scope.

The Selected Consultant will be required to meet all general requirements before a contract can be executed.

The team will be required to have Consultants prequalified in the following Geotechnical Services by the date of this advertisement.

GEOTECHNICAL SERVICES

- Geotechnical Laboratory Testing Services
- Geotechnical Engineering Services
- Geotechnical Drilling Services

PROJECT SCHEDULE & MILESTONES

The Selected Consultant is expected to meet the scheduled milestone dates.

RESPONSE DATE	Wednesday, February 17, 2010 4:30 p.m. E.S.T. (Frankfort time)
SELECTION COMMITTEE MEETING	March 17, 2010
PRE-DESIGN CONFERENCE	March 24, 2010
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	April 21, 2010
CONTRACT NEGOTIATIONS	May 19, 2010
NOTICE TO PROCEED	June 1, 2010
INVESTIGATION PLAN	July 1, 2010 — 1 month after NTP
PRELIMINARY REPORT	May 1, 2011 — 10 month after NTP
FINAL REPORT	July 1, 2011— 13 month after NTP

EVALUATION FACTORS

1. Relative experience of Consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local, or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)
For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

SELECTION COMMITTEE MEMBERS

1. Bart Asher, PE, User Division
2. Andy Barber, PE, User Division
3. David Quarles, PE, Secretary's Pool
4. Vicki Boldrick, PE, Secretary's Pool
5. David Atwell, PE, PLS, Governor's Pool