

AGENDA ITEM 16

Consider approving Work Authorization No. 8 with Kohutek Engineering for CR 175.

Mike Weaver addressed the Court.

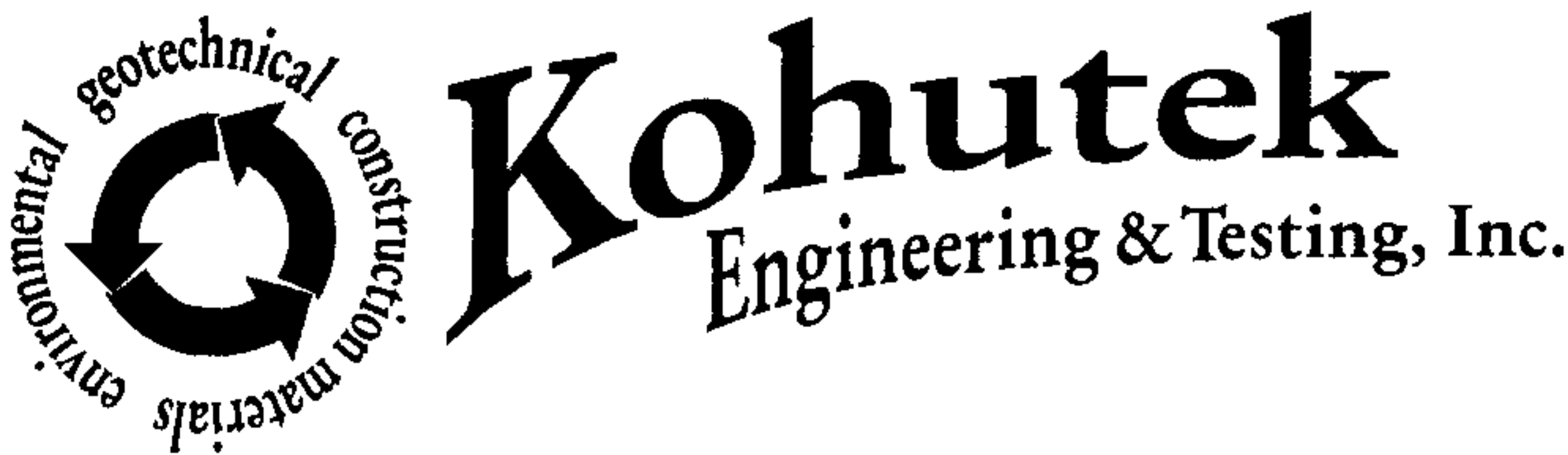
Moved: **Judge Doerfler**

Seconded: **Commissioner Hays**

Motion: To approve Work Authorization No. 8 with Kohutek Engineering for CR 175, in the amount of \$6203.25.

Vote: 4 – 0. **Commissioner Boatright** was absent from the dais.

< Attachment >



CONSULTING ENGINEERS

December 26, 2003

Williamson County
Honorable John Doerfler, County Judge
c/o Haynie Consulting, Inc.
1010 Provident
Round Rock, Texas 78664

Re: Geotechnical Engineering Services
Reconstruction of County Road 175
Williamson County, Texas
Proposal No.: 23P119

Dear Judge Doerfler:

We are in receipt of a request from Haynie Consulting, Inc. for a proposal in regards to providing geotechnical engineering services for the above referenced project. It is our understanding that no other engineering firms are being considered for completing these services. With this understanding, **Kohutek Engineering & Testing, Inc. (KETI)** is pleased to submit our proposal for completing this investigation. The proposed scope of services is as follows:

General. According to the information that was transmitted to KETI from Mr. Tim Haynie, P.E. of the engineering firm of Haynie Consulting, Inc., the enclosed scope of work has been prepared, see Exhibits A, B and D. For development of this proposal, it is assumed that the project is to consist of approximately 15,000 lf of reconstruction of an existing county road. Thus, the question of expansive soils and its behavior as a subgrade beneath a pavement will be an issue in developing the pavement thickness design. For developing a pavement thickness, the Williamson County's design procedure will be utilized. During performance of our scope of services, it is our understanding that there will be no improvements to any bridges or other drainages structures that would require addressing in the final geotechnical report.

It is proposed that these engineering services be authorized as "Work Authorization No. 8" under our base agreement as authorized by you on January 30, 2001.

Proposal No. 23P119
December 26, 2003
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We appreciate the opportunity to be of service and look forward to proceeding as soon as authorized. If this proposal meets your approval, please have the appropriate party sign the enclosed Work Authorization No. 8 and return an original signature copy to our offices. Thank you.

Sincerely,

Kohutek Engineering & Testing, Inc.



Gordon L. Kohutek, P.E.
President

Encl.: Attachment A. Work Authorization No. 1
Exhibit A – Services to be Provided by County
Exhibit B – Services to be Provided by Engineer
Exhibit C – Work Schedule
Exhibit D – Fee Schedule

ATTACHMENT A**WORK AUTHORIZATION NO. 8**

This Work Authorization is made pursuant to the terms and conditions of the Agreement entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (*the "County"*) and Kohutek Engineering & Testing, Inc. (*the "Engineer"*).

Part 1. The *Engineer* will provide the following engineering services:

Geotechnical and construction materials testing for the design of roadway improvements for County Road 175.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$6,203.25.

Part 3. Payment to the *Engineer* for the services established under this Work Authorization shall be made in accordance with the Agreement.

Part 4. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate sixty (60) days from the written Notice to Proceed, unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

ATTACHMENT A (con't.)

Part 6. This Work Authorization is hereby accepted and acknowledged below.

ENGINEER:

Kohutek Engineering & Testing, Inc.

By: *[Signature]*

Signature

GORDON L. KOHUTEK, PE

Printed Name

President

Title

12-26-2003

Date

COUNTY:

Williamson County, Texas

By: *[Signature]*

Signature

John C. Doertler

Printed Name

County Judge

Title

1-13-04

Date

LIST OF EXHIBITS

Exhibit A - Services to be Provided by County

Exhibit B - Services to be Provided by Engineer

Exhibit C - Work Schedule

Exhibit D - Fee Schedule

Exhibit A**Services to be Provided by County**

The County will provide the following services and information:

1. All available plans, maps, studies, reports, field notes, statistics, computations and other data in its possession relative to existing facilities within the project limits. This includes average daily traffic and 20 year projection of traffic to be used in the design.
2. All available plans, studies, and reports in its possession relative to planned improvements to the roadway within the project limits.
3. Right-of-Entry on private property for geotechnical investigations.

Exhibit B**Services to be Provided by Engineer**

The Engineer will provide the following services:

1. Drill 32 exploratory test borings to a depth of 6 feet along the alignment of the new pavement construction along County Road 175. These borings will be spaced at intervals recommended by the Engineer. If rock is encountered during drilling, boring may be terminated at a depth less than six feet.
2. Subsurface sampling (continuously from depths of 0 – 5 feet, and at 5-foot intervals at greater depths). A split spoon test will be completed at a depth of 3 feet.
3. Coordination with all underground utilities through the "One-Call" locator services.
4. Obtain necessary permits and traffic control required for geotechnical investigations.
5. Laboratory testing services on all soil and rock samples obtained from the field investigations: SEE Exhibit D.
6. Prepare a formal Geotechnical and Pavement Design Report, which will include a plan of boring locations, boring logs, and test results. Elements of the report will include:
 - a) Summary of existing site and subsurface conditions
 - b) Discussion of subsurface conditions at the boring locations
 - c) Pavement section thickness design recommendations
 - d) Subgrade preparation and earthwork embankment recommendations

Exhibit C

Work Schedule

Services described in Exhibit B will be completed within 60 days of the written Notice to Proceed.

Exhibit D - Fee Schedule

PROJECT: Reconstruction of County Road 175
Williamson County, Texas

PROPOSAL NO: 23P119

DATE: December 26, 2003

Description	Estimated Quantity	Units	Unit Price	Total
A. Field Investigation				
1. Utility Coordination, 2 trips to site, glk	4	hrs	\$80.00	\$320.00
2. Mobilization/demobilization, 1.0 hrs + 25 miles	1	ea	\$187.50	\$213.25
3. 32 borings @ 6 lf each	192	lf	\$10.00	\$1,920.00
4. SPT, 3-foot	32	ea	\$15.00	\$480.00
B. Laboratory Investigation				
1. Atterberg limits	15	ea	\$50.00	\$750.00
2. Moisture contents of samples	40	ea	\$5.00	\$200.00
3. Visual Classification of samples	32	ea	\$7.50	\$240.00
C. Analysis, Conclusions, Recommendations and Report				
1. Principal Engineer	18	hrs	\$80.00	\$1,440.00
2. Technologist I	8	hrs	\$45.00	\$360.00
3. Administrative staff	8	hrs	\$35.00	\$280.00
TOTAL ESTIMATED TESTING				\$6,203.25