

AGENDA ITEM 17

Consider approving Work Authorization No. 9 with Kohutek Engineering for Chandler Road, Phase 2.

Mike Weaver addressed the Court.

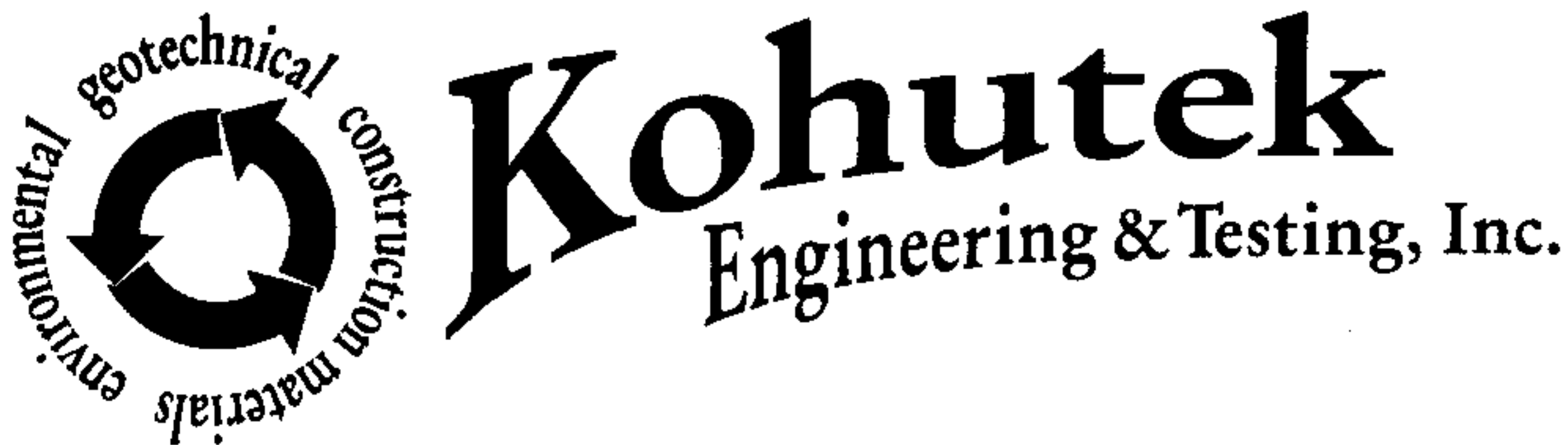
Moved: **Judge Doerfler**

Seconded: **Commissioner Hays**

Motion: To approve Work Authorization No. 9 with Kohutek Engineering for Chandler Road, Phase 2 in the amount of \$15,088.25.

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

< Attachment >



CONSULTING ENGINEERS

January 7, 2004

Williamson County
Honorable John Doerfler, County Judge
c/o Prime Strategies, Inc.
1508 South Lamar Blvd.
Austin, Texas 78704

Re: Geotechnical Engineering Services
Extension of Sections of Chandler Road, Phase 2
Williamson County, Texas
Proposal No.: 24P102

Dear Judge Doerfler:

We are in receipt of a request for 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.** 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 us from Mr. Gus Chavez, P.E. of the engineering firm of Reynolds, Smith & Hills, Inc. and from discussion with representatives of the engineering firm of HNTB, the enclosed scope of work has been prepared, see Exhibit B. For development of this proposal, it is assumed that the project is to consist of approximately 26,000 lf of extension of Chandler Road to the east of its termination at CR 110 to FM 1660. For developing a pavement thickness, the TxDOT FPS-19 computerized design program will be utilized. It is our understanding that the projected traffic data along this section of road is to be provided by Mr. Chavez. During performance of our scope of services, it is our understanding that there will be 2 drainages structures at Sta 162+00 and 384+00 that will require addressing in the final geotechnical report. It is further our understanding that right to enter the properties will be coordinated by the County.

It is proposed that these engineering services be authorized as "Work Authorization No. 9" under our base agreement as authorized by you on January 30, 2001.

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

Proposal No. 24P102
January 7, 2004
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enclosed Work Authorization No. 9 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

Cc: Commissioner Frankie Limmer, FAX 512-352-1536

Contract No. _____

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ATTACHMENT A

WORK AUTHORIZATION NO. 9

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 (*the "Engineer"*).

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

Geotechnical and construction materials testing for the design of roadway improvements for Chandler Road east from its intersection with CR 110 to FM 1660.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$15,088.25.

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.

Contract No. _____

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ATTACHMENT A (con't.)

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

ENGINEER:

Kohutek Engineering & Testing, Inc.

By: _____

Signature

GORDON L. KOHUTEK

Printed Name

President

Title

1-7-2004

Date

COUNTY:

Williamson County, Texas

By: _____

Signature

John C. Deertler

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.
2. All available plans, studies, and reports in its possession relative to planned improvements to the roadway within the project limits, to include traffic data.
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 54 exploratory test borings to a depth of 10 feet along the alignment of the new pavement construction in accordance with plans provided to us by Reynolds, Smith & Hill, Inc. 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 10 feet.
2. Subsurface sampling (continuously from depths of 3 – 5 feet, and at 5-foot intervals at greater depths).
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 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
 - e) <this item left blank>
 - f) <this item left blank>
 - g) <this item left blank>

Exhibit C

Work Schedule

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

N

Exhibit D - Fee Schedule

PROJECT: Extension of Sections of Chandler Road
Williamson County, Texas

PROPOSAL NO: 24P102

DATE: January 7, 2004

| Description | Estimated Quantity | Units | Unit Price | Total |
|--|-----------------------|-------|---------------|------------|
| A. Field Investigation | | | | |
| 1. Utility Coordination, 2 trips to site, glk | 4 | hrs | \$85.00 | \$340.00 |
| 2. Mobilization/demobilization, 1.25 hrs + 25 miles | 1 | ea | \$250.00 | \$213.25 |
| 3. 54 borings @ 10 lf each | 540 | lf | \$10.00 | \$5,400.00 |
| 4. SPT, 3-foot | 54 | ea | \$15.00 | \$810.00 |
| B. Laboratory Investigation | | | | |
| 1. Atterberg limits | 75 | ea | \$50.00 | \$3,750.00 |
| 2. Moisture contents of samples | 162 | ea | \$5.00 | \$810.00 |
| 3. Visual Classification of samples | 54 | ea | \$7.50 | \$405.00 |
| C. Analysis, Conclusions, Recommendations and Report | | | | |
| 1. Principal Engineer | 32 | hrs | \$85.00 | \$2,720.00 |
| 2. Technologist I | 8 | hrs | \$45.00 | \$360.00 |
| 3. Administrative staff | 8 | hrs | \$35.00 | \$280.00 |

TOTAL ESTIMATED TESTING \$15,088.25