

AGENDA ITEM 31

Consider approving work authorization no. 2 for HNTB Corp. For Wyoming Springs Loop project.

Mike Weaver of Prime Strategies discussed the Wyoming Springs Loop project and answered questions.

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Boatright**

Motion: To approve work authorization no. 2 for HNTB Corporation for Wyoming Springs Loop project.

Vote: 5 - 0

< Attachment >

Work Authorization No. 2

ATTACHMENT E

WORK AUTHORIZATION NO. 2

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Agreement dated January 15, 2001, hereinafter identified as the "Agreement", entered into by and between Prime Strategies, Inc. and Williamson County, Texas ("Client"), and HNTB Corporation ("Consultant").

Part 1. The Consultant will provide the following engineering services:

Initiate a preliminary route study for the projects associated with location of a new arterial between RM 620 and the IH 35/Hesters Crossing Interchange, known as the Wyoming Springs Loop for Williamson County. The responsibilities of Client, the Consultant, and the schedule are further detailed in Exhibits A, B, C, and D.

Part 2. Without modification, the maximum amount payable for services performed under this work authorization is \$25,620 and the maximum effort that the Consultant will expend in performing these services is 264 hours. A fee schedule used to establish the maximum amount payable is attached hereto as Exhibit D.

The Client and Consultant both recognize that additional effort will be required to complete the services listed in Attachment B of the Agreement. This additional effort will be addressed and executed in future Work Authorizations.

Part 3. Payment to the Consultant 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 one year from that date, unless extended by a Supplemental Work Authorization.

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

ATTACHMENT E

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

CONSULTANT:
HNTB Corporation

By: *Richard Ridings, P.E.*
Signature

Richard Ridings, P.E.
Printed Name

Vice President
Title

Date

CLIENT:
Prime Strategies, Inc.

By: *M. Weaver*
Signature

MICHAEL WEAVER
Printed Name

President
Title

03-14-2001
Date

CLIENT:
Williamson County, Texas

By: *John C. Doerfler*
Signature

Judge John C. Doerfler
Printed Name

Williamson County Judge
Title

3-20-01
Date

LIST OF EXHIBITS

Exhibit A - Services to be Provided by the Client

Exhibit B - Services to be Provided by the Consultant

Exhibit C - Work Schedule

Exhibit D - Fee Schedule

EXHIBIT A

SERVICES TO BE PROVIDED BY THE CLIENT

In addition to the services listed in the Agreement, the Client will provide the following services:

1. Furnish a Route Study Manager to coordinate all aspects of the engineering *management effort*.
2. Furnish all reference documents, information and project data for the development of the projects.
3. Provide traffic data and available schematic layouts for projects in the route study area.

EXHIBIT B

SERVICES TO BE PROVIDED BY THE CONSULTANT

The services to be performed by the CONSULTANT under this Work Authorization shall consist of providing engineering management services required to initiate production of contract documents for the projects in the Road Bond Program.

The CONSULTANT shall furnish all equipment, materials, supplies, and incidentals as required to perform the engineering work except as otherwise specified in Exhibit A, Services to be Provided by the CLIENT.

The CONSULTANT shall provide the services outlined below, using English units.

The basic scope of services to be provided by the CONSULTANT for this work authorization will be the completion of a preliminary route study for the proposed Wyoming Springs Loop Extension between RM 620 and IH 35.

PROJECT BACKGROUND

The Wyoming Springs Loop Extension Project from RM 620 to IH 35/Hesters Crossing Interchange consists of an arterial on new location that will accommodate the future traffic volumes and a proposed interchange/intersection with McNeil Road . The final products of this study are conceptual layouts of the alternatives and proposed interchange/intersection.

PRELIMINARY ROUTE STUDY

The CONSULTANT will complete the following engineering services as part of this work authorization:

A. ENGINEERING DATA COLLECTION

1. *Previously Developed Data* – Collect and review all previously developed data pertaining to the project. This will include, but not limited to, study reports; aerial photography of the proposed corridor; as-builts drawings of intersecting routes; schematic, preliminary and/or final designs for adjacent projects; and other information concerning the project and its surrounding area.
2. *Project Mapping* – Obtain and compile existing mapping of the project area. This could include existing USGS digital topographic mapping and orthophotography.
3. *Consultant Site Visit(s)* – Inspect the proposed route on the ground at project initiation, as needed.

EXHIBIT B

B. ENVIRONMENTAL DATA COLLECTION

1. *Environmental Data* – Collect existing environmental data from Williamson County's general environmental consultant and overlay with the aerial photo mosaic base prepared under previous task.

C. ALTERNATIVES ANALYSIS

1. *Design Criteria* – Determine design standards meeting FHWA and TxDOT criteria that are appropriate for the type of roadway facility needed to carry the projected traffic volumes in the corridor.
2. *Alternative Identification* – Utilizing the engineering and environmental data collected, identify alternative alignments for consideration by Williamson County. Up to three alignment alternatives for Wyoming Springs Loop will be identified and analyzed.
3. *Intersection/Interchange Layouts* – Determine crossroad intersection locations and types of access (at grade intersection or grade separated interchange). Analyze up to three alternatives for the Wyoming Springs Loop/McNeil Road interchange/intersection in detail to determine feasibility of alternatives.
4. *Preliminary Cost Estimates* – Prepare a preliminary construction cost estimate for each alternative based on a cost per mile methodology.

D. PROJECT MANAGEMENT / ADMINISTRATION

1. *Project Progress Meetings* – Meet with designated Williamson County project manager and other county representatives on a regular basis to report on progress and to ensure all components of the project are proceeding in compliance with the scope of services and according to the project schedule. Minutes of each meeting shall be prepared and circulated to attendees.
2. *Schedule* – A detailed work schedule with proposed milestones shall be furnished and updated, as required. Significant changes to the original schedule must be submitted to Williamson County for concurrence.
3. *Project Management* – The CONSULTANT shall manage all activities associated with the project. Establishment of project design parameters and channels of communication will be included in this task. The CONSULTANT shall secure resources necessary to produce the project deliverables and meet the project schedule. Other fieldwork and miscellaneous specialized subcontract work will be performed on site or at subcontractors' offices.

ADDITIONAL REQUIREMENTS

It is recognized that all documents shall be prepared in accordance with the applicable requirements of TxDOT specifications, standards, and design manuals.

Work Authorization No. 2

EXHIBIT B

It is recognized that all information and decisions associated with the work authorization will be reviewed at the regular project progress meetings and adjustments will be made as ongoing comments are received from Williamson County. The CONSULTANT expects to submit all documents for final review prior to the final submittal.

DELIVERABLES

Deliverables for this work authorization will consist of the following:

- One (1) original plot, five (5) prints and one (1) electronic copy of the conceptual layout of each alternative and proposed Wyoming Springs Loop/McNeil Road interchange/intersection.

Work Authorization No. 2

EXHIBIT C

WORK SCHEDULE

This project is expected to be delivered to Williamson County 45 days after Notice to Proceed is given to the Engineer. The date of final submittal is dependent upon prompt review of interim submittals by the County.

Wyoming County Road Board Program Wyoming Springs Loop Extension Study										ATTACHMENT D HMB FEE SCHEDULE		Work Authorization No. 2	
TASK DESCRIPTION	SD SHT	NEW SHT	PROJ MGR	DSP MGR	ENGR / PLNRM	ENGR / PLNRM	ENGR / PLNRM	ENGR / PLNRM	ENGR / CAUD	ENGR / CAUD	ENGR / CAUD	ENGR / CAUD	TOTAL

JOB TOTALS

SUBTOTAL PRELIMINARY ROUTE STUDY	-	-	24	-	72	-	-	-	64	8	8	8	264
JOB TOTALS	0	0	24	-	72	-	-	-	64	8	8	8	264
BILLING RATES			\$140.00	\$140.00	\$108.00	\$108.00	\$108.00	\$108.00	\$48.00	\$48.00	\$48.00	\$48.00	\$91.20
TOTAL LABOR			\$3,360	\$3,360	\$2,592	\$2,592	\$2,592	\$2,592	\$1,152	\$1,152	\$1,152	\$1,152	\$2,208

FUNCTION CODE	Total Hour	Total Labor	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	Per Hour	TOTAL FEE
SUBTOTAL PRELIMINARY ROUTE STUDY	264	\$24,120	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$25,620
JOB TOTALS	264	\$24,120	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$25,620

ROUTE AND DESIGN STUDIES

ENGINEERING DATA COLLECTION													
PRELIMINARY DEVELOPED DATA													18
PROJECT MAPPING													20
CONSULTANT SITE VISIT													12
ENVIRONMENTAL DATA COLLECTION													12
ENVIRONMENTAL DATA													12
ALTERNATIVE ANALYSES													12
DESIGN CRITERIA													12
ALTERNATIVE IDENTIFICATION													12
INTERCONNECTION CHANGE LAYOUT													12
PRELIMINARY COST ESTIMATE													12
PROJECT MANAGEMENT / ADMINISTRATION													12
PROJECT MEETINGS													12
SCHEDULE													12
PROJECT MANAGEMENT													12
SUBTOTAL PRELIMINARY ROUTE STUDY	264	\$24,120	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$90	\$25,620

AGENDA ITEM 32

Comments from Commissioners.

Commissioner Heiligenstein advised that he would be attending a legislative hearing this afternoon regarding the role of a county in enforcing designated "no parking" areas.

Commissioner Limmer discussed the need for a flood plain policy, stating that the taxpayers should not have to pay for engineering fees for residents who want to build in the flood plain.

COMMISSIONERS' COURT RECESSED AT 11:38 A.M. ON TUESDAY, MARCH 20, 2001.

COMMISSIONERS' COURT RECONVENED AT 1:30 P.M. ON TUESDAY, MARCH 20, 2001.

AGENDA ITEM 33

Discuss and take any appropriate action on road bond programs.

The following individuals addressed the court:

Dan Wegmiller of First Southwest Company

< Attachment >