

AGENDA ITEM 16

Discuss and consider amending the Professional Services Agreement with HDR to increase the contract ceiling.

Moved: **Commissioner Limmer**

Seconded: **Judge Doerfler**

Motion: To approve amendment of the Professional Services Agreement with HDR Engineering to increase the contract ceiling to \$500,000.

Vote: 3 - 0

< Attachment >

Contract No. Wooden Bridges - HDR

1 of 4 Pages

Checklist

Prior to Initiation of Work

- ☐ Signed and Executed Agreement
- ☐ Scope of Services – Appendix A
 - ☐ Exhibit A – Services to be provided by County
 - ☐ Exhibit B – Services to be provided by Engineer
 - ☐ Exhibit C – Work Schedule
 - ☐ Exhibit D – Fee Schedule
- ☐ Production Schedule – Exhibit IV
- ☐ Hourly Rates of Engineer – Exhibit II
- ☐ Work Authorization - Attachment A to Exhibit I
 - ☐ Supplemental Work Authorization for Additional Work (if applicable)
- ☐ Data to be provided to Engineer by County
 - ☐ Plans
 - ☐ Maps
 - ☐ Studies
 - ☐ Reports
 - ☐ Field Notes
 - ☐ Statistics
 - ☐ Computations
 - ☐ Other: _____
- ☐ Contractors Qualification Statement – Appendix B
- ☐ Insurance
 - ☐ Worker's Compensation
 - ☐ Commercial General Liability Insurance
 - ☐ Automobile Liability Insurance
 - ☐ Professional Liability Errors and Omissions Insurance
 - ☐ Self Insurance Documentation
 - ☐ Insurance Certificates for Subcontractors and/or Sub-consultants
 - ☐ Approval of Insurance by County

Course of Work

- ☐ Original Engineering Work Product submittal
- ☐ "Completed" Engineering Work Product
- ☐ "Accepted" Engineering Work Product
- ☐ Modifications and/or Changes for Approval of Engineering Work Product
- ☐ "Approved" Engineering Work Product
- ☐ Revisions to Work Product
- ☐ Seal of Endorsement on all Engineering Work Product
- ☐ Data necessary for applications or documentation for permits and/or grants to be provided by Engineer to County

Notices (as applicable)

- ☐ Notice of Suspension

Contract No. _____

2 of 4 Pages

- ☐ Notice of Reinstatement
- ☐ Notice of Termination
- ☐ Notice of Staffing Changes
- ☐ Written Report of Accident

Documentation for Payment

- ☐ Internal Revenue Form W-9
- ☐ Invoice for Services Rendered
 - ☐ Supporting Documentation
 - ☐ Report of Completion Percentage
- ☐ Invoice for Reimbursables
 - ☐ *Proof of prior payment by Engineer of Reimbursables*

ATTACHMENT A

SUPPLEMENTAL AGREEMENT NO. 2
TO
WORK AUTHORIZATION NO. 3

This supplemental Agreement to the 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 HDR Engineering, Inc. (*the "Engineer"*).

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

Provide additional Plans, Specifications, and Estimate and Bid package information for the revised alignment of C.R. 434 as outlined in the attached supplemental Attachment B— Scope of Services.

Part 2. The maximum amount payable for services under the Work Authorization is increased by seventy seven thousand six hundred fifty dollars and no cents (\$77,650). This provides a total fee for Work Authorization No. 3 of four hundred twenty seven thousand three hundred dollars and no cents (\$427,300).

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

Part 4. This Supplemental Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on August 31, 2003, unless extended by a Supplemental Work Authorization.

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

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

ENGINEER:

HDR Engineering, Inc.

By: _____

Signature

for: James K. (Ken) Haney, P.E.
Printed Name

Executive Vice President
Title

September 16, 2002
Date

COUNTY:

Williamson County, Texas

By: _____

Signature

John C. Doerfler
Printed Name

County Judge
Title

10-2-02
Date

OK
9-26-02
P76-3.1

Contract No. _____

4 of 4 Pages

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

Contract No. _____

1 of 1 Pages

EXHIBIT A

SERVICES TO BE PROVIDED BY THE COUNTY

The COUNTY will provide to the ENGINEER the following additional information:

- Digital Aerial Mapping of project Area.

EXHIBIT B
PROJECT SCOPE FOR
SUPPLEMENTAL AGREEMENT #2
TO
WORK AUTHORIZATION #3
Services to be Provided by the Engineer (Provider)

This document outlines the scope of services that will be provided in developing the construction plans for the bridge replacement at CR 434 and relocation of CR 434 and CR 436 for TxDOT approval. Two alternative alignments will be prepared for the realignment of CR 434 and CR 436 for submittal and selection of a preferred alignment. The development of the project will concentrate on the most cost effective solution for the realignment of CR 434 and CR 436 that will minimize ROW impacts, environmental impacts and maintenance cost. The fee estimate for CR 434 is based on a stand-alone Bid Package Number 3. Plans, Specifications and Estimates will be provided at the 60%, 90% and 100% submittals. The items for each deliverable are as follows:

I. PROJECT DELIVERABLES

A. 60% deliverable

- (1) Title / Index Sheet
- (2) Typical Section Sheet
- (3) Summary Sheet
- (4) Plan and profile Sheets
- (5) Bridge Layout Sheet
- (6) Drainage Area Map Sheet
- (7) Hydraulic Computation Sheet
- (8) Detour and Traffic Handling Sheet

B. 90% deliverable

- (1) Title / Index Sheet
- (2) Typical Section Sheet
- (3) Summary Sheet
- (4) Plan and profile Sheets
- (5) Roadway Detail Sheets
- (6) Bridge Layout Sheet
- (7) Bridge detail Sheets
- (8) Drainage Area Map Sheet
- (9) Hydraulic Computation Sheet
- (10) Detour and Traffic Handling Sheet
- (11) SW3P Sheet
- (12) General Notes and Specifications
- (13) Preliminary Bid package
- (14) Engineers estimate
- (15) TxDOT Standards

C. 100% deliverable (Signed and Sealed Mylar 11x17 sheets)

- (1) Title / Index Sheet
- (2) Typical Section Sheet
- (3) Summary sheet
- (4) Plan and profile Sheets
- (5) Roadway Detail Sheets
- (6) Bridge Layout Sheet
- (7) Bridge Detail Sheets
- (8) Drainage Area Map Sheet
- (9) Hydraulic Computation Sheet
- (10) Detour and Traffic Handling Sheet
- (11) General Notes and Specifications
- (12) Bid package
- (13) Engineers estimate
- (14) TxDOT Standards

II. PROJECT MANAGEMENT AND COORDINATION

The Engineer and Contract Manager (hereinafter referred to as Contract Manager) will be responsible for directing and coordinating all activities associated with the Williamson Co. Bridge Replacement for CR 434 project. (hereinafter referred to as Project).

III. PRELIMINARY ENGINEERING

Prepare two alternative alignments for the relocation of CR 434 and CR 436 at a scale of 1"=100 feet. Identify appropriate right of way and environmental concerns based on preliminary cross-sections, develop engineer's opinion of probable construction cost and summarize findings for each alternative in the form of a technical memorandum.

IV. PREPARATION OF PLANS, SPECIFICATIONS & ESTIMATE

A. Plan sheets for County Road 434

The Engineer shall prepare a set of sheets that will be used for one complete bid package. It is understood that no more than one bid package will be prepared for this scope of work. The fee estimate includes the one set of sheets. The engineer will prepare the following sheets:

- (1) Prepare a combined Title sheet. The Title sheet will identify the location of the county road sites in the project, the index of sheets in the plan set, project type, road names and appropriate signature blocks.
- (2) Prepare general notes and specifications sheet. The TxDOT 1993 Standard Specifications for Construction of Highways, Streets and Bridges shall be the primary specification.

9-05-02

- (3) Prepare typical section sheet that will include an existing typical section and a proposed typical section. The proposed typical section shall be two twelve-foot lanes with four-foot shoulders resulting in a 32.0-foot roadway width.
- (4) Prepare roadway detail sheets to include miscellaneous roadway details and signing and striping sheets.
- (5) Prepare plan and profile sheets (1"=100 feet) based on the preferred alignment from task one above. The plan views will include the horizontal alignment, edges of pavement, bridge location information, fence and ROW lines and transition data from the existing roadway. The design speed shall be that which meets or exceeds the existing conditions of the county road unless otherwise designated by the Contract Manager.
- (6) Prepare summary of quantities sheet that will include quantities compiled from all county road locations represented in the plan set.
- (7) Prepare a Detour Plan Sheet to route traffic around the proposed construction site.
- (8) Prepare an SW3P sheet detailing temporary and permanent erosion control practices at the project. All temporary and permanent erosion control devices shall be shown and labeled on the plan and profile sheets.
- (9) Prepare existing and proposed design cross-sections on the preferred alignment at a scale of 1"=10 feet horizontal and 1" = 5' feet vertical. Cross sections shall be created at 50-foot intervals.
- (10) Locate and plot all appropriate TxDOT standards for project use.
- (11) Prepare estimate of construction cost based on TxDOT average Bid prices for the Austin District supplemented by TxDOT State wide averages and Williamson County average bid prices.
- (12) Prepare Bid package.

B. County Road 434

The Engineer's original scope will be modified to include plans prepared for TxDOT review and approval for realignment of CR 434 and CR 436 based on the sample set of plans provided by the Georgetown Area office of TxDOT. The plans will include an SW3P, Traffic control plan/ Detour plan and Scour analysis sheet. The scope will also include preparing the sheets described in the original scope to TxDOT Plan preparation standard for TxDOT review and approval.

Contract No. _____

1 of 1 Pages

EXHIBIT C**WORK SCHEDULE**

The COUNTY will provide to the ENGINEER the following additional information:

- Anticipated NTP October 14.
 - CR 390 and CR 406 Easement documents submitted October 15.
 - CR 424 documents due one week after NTP.
 - Begin Survey October 15.
 - Complete Survey November 5.
 - Complete two Alternatives November 12.
 - Meet with County to select final alternative November 14 or 15.
 - Provide County/ Program Manager 60% review plans December 15.
 - Review Comments provided to HDR January 3.
 - CR 434 Easement and ROW documents submitted for acquisition January 17.
 - Final plans submitted to TxDOT and County/ Program Manager February 14.
 - Submit mylars and bid document to County/ Program Manager 3 weeks after receiving TxDOT and County/ Program Manager final comments.
-

Scope Item No.	Williamson County Bridges Task Description	QA/QC	PM/ Sr. Eng	Design Eng	Staff Eng	EIT	Sr. Design Tech	Clerical	Total Raw Labor
Project Tasks / Labor Rates									
1	Project Management and Coordination	65.00	44.50	39.50	30.00	24.00	30.00	16.00	\$1,552
2	Preliminary Engineering	0	32	0	0	0	0	8	\$1,532
3	PS&E Development	0	8	16	0	0	16	4	\$23,588
--	Deduct for Repeat Road Design Elements	0	79	107	40	101	260	10	(\$10,350)
	Totals	0	119	123	40	101	276	22	\$16,332
Total Direct Expenses									
	Postage (regular mail)	UNITS				RATE			
	Copies /Prints (8.5X11)	0.3 lot				\$100.00			\$30
	Copies/ Prints (11X17)	240.0 Each				\$0.06			\$14
	Plots	240.0 Each				\$0.15			\$36
	MYLAR(11x17) is full size	70.0 Sq Ft				\$1.50			\$105
	Postage (express mail)	42.0 Each				\$2.25			\$95
	Telephone	4.0 Each				\$15.00			\$60
	Car Mileage/ Rental Car	0.2 Lot				\$150.00			\$30
	Computers (Engineering)	0.0 Mile				\$0.35			\$0
	Computers	138.0 Hrs.				\$10.00			\$1,380
	Direct Expense Total	339.0 Hrs.				\$15.00			\$5,085
									\$6,836

Total Direct Labor	\$16,332
Overhead 162.57%	\$26,551
Subtotal	\$42,883
Total 15% Profit	\$6,432
Total Direct Expenses	\$6,836
HDR Total	\$66,140

CR 434 Project Survey	Totals	\$16,600
CR 380, 427, 424, 408, 434, 361 ROW and Easement Documents	Totals	\$6,000

RECORDERS MEMORANDUM
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Additional Contract Total \$77,850

Task No.	Williamson County Bridges Task Description	QA/QC	PM/		Design Eng	Staff Eng	EIT	Sr. Design Tech	Clerical	Total Raw Labor
			Sr.	Eng						
	Labor Rates	65.00	44.50	39.50	30.00	24.00	30.00	16.00		
1.0	Project Management and Coordination									
	TxDOT Coordination		8					0		\$356
	Progress Reports, Invoices, & Billings		8					0	8	\$484
	Subconsultant Coordination		16					0		\$712
										\$0
										\$0
										\$0
	Project Management and Coordination	0	32	0	0	0	0	0	8	\$1,662
	Coordination									
	Direct Expenses	UNITS					RATE			
	Postage (regular mail)	0 lot					100.00			\$0
	Copies /Prints (8.5X11)	0 Each					0.06			\$0
	Copies/ Prints (11X17)	0 Each					0.15			\$0
	Plots	0 Sq Ft					1.50			\$0
	MYLAR(11x17) is full size	0 Each					2.25			\$0
	Postage (express mail)	0 Each					15.00			\$0
	Telephone	0 Lot					150.00			\$0
	Car Mileage/ Rental Car	0 Mile					0.35			\$0
	Computers (Engineering)	13 Hrs.					10.00			\$130
	Computers	0 Hrs.					15.00			\$0
	Direct Expense Total									\$130

Total Direct Labor	\$1,552
Overhead	162.57%
Subtotal	\$2,523
Total 15% Profit	\$4,075
Total Direct Expenses	\$611
HDR Total	\$130
	\$4,816

RECORDERS MEMORANDUM
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Task No.	Williamson County Bridges Task Description	QA/QC	PM/ Sr. Eng	Design Eng	Staff Eng	EIT	Sr. Design Tech	Clerical	Total Raw Labor
	Labor Rates	65.00	44.50	39.50	30.00	24.00	30.00	16.00	
2.0	Preliminary Engineering								
	CR 434 Alternate alignments								
	Preliminary Engineering		8	16	0	0	16	4	\$1,532
									\$0
									\$0
									\$0
									\$0
									\$0
									\$0
									\$0
									\$0
									\$0
									\$0
	CR 434 Alternate alignments	0	8	16	0	0	16	4	\$1,532
	Direct Expenses	UNITS					RATE		
	Postage (regular mail)	0 lot					\$100.00		\$0
	Copies /Prints (8.5X11)	0 Each					\$0.06		\$0
	Copies/ Prints (11X17)	0 Each					\$0.15		\$0
	Plots	0 Sq Ft					\$1.50		\$0
	MYLAR(11x17) is full size	0 Each					\$2.25		\$0
	Postage (express mail)	0 Each					\$15.00		\$0
	Telephone	0 Lot					\$150.00		\$0
	Car Mileage/ Rental Car	0 Mile					\$0.35		\$0
	Computers (Engineering)	10 Hrs.					\$10.00		\$100
	Computers	14 Hrs.					\$15.00		\$210
	Direct Expense Total								\$310

Total Direct Labor	\$1,532
Overhead	\$2,491
Subtotal	\$4,023
Total 15% Profit	\$603
Total Direct Expenses	\$310
HDR Total	\$4,936

RECORDERS MEMORANDUM
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Task No.	Williamson County Bridges Task Description	QA/QC	PM/ Sr. Eng	Design Eng	Staff Eng	EIT	Sr. Design Tech	Clerical		Total Raw Labor
	Labor Rates	65.00	44.50	39.50	30.00	24.00	30.00		16.00	
3.0	PS&E Development									
1	Prepare Title Sheet		0	0	0	0	0	0	0	\$0
2	Prepare General Notes and Spec. sheet		0	2	0	0	4	0	0	\$185
3	Prepare Typical Sections		0	5	8	0	8	4	8	\$979
4	Prepare Roadway Details		0	2	6	8	8	8	0	\$998
5	Prepare Plan and Profile sheets		0	15	14	0	19	32	0	\$2,637
6	Prepare Summary of Quantities		0	22	23	12	38	64	0	\$5,080
7	Prepare Detour Plan		0	6	8	0	8	16	0	\$1,255
8	Prepare SW3P sheets		0	5	0	16	8	0	0	\$895
9	Prepare existing and proposed x-sections		0	8	0	0	0	16	0	\$838
10	Locate and plot TxDOT Standards		0	3	16	4	8	8	0	\$1,318
11	Prepare Estimate of Construction		0	1	0	0	0	8	0	\$285
12	Prepare Bid Package		0	2	8	0	0	0	2	\$437
13	Prepare Superstructure Details		0	8	24	0	0	16	0	\$1,784
14	Perform Substructure Design		2	8	12	0	16	32	0	\$2,304
15	Prepare Bridge Quantities		2	16	16	0	24	48	0	\$3,480
			0	4	8	0	16	8	0	\$1,118
	PS&E Development	0	79	107	40	101	260		10	\$23,688
	Direct Expenses	UNITS					RATE			
	Postage (regular mail)	0.3 lot					100			\$30
	Copies /Prints (8.5X11)	240 Each					0.06			\$14
	Copies/ Prints (11X17)	240 Each					0.15			\$36
	Plots	70 Sq Ft					1.5			\$105
	MYLAR(11X17) is full size	42 Each					2.25			\$95
	Postage (express mail)	4 Each					15			\$60
	Telephone	0.2 Lot					150			\$30
	Car Mileage/ Rental Car	0 Mile					0.345			\$0
	Computers (Engineering)	115 Hrs.					10			\$1,150
	Computers	325 Hrs.					15			\$4,875
	Direct Expense Total									\$8,388

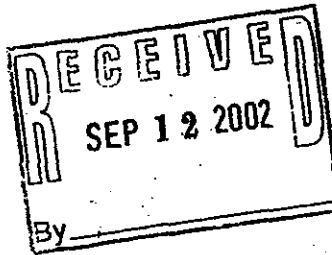
Total Direct Labor	\$23,598
Overhead	\$38,363
Subtotal	\$61,961
Total 15% Profit	\$9,294
Total Direct Expenses	\$6,365
HDR Total	\$77,650

RECORDERS MEMORANDUM
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clearly legible for satisfactory recordation.



HAYNIE CONSULTING, INC.
CIVIL ENGINEERS AND LAND SURVEYORS

Mr. George Tillett
 HDR Engineering
 2211 South IH 35, Suite 300
 Austin, Texas 78741



September 10, 2002

Fax: 912-5158

RE: Bridge Projects
RE-design of Roadway CR 436 and CR 434 at Bridge
and Temporary Construction Easements for
CR 406, CR 390, CR 427, CR 351 and CR 424

Dear George,

Per your request, we have put together budgets for the above referenced work.

1. Scope: Design surveys of approximately 3,500 l.f. of roadway for the redesign of the intersections of CR 436 and 434 and the bridge approach. Legal description for right-of-way acquisition for five (5) parcels including redo on incorrect description south of bridges and construction easements. Also approximately 3 acres of area at intersection.
2. Preparation of field notes and sketch for temporary construction easements each side at the bridges for CR 406, CR 390, CR 427, CR 351 and CR 424 for 10 legals with sketches.

Fee Schedule

- | | |
|---|----------|
| 1. Re-design of CR 436 and 434 | \$12,500 |
| 2. Legals for property takes (8 parcel) | \$ 4,000 |
| 3. Temporary construction easements for 5 bridge structures | |
| \$1000/each x 5 bridges | \$ 5,000 |

The work will be performed on an hourly basis with the above budgets as a maximum.

Should you have any questions or need additional information, please feel free to call me at 512-837-2446, extension 208.

Sincerely,

Timothy E. Haynie, P.E., R.P.L.S.
 Professional Engineer (Civil) License No. 36982
 Haynie Consulting, Inc.

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AGENDA ITEM 17

Discuss and consider hiring Prime Strategies, Inc. to assist Williamson County and Travis County in creating the Central Texas Regional Mobility Authority.

No action was taken on this agenda item.

AGENDA ITEM 18

Consider amending the Prime Strategies Inc. Regional Mobility Authority contract to provide subcontract services.

Moved: **Commissioner Hays**

Seconded: **Commissioner Limmer**

Motion: To approve amending the Prime Strategies Inc., Regional Mobility Authority contract to provide subcontract services by Brian Cassidy at the rate of \$290 per hour.

Vote: 3 - 0

< Attachment >