



**SUPPLEMENTAL WORK AUTHORIZATION NO. 5
TO
WORK AUTHORIZATION NO. 2**

**WILLIAMSON COUNTY ROAD BOND PROJECT:
CR 101**

This Supplemental Work Authorization No. 5 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated April 2, 2015 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Brown & Gay Engineers, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective July 29, 2015 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization shall be amended, changed and modified as follows:

- I. No amendments or changes to the Services to be Provided by the County that were set out in the original Attachment "A" have been made.
- II. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended to include the services described in Attachment "B".
- III. The Work Authorization shall terminate on December 31, 2017. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C".
- IV. The maximum amount payable for services under the Work Authorization is hereby increased from \$1,378,537.00 to 1,505,240.00 The Fee Schedule for the additional services is included as Attachment "D".

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

IN WITNESS WHEREOF, the County and the Engineer have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:

By: Walter E. Jaska, P.E.
Signature

Walter E. Jaska, P.E.
Printed Name

Director of Transportation Systems
Title

10/18/2017
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

OK
10/19/17

LIST OF ATTACHMENTS

- Attachment B – Supplemental Services to be Provided by the Engineer
- Attachment C – Work Schedule
- Attachment D – Supplemental Fee Estimate

ATTACHMENT B-5

SERVICES TO BE PROVIDED BY THE ENGINEER

GENERAL

The work to be performed by the ENGINEER under this work authorization shall consist of providing assistance to the ROW acquisition process and revisions to the designs and associated plans, specifications and estimate (PS&E) for the construction of CR 101 from US 79 to north of Chandler Road to incorporate:

- Coordination with GEC regarding previous channel improvements to resolve USACE review comments and achieve environmental clearance for project
- ROW Acquisition process support – develop 7 Exhibits (2 ponds, 2 economic units, 2 underdrains, 1 grading layout), earthwork calculations, cross sections, contours
- Underdrain Designs – to facilitate negotiation process
- Parcel revisions for land swap instead of acquisition
- Prepare Access Layout (Parcel 47) – in response to stakeholder request
- Additional / Revised Environmental Exhibits – in response to USACE review comments to achieve environmental clearance for project
- Revise Impact Assessment of Roadway & Grading Plans
- Revise Pre-Construction Notification (PCN)
- Revise Archeological Technical Report
- Prepare Environmental Technical Report

The ENGINEER will perform all work and prepare all deliverables in accordance with the applicable/current requirements of the Williamson County Design Criteria Manual, the TxDOT 2011 Texas Manual of Uniform Traffic Control Devices for Streets and Highways, including latest revisions, and the TxDOT 2014 Standard Specifications for Construction of Highways, Streets, and Bridges (English units).

FC 120 ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT

GENERAL

The work to be performed by the ENGINEER under this supplemental work authorization shall consist of coordinating with and addressing U.S. Army Corps of Engineers (USACE) and Texas Historical Commission (THC) review comments. These comments warranted additional design, exhibit preparation, stakeholder coordination, and revisions to the environmental documents that were not previously anticipated or included in the original Scope of Services. The work to be performed by the ENGINEER also includes the preparation of a separate Environmental Technical Report for the proposed project.

FC 120 ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT

Addressing comments from USACE regarding the proposed improvements to grading north of Bridge-Class Culvert, (implemented as a result of comments received at 60% review).

1. Revise Impact Assessment of Roadway & Grading Plans

ENGINEER will revise designs and revise associated exhibits to include modifications to proposed grading and drainage structures to address USACE review comments. Additional impact calculations will be generated for the PCN. The ENGINEER will revise the geo-referenced CAD and GIS shapefile and provide PDFs to be included in the PCN.

2. Revise PCN (USACE Form Completion w/ Attachments)
ENGINEER shall revise PCN for submittal to the USACE, Fort Worth District, Regulatory Division for confirmation of project authorization under Nationwide Permit (NWP) 14 (Linear Transportation Projects) based on USACE comments. Revisions shall address the USACE's comments related to avoidance at stream IS-3 (northern stream and wetland crossing). ENGINEER shall provide a revised Draft PCN and Final PCN for the County's review and USACE's review and approval.
3. Revise Archeological Survey Report
The ENGINEER will perform additional on-site cultural resource investigations to meet THC Antiquities Code of Texas compliance and USACE Section 106 compliance. This additional field work will be documented in the revised Archeology Survey Report. ENGINEER shall provide a revised Draft Archeological Survey Report and Final Archeological Survey Report (as an attachment to the PCN deliverable) for the County's review and USACE's and THC's review and approval.
4. Prepare Environmental Technical Report
The ENGINEER will conduct an environmental review, data analysis, and prepare a technical report in accordance with environmental due diligence requirements outlined in the latest version of the County's Design Criteria Manual. ENGINEER shall provide a Draft and Final Environmental Technical Report for the County's review and approval.
5. The ENGINEER will provide continuous coordination with subconsultants and GEC review team to assess USACE review comments; manage adjustments to design and corresponding exhibits; obtain non-participation documentation from County; oversee quality assurance and quality control to ensure completeness of PCN revisions, environmental clearance process, and compliance with COUNTY procedures.

DELIVERABLES

1. Revised Draft and Final Pre-Construction Notification, with attachments
2. Revised Draft and Final Archeological Survey Report
3. Draft and Final Environmental Technical Report

FC 150 AERIAL MAPPING AND DESIGN SURVEY

1. Prepare/revise parcel documents for acquisition process
 - a. The ENGINEER will perform sufficient property records research to obtain current ownership and deed information of affected properties.
 - b. The ENGINEER will perform revisions to certain parcel documents to accommodate land swap instead of the acquisition originally anticipated.
 - c. The ENGINEER will update the ROW electronic (dgn) file.
 - d. The ENGINEER will develop two (2) exhibits reflecting Economic Units for impacted parcels with homestead exemptions.
2. Stake proposed ROW line.
 - a. The ENGINEER will re-stake the proposed ROW line at parcels requested by property owners as a result of initial boundary monuments being destroyed or disturbed subsequent to installation (McFarland and Rohde Tracts).
3. The ENGINEER will provide continuous coordination with GEC review team to implement requests for parcel documents necessary to facilitate ROW acquisition process (economic unit and parcel swap exhibits).
4. The ENGINEER will provide coordination as necessary with subconsultant and internal survey teams to implement re-staking of ROW lines as requested.

FC 160 ROADWAY DESIGN CONTROLS

1. Revisions to roadway plans to include additional documents for ROW acquisition process:
 - Exhibits for ROW Acquisition (plan view including existing and proposed contours, existing features, existing and proposed drainage structures, design cross sections indicating proposed earthwork and resultant slope configurations, etc.)
 - Revisions to Earthwork Calculations to accommodate impacts to existing ponds and/or the provisions necessary to avoid potential impacts
 - Revisions to Proposed Contours
 - Revisions to Proposed and Interim Cross Sections

- Develop detail associated with proposed modifications to existing water gap (Cattle Guard) to ensure integrity of structure will be maintained post CR 101 construction activities. Provisions to salvage existing structure was not included in the original scope.
- a. The ENGINEER will revise Roadway and Bridge Plan and Profile sheets to incorporate proposed Cattle Guard modifications, implementation of additional underdrain systems, modifications to Culvert 4 and Bridge-Class Culvert, modifications to proposed ROW line (swap versus acquisition).
- b. The ENGINEER will revise design cross sections and associated earthwork quantities
- c. The ENGINEER will revise removal plans and miscellaneous roadway details
- d. The ENGINEER will determine a feasible alternative to provide potential access to adjacent properties west of existing CR 101 alignment just south of Chandler Road. Properties are separated from proposed CR 101 alignment.
- e. The ENGINEER will develop an Access Layout (plan and profile) to accommodate approved access configuration.

FC 161 DRAINAGE

1. Drainage plans
 - a. The ENGINEER will develop additional Underdrain Layout to accommodate requests received during acquisition process
 - b. The ENGINEER will update the Culvert Layout for Culvert 4 to accommodate the proposed underdrain systems.
 - c. The ENGINEER will update hydraulic analysis/design of revised Culvert 4 configuration and update Hydraulic Data sheets accordingly.
 - d. The ENGINEER shall make modifications to recommended channel improvements and Bridge-Class Culvert Layout to comply with ENV commitments and remain within the limitations of the NWP 14.
 - e. The ENGINEER will develop additional Culvert Layouts to safely treat existing crossroad drainage structures within limits of proposed Access Road.
 - f. The ENGINEER will design parallel drainage structure required under proposed Access Road at connection to CR 101.

FC 163 MISCELLANEOUS

1. Review and update general notes with County's updated Master List of General Notes.

FC 164 PROJECT MANAGEMENT

1. Project Management
 6. The ENGINEER will provide continuous coordination with subconsultants and GEC review team to assess USACE review comments; manage adjustments to design and

corresponding exhibits; obtain non-participation documentation from County; oversee quality assurance and quality control to ensure completeness of PCN revisions, environmental clearance process, and compliance with COUNTY procedures.

7. The ENGINEER will provide continuous coordination with GEC review team to implement requests for parcel documents necessary to facilitate ROW acquisition process (economic unit and parcel swap exhibits).

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, Inc.
 Williamson County
 PROJECT NAME: CR 101 from US 79 to Chandler Road
 WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #5

ATTACHMENT D - FEE SCHEDULE

FUNCTION CODE	WA2 SUMMARY							
	Brown & Gay		HDR		INLAND		TOTAL	
	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES
110	0	\$0.00					0	\$0.00
120	164	\$31,080.00	188	\$26,040.00			352	\$57,120.00
150	107	\$17,220.00			\$9.00	\$1,338.00	116	\$18,558.00
160	226	\$35,270.00					226	\$35,270.00
161	80	\$12,475.00					80	\$12,475.00
163	6	\$1,320.00					6	\$1,320.00
164	0	\$0.00	12	\$1,960.00			12	\$1,960.00
ODE							0	\$0.00
TOTAL	583	\$ 97,365.00	200	\$ 28,000.00	\$ 9.00	\$ 1,338.00	792	\$126,703.00

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.
 WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #5

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	SR STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROUTE & DESIGN STUDIES (FC 110)														
												0		
												0		
												0		
												0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	160			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
SUBTOTAL (FC 110)												\$0.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	SR STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ENVIRONMENTAL STUDIES (FC 120)														
REVISED DESIGNS / EXHIBITS FOR USACE COMMENTS	4	8		16	8		24					80		
COORDINATION WITH SUBCONSULTANT AND GEC (USACE COMMENTS, PCN REVISIONS)	24			16								40		
REVISE PRE-CONSTRUCTION NOTIFICATION	4	4		8			16					32		
QA/QC OF ALL ENVIRONMENTAL DELIVERABLES		24		8								32		
HOURS SUB-TOTALS	32	36	0	48	8	0	40	0	0	0	0	184		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	160			
TOTAL LABOR COSTS	\$8,160.00	\$7,920.00	\$0.00	\$8,400.00	\$1,200.00	\$0.00	\$5,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,080.00		
% DISTRIBUTION OF STAFFING	19.51%	21.95%	0.00%	29.27%	4.88%	0.00%	24.39%	0.00%	0.00%	0.00%	0.00%			
SUBTOTAL (FC 120)												\$31,080.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	SR STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
DESIGN SURVEY & ROW (FC 130)														
PROPERTY RECORDS					1		4	8		4		17		
LAND SWAP					2		4	8		4		18		
UPDATE ROW ELECTRONIC FILE					1		4	8		4		17		
ECONOMIC UNIT EXHIBITS (2)					2		4	8		4		18		
ROW STAKING (ROW/DE)										1	8	9		
COORDINATION WITH GEC (PARCEL DOCUMENTS / STAKING)	24			4								28		
HOURS SUB-TOTALS	24	0	0	4	6	0	16	32	0	17	8	107		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	160			
TOTAL LABOR COSTS	\$6,120.00	\$0.00	\$0.00	\$700.00	\$900.00	\$0.00	\$2,160.00	\$3,680.00	\$0.00	\$2,380.00	\$1,280.00	\$17,220.00		
% DISTRIBUTION OF STAFFING	22.4%	0.0%	0.0%	3.7%	5.6%	0.0%	15.0%	29.9%	0.0%	15.9%	7.5%			
SUBTOTAL (FC 130)												\$17,220.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	SR STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROADWAY DESIGN (FC 140)														
EXHIBITS FOR ROW ACQUISITION	12			8	16		32					68		
EARTHWORK CALCULATIONS	2			4			8					14		
CONTOUR MODIFICATIONS	4			8			16					36		
CROSS SECTION MODIFICATIONS	4			8			16					36		
CATTLE GUARD DETAIL	4			8			16					36		
ADDITIONAL ACCESS LAYOUT (PARCEL 47)				4		16	12					32		
HOURS SUB-TOTALS	28	0	0	40	16	20	124	0	0	0	0	228		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	160			
TOTAL LABOR COSTS	\$8,120.00	\$0.00	\$0.00	\$7,000.00	\$2,400.00	\$2,500.00	\$16,740.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,270.00		
% DISTRIBUTION OF STAFFING	11.5%	0.0%	0.0%	17.7%	7.1%	8.6%	54.9%	0.0%	0.0%	0.0%	0.0%			
SUBTOTAL (FC 140)												\$35,270.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	SR STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
DRAINAGE (FC 151)														
ADDITIONAL UNDERDRAIN LAYOUTS		3			3		6					14		
REVISE CULVERT 4 LAYOUTS (ADD JUNCTION BOXES TO ACCOMMODATE UNDERDRAINS)		3			3		6					10		
REVISE HYDRAULIC DESIGNS FOR REVISED CULVERT 4 CONFIGURATION		1			2		4					4		
DEVELOP CULVERT LAYOUTS (2 EXISTING CULVERTS UNDER NEW ACCESS ROAD)		2					4					8		
HOURS SUB-TOTALS		9	0	0	8	0	20	0	0	0	0	36		
CONTRACT RATE PER HOUR		255	220	230	175	150	125	135	115	140	160			
TOTAL LABOR COSTS		\$2,295.00	\$0.00	\$0.00	\$1,400.00	\$0.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,195.00		
% DISTRIBUTION OF STAFFING		100.0%	0.0%	0.0%	33.3%	0.0%	58.3%	0.0%	0.0%	0.0%	0.0%			
SUBTOTAL (FC 151)												\$4,195.00		

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.
 WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #5

DESIGN PARALLEL DRAINAGE STRUCTURE UNDER NEW ACCESS ROAD @ CR 101					2										6
MODIFICATIONS TO BC CULVERT LAYOUT (AVOID ENVIRONMENTAL IMPACTS)					4										18
															0
															0
															0
															0
HOURS SUB-TOTALS	2	13	0	0	22	0	43	0	0	0	0	0	0	0	80
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	180				
TOTAL LABOR COSTS	\$510.00	\$2,860.00	\$0.00	\$0.00	\$3,300.00	\$0.00	\$5,805.00	\$0.00	\$0.00	\$0.00	\$0.00				\$12,475.00
% DISTRIBUTION OF STAFFING	2.5%	16.3%	0.0%	0.0%	27.5%	0.0%	53.8%	0.0%	0.0%	0.0%	0.0%				
SUBTOTAL (FC 161)															\$12,475.00

TASK DESCRIPTION	PROJECT DIRECTOR	Sr. PROJECT MANAGER	SR. STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr. CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
MISCELLANEOUS (FC 163)														
GENERAL NOTES		6										6		
												0		
												0		
												0		
												0		
HOURS SUB-TOTALS	0	6	0	0	0	0	0	0	0	0	0	6		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	180			
TOTAL LABOR COSTS	\$0.00	\$1,320.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,320.00		
% DISTRIBUTION OF STAFFING	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
SUBTOTAL (FC 161)												\$1,320.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr. PROJECT MANAGER	SR. STRUCT. ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr. CADD TECH	SURVEY MANAGER	SURVEY CREW	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
MANAGING CONTRACTED PER SERVICES & SURVEY CONTRACTS (FC 164)														
												0		
												0		
												0		
												0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	230	175	150	125	135	115	105	140	180			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
SUBTOTAL (FC 164)												\$0.00		

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.
 WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #5

DESCRIPTION										TOTAL MH BY FC	TOTAL COSTS BY FC
ROUTE AND DESIGN STUDIES (FC110)										0	\$0.00
ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT (FC 120)										164	\$31,080.00
DESIGN SURVEYS & ROW (FC 150)										107	\$17,220.00
ROADWAY DESIGN (FC 160)										226	\$35,270.00
DRAINAGE (FC 161)										80	\$12,475.00
MISCELLANEOUS (FC 163)										6	\$1,320.00
MANAGING CONTRACTED PER SERVICES & SURVEY CONTRACTS (FC 164)										0	\$0.00
SUBTOTAL LABOR EXPENSES										583	\$97,365.00
OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT									
Air Travel	0	\$ 800.00									\$0.00
Mileage (# of miles) (current IRS rate)		\$0.575									\$0.00
Per diem		\$36.00									\$0.00
Hotel		\$85.00									\$0.00
Photocopies BW (11 X 17)		\$0.25									\$0.00
White Mylar (11 X 17)		\$3.00									\$0.00
CD Archive		\$5.00									\$0.00
Roll Plots		\$3.00									\$0.00
Photocopies Color (8.5 X 11)		\$1.50									\$0.00
Photocopies Color (11 X 17)		\$2.00									\$0.00
SUBTOTAL DIRECT EXPENSES											\$0.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	\$97,365.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	\$0.00
GRAND TOTAL	\$97,365.00

ATTACHMENT D-FEE SCHEDULE (HDR, INC.)

PRIME PROVIDER NAME: HDR, Inc.
 WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #6

TASK DESCRIPTION	SENIOR PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	ENV MANAGER	SENIOR ENV PLANNER	SENIOR ENV SCIENTIST	ENV SCIENTIST	SENIOR GIS TECH	GIS TECH	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL HRS	TOTAL LABOR HRS & COSTS
Environmental Documentation (Function Code 120)																
REVISE PRE-CONSTRUCTION NOTIFICATION	4					4		40	4		8				60	\$ 8,040.00
REVISE ARCHEOLOGICAL SURVEY REPORT	8					4		40	4		8				64	\$ 9,000.00
PREPARE ENVIRONMENTAL TECHNICAL REPORT	8					4		40	4		8				64	\$ 9,000.00
																\$ -
HOURS SUB-TOTALS	20	0	0	0	0	12	0	120	12	0	24	0	0	0	188	
CONTRACT RATE PER HOUR	\$240.00	\$195.00	\$150.00	\$125.00	\$115.00	\$230.00	\$185.00	\$125.00	\$90.00	\$135.00	\$100.00	\$115.00	\$90.00	\$65.00		
TOTAL LABOR COSTS	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,760.00	\$0.00	\$15,000.00	\$1,080.00	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00		\$ 26,040.00
% DISTRIBUTION OF STAFF HOURS	18.43%	0.00%	0.00%	0.00%	0.00%	10.60%	0.00%	57.60%	4.15%	0.00%	9.22%	0.00%	0.00%	0.00%	0.00%	
SUBTOTAL (FC 120)	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,760.00	\$0.00	\$15,000.00	\$1,080.00	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00		\$26,040.00
Project Management (Function Code 164)																
Coordination with BGE	4							8							12	\$ 1,960.00
																\$ -
HOURS SUB-TOTALS	4	0	0	0	0	0	0	8	0	0	0	0	0	0	12	
CONTRACT RATE PER HOUR	\$240.00	\$195.00	\$150.00	\$125.00	\$115.00	\$230.00	\$185.00	\$125.00	\$90.00	\$135.00	\$100.00	\$115.00	\$90.00	\$65.00		
TOTAL LABOR COSTS	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,960.00
% DISTRIBUTION OF STAFF HOURS	48.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	51.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	
SUBTOTAL (FC 164)	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,960.00
Total Project Hours	24	0	0	0	0	12	0	128	12	0	24	0	0	0	200	
Project Totals	\$5,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,760.00	\$0.00	\$16,000.00	\$1,080.00	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00		\$28,000.00
Total Project % Distribution of Staff Hours	21%	0%	0%	0%	0%	10%	0%	57%	4%	0%	9%	0%	0%	0%		
Project Total Labor																\$28,000.00

OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT	TOTAL COST
Mileage (# of miles) (current IRS rate)		\$0.575	\$0.00
Lodging		\$85.00	\$0.00
Per Diem		\$36.00	\$0.00
SUBTOTAL DIRECT EXPENSES			\$0.00

SUMMARY	
TOTAL COSTS FOR SUB ONLY	\$28,000.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR SUB ONLY	\$0.00
GRAND TOTAL	\$28,000.00

Geodetics)

PM	RPLS	1GPS	TECH	GPS TECH	ADMIN	TOTAL
\$130	\$125	\$105	\$95	\$85	\$54	
1 HRS						\$ -
1 HRS	0 HRS	0 HRS	0 HRS	0 HRS	0 HRS	\$ 1,338.00
1 HRS	0 HRS	0 HRS	0 HRS	0 HRS	0 HRS	\$ 1,338.00
\$130	\$0	\$0	\$0	\$0	\$0	\$1,338.00

Geodetics)

PM	RPLS	1GPS	TECH	GPS TECH	ADMIN	TOTAL
\$130	\$125	\$105	\$95	\$85	\$54	
						\$ -
1 HRS						\$ 1,338.00
1 HRS	0 HRS	0 HRS	0 HRS	0 HRS	0 HRS	9 HRS
1 HRS	0 HRS	0 HRS	0 HRS	0 HRS	0 HRS	\$ 1,338.00
\$130	\$0	\$0	\$0	\$0	\$0	\$1,338.00
