



LAW

ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

November 5, 1997

Mr. Kenneth W. Burnett
Tennessee Valley Authority
1101 Market Street, LP-2G
Chattanooga, TN 37402

Subject: **Addendum No. 1 to Task Order LA-36-1201875 for Geotechnical Exploration
Tennessee Valley Authority
Kingston Fossil Plant
Two Additional Proposed Railroad Bridges and
Steel Plate Culvert
Roane County, Tennessee
LAW Project 50385-5-0400/0036/0001**

Dear Mr. Burnett:

We have reviewed your October 24, 1997, letter concerning the cost overrun for the above mentioned project. Although we believe all the holes drilled for this project provided needed information for your bridge designers, we understand you feel that five of the holes were unnecessary, and we agree to reduce our fees from \$66,274 to \$57,274.

Mr. Burnett, we appreciate the opportunity to provide services to TVA, and look forward to continuing our working relationship with you. We will attempt to avoid this type of situation on future projects. Please contact Jeff Abston at (423) 588-8544 or Carl Tockstein at (803) 798-1200 concerning this matter.

Sincerely,

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

Jeffery A. Abston, P.E.
Senior Engineer

Carl D. Tockstein, P.E.
Chief Engineer
TVA Task Manager

cc: John Lane, TVA
Lynn Petty, TVA
Roger Franklin, LAW
Chuck McCallister, LAW



LAW

ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

1725 Louisville Drive
Knoxville, TN 37921
423-588-8544
Fax 423-588-8026

Date 11/24/97

Number of pages including cover sheet 2

To: Mr. Lynn Petty
TVA

From: Jeff Abston

Phone _____

Phone 423-588-8544

Fax Phone 423-588-8026

Fax Phone 423-588-8026

CC: _____

REMARKS:

I have reviewed this document. I have a copy. Please comment

Revised and resubmitted to Mr. R. Bridges.

Original document will follow by mail. No original being sent.

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TVA, Kingston Forest Plant
 LAW Project 50-0-03-0400/0036/0001

November 24, 1997

TABLE 1						
Professional Services*						
Description	Classification NO	Hours	Rate	Burden	Billing Rate	Cost
Project Administration	Principal Level II	3	\$30.34	\$52.49	\$82.97	\$249
Data Analysis/Report Preparation	Principal Level II	20	\$30.34	\$52.49	\$82.92	\$1,658
Data Analysis/Report Preparation	Senior Engineer I	30	\$19.14	\$33.11	\$52.25	\$1,568
Data Analysis/Report Preparation	Project Engineer	65	\$18.35	\$31.75	\$50.10	\$3,257
Data Analysis/Report Preparation	Word Processor	15	\$10.50	\$18.20	\$28.66	\$430
Data Analysis/Report Preparation	Draftperson	15	\$10.50	\$18.20	\$28.66	\$430
Subtotal Labor						\$7,591
Drilling						
Description	Units	Rate	Cost			
Mobilization and demobilization of truck-mounted drilling equipment	2	\$300.00	\$600			
Mobilization of support truck	2	\$75.00	\$150			
Mobilization of barge for drilling	1	\$3,650.00	\$3,650			
Auger boring in overburden soil, 3-inch O.D., 3 to 30 feet	273.8	\$5.50	\$1,506			
Rock Coring	169.8	\$25.00	\$4,245			
Coring setup charges per terms	8	\$100.00	\$800			
Rock core boxes	20	\$12.00	\$240			
Installation of temporary casing through soil, 4 1/2" casing	245	\$3.50	\$858			
Support truck (per day)	27	\$35.00	\$945			
Barge drilling (per day)	140	\$150.00	\$21,000			
Crew daily trip (per day)	27	\$75.00	\$2,025			
Standard personnel (per hour)	64	\$17.50	\$1,120			
Undisturbed sample (per sample)	7	\$40.00	\$280			
Growing Bushes	679.6	\$5.50	\$3,738			
Dozer (per hour)	1	\$375.00	\$375			
Bulldozer work (per hour)	12	\$80.00	\$960			
Subtotal (per hour)		\$245.00	\$3,245			
Subtotal						\$45,736
Labor						
Description	Units	Rate	Cost			
Plant (per hour)	8	\$20.00	\$160			
Attendant (per hour)	8	\$40.00	\$320			
Operator (per hour)	6	\$100.00	\$600			
Under (per hour)	6	\$50.00	\$300			
Operator (per hour)	6	\$25.00	\$150			
Operator (per hour)	6	\$35.00	\$210			
Subtotal						\$3,490
Subtotal						\$56,817
Subtotal						\$456
Subtotal						\$57,273

WO/JO Number:

Letter Number :

TENNESSEE VALLEY AUTHORITY, FOSSIL AND HYDRO POWER TASK ASSIGNMENT ORDER (TAO)

CONTRACT NUMBER: TV-92657V
 CONTRACTOR: Law Environmental, Inc.
 TASK NUMBER: LA - 036 - 1201875
 REVISION NUMBER: 00

PROJ ENG/TECH REP: John Lane
 TECHNICAL MGR: K. W. Burnett
 EFFECTIVE BEGIN DATE: 08/11/97
 CURRENT END DATE: 11/28/97
 PHASE:

PLANT: Kingston Fossil Plant

PROJECT: Geotechnical Exploration

TASK DESCRIPTION: Additional proposed railroad bridges and steel plate culvert - geotechnical exploration

DESCRIPTION OF REVISION: Initial Authorization

Subcontractor Name:

FEE TYPE APPLICABLE TO THIS TAO:

Award Fee
 Fixed Fee (If fixed, mark specific type) Staff Augmentation Field Support

TASK SUMMARY

		Previous Revision		Net Change		Total Task Authorization
Negotiated Estimated Cost	\$	0	+	\$ 44,380	=	\$ 44,380
Fixed Fee	\$	0	+	\$ 455	=	\$ 455
Earned Award Fee to Date	\$	0	+	\$ 0	=	\$ 0
Available Award Fee	\$	0	+	\$ 0	=	\$ 0
Total Estimated Price	\$	0	+	\$ 44,835	=	\$ 44,835

TVA SHORT CODE: 000XSGO PCN: 4589 LOCATION CODE: _____ PERFORMING UNIT: _____
 NA Appropriated Funds Commit \$: _____ \$0 Fiscal Year: _____

APPROVED BY:

Kenneth W. Burnett

TVA Authorized Technical Contract Manager

8-4-97

Date

DISTRIBUTION:

Law Environmental, Inc. (cc) Contract Administrator (Original) Proj Eng/Tech Representative (cc)
 Financial Services, Compliance Specialist (cc) Technical Manager (cc)