

**Minghini, Cherie M.**

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**From:** Morris, Benton C.  
**Sent:** Monday, May 08, 2000 2:31 PM  
**To:** Minghini, Cherie M.  
**Cc:** Smith, H. Michael; Petty, Harold L.  
**Subject:** KIF - Coal Yard Drainage Project

Please initiate study immediately using short code 0014P7V. This is a temporary account for use until project is approved by FPEP and accounts assigned.

*Clark Morris*

Proposal Number:  
WO/JO Number:  
Letter Number : PP-4752-PR-C

Scope Change Number: 0A

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

CONTRACT NUMBER: 99PPW-246289

PROJ ENG/TECH REP: C. Minghini

CONTRACTOR: Parsons

TECHNICAL MGR: Ron Purkey

TASK NUMBER: PR - 0134-14 to 4/4

EFFECTIVE BEGIN DATE: 05/09/2000

REVISION NUMBER: 00

CURRENT END DATE: 07/30/2000

PHASE:

PLANT: Kingston Fossil Plant

PROJECT: COAL YARD RUNOFF POND DISCHARGE PIPE UPGRADE

TASK DESCRIPTION: PHASE 1 Engineering and Design

DESCRIPTION OF REVISION: Initial Authorization

Subcontractor Name:

FEE TYPE APPLICABLE TO THIS TAO:

Performance Award Fee

Fixed Price Fee - Managed

Fixed-Percentage Fee

No fee applies to this task

Fixed-Percentage Type

Staff Augmentation

Field Support/

**TASK SUMMARY**

	<u>Previous Revision</u>		<u>Net Change</u>		<u>Total Task Authorization</u>
Negotiated Estimated Cost	\$ 0 +	\$ 27,274	=	\$ 27,274	
Fixed Fee	\$ 0 +	\$ 1,490	=	\$ 1,490	
Earned Award Fee to Date	\$ 0 +	\$ 0	=	\$ 0	
Available Award Fee	\$ 0 +	\$ 0	=	\$ 0	
<b>Total Estimated Price</b>	<b>\$ 0 +</b>	<b>\$ 28,764</b>	<b>=</b>	<b>\$ 28,764</b>	

TVA SHORT CODE: 0014P7V

PCN: KIF353

LOCATION CODE: 0007

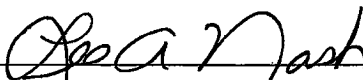
PERFORMING UNIT: 17429

NA Appropriated Funds

Commit \$: \$0

Fiscal Year: \_\_\_\_\_

APPROVED BY:

  
TVA Contract Administrator

5/9/00  
Date

**DISTRIBUTION:**

Parsons (cc)

Contract Administrator (Original)

Proj Eng/Tech Representative (cc)

Financial Services, Compliance Specialist (cc)

Technical Manager (cc)

05/09/2000

TVA-00009728

### PROPOSAL INTERNAL REVIEW SHEET

CONTRACT NUMBER: 99PPW-246289  
CONTRACTOR: Parsons  
TASK NUMBER: PR - 0134- RTP0134

PROJ ENG/TECH REP: C. Minghini  
TECHNICAL MGR: Ron Purkey  
EFFECTIVE BEGIN DATE: 05/09/2000  
CURRENT END DATE: 07/30/2000

PHASE:

PLANT: Kingston Fossil Plant

PROJECT: COAL YARD RUNOFF POND DISCHARGE PIPE UPGRADE

TASK DESCRIPTION: PHASE 1 Engineering and Design

Subcontractor Name:

FEE TYPE APPLICABLE TO THIS TAO:

- Performance Award Fee
  - Fixed Price Fee - Managed
  - Fixed-Percentage Fee Fixed-Percentage Type
  - No fee applies to this task
- Staff Augmentation       Field Support/

DESCRIPTION OF REVISION: Initial Authorization

Net Change		
Negotiated Estimated Cost	\$	27,274
Fixed Fee	\$	1,490
Available Award Fee	\$	0
<b>Total Estimated Price</b>	<b>\$</b>	<b>28,764</b>

**APPROVAL:**

- \* Please provide or confirm the above TAO information and short code reference on attached page.
- \* If the attached proposal is to be approved, please complete, sign and return this review sheet to Dianne DeRieux or Patsy Rogers, LP 2L-C, so that the TAO form to be signed by the appropriate Department Manager can be generated.

Chester M. Murphy      REP

5-8-00  
Date

**DISAPPROVAL:**

- \* If the attached proposal is not acceptable, please contact the Contractor to prepare a revised proposal.
- \* If the attached proposal is to be cancelled and the work is not to be performed by the Contractor, sign below and return to Dianne or Patsy.

\_\_\_\_\_

\_\_\_\_\_  
Date

Short code Attachment list...

CONTRACT NUMBER: TV-246289

CONTRACTOR: Parsons

TASK NUMBER: PR -0134-RTP0134

NOTE: Stanley Blair, X-6840 , LP 1F-C to confirm or obtain short code information

Short Code	PCN	Loc Code	Perf Unit	Commit \$ (Approp. Only)	Comments
0014P7V		KIF	353		

**TENNESSEE VALLEY AUTHORITY  
CONTRACT 99PPW-246289  
KINGSTON FOSSIL PLANT  
KIF 353  
COAL YARD RUNOFF POND DISCHARGE PIPE UPGRADE, PHASE I  
PR-RTP-0134**

May 2, 2000  
PP-4752-PR-C  
Scope Change: 0A  
Requested Start Date: May 9, 2000  
Requester: C. Minghini

Mr. Lee A. Nash  
Manager of Fossil Engineering  
Tennessee Valley Authority  
1101 Market Street  
Chattanooga, TN 37402-2801

Dear Mr. Nash:

Parsons is pleased to submit this proposal for providing Phase 1 engineering and design associated with the coal yard runoff pond discharge pipe upgrade at Kingston Fossil Plant.

## SCOPE

The scope of work is as follows.

Perform a Phase 1 study to determine the detailed scope of the final design (phase 2) activities sufficient to develop construction cost estimates. For phase 1, this will consist of the following activities:

- In concert with TVA Fossil engineering, review rainfall data and determine a design storm event.
- Evaluate the potential for flooding the reclaim tunnels, in concert with pump operation. For phase 1, this will consist of calculations using computer programs to determine the volume of storm water runoff that must be stored. Ascertain the limits of an expanded pond, taking into consideration pump operation and cycling.
- Prepare a phase 1 drawing in autocad format that incorporates new topography of the area, location of the new coal blending facility, new railroad alignment. The drawing will also depict limits of excavation for an expanded pond (based on the results of



computer modeling), and proposed routing of HDPE force main.

Information Required from TVA:

Digital copy of topographic survey. The survey will cover the existing coal pond and extend into the coal yard to sufficiently define the topography in the area where the pond may be expanded.

Rainfall data for the Kingston Fossil Plant.

Site specific studies or other information that TVA may have regarding the drainage area for the plant.

Meetings

We have provided for Parsons' attendance at three meetings either at KIF or in Chattanooga.

Assumptions

Definition of the drainage area will not require a detailed study by Parsons; the drainage area will be developed using new and existing topographic maps provided by TVA, as well as information supplied to Parsons by TVA regarding the definition of the drainage area resulting from past studies.

Deliverables

Narrative describing Phase 2 and Phase 3 scope, engineering man-hours, and quantities for construction estimate;

Stormwater calculations to establish the basis for sizing the coal yard runoff pond;

Phase 1 drawing depicting existing topography, coal blending facility, routing of force main piping (HDPE pipe).

**ORGANIZATION**

All work will be performed under the direction of Mr. Bill Griffith, Manager Chattanooga Operations, who is directly responsible to TVA for the overall quality of the work. Mr. Dan Smith will serve as the Project Manager and Lead Engineer. These individuals will be supported by Parsons engineering and design personnel as required to complete the work.

**SCHEDULE**

This task can be completed by June 30, 2000 if authorization to proceed is received by May 9, 2000.

## PRICING

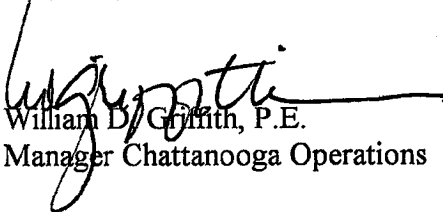
All work performed will be in accordance with the terms of Contract 99PPW-246289. The estimated engineering cost for the work described here is \$28,764.

This estimate was prepared assuming no overtime will be. However, should emergency conditions or schedule constraints occur, Parsons requests the flexibility to use additional overtime under the original authorization provided the total price is not exceeded.

## SUMMARY

Parsons is pleased with the opportunity to be of service to TVA and we look forward to the successful completion of this task. If you have any questions, please feel free to contact Mr. Dan Smith at (423) 757-8088 or me at (423) 757-8027.

Very truly yours,



William D. Griffith, P.E.  
Manager Chattanooga Operations

Attachment: Proposal Pricing Forms

**PARSONS ENERGY & CHEMICALS GROUP INC.**  
**TVA FHP TASK PROPOSAL FORM - CONTRACT 99PPW-246289**  
**KIF 353 Coal Yard Runoff Pond Discharge Pipe Upgrade**  
**PR-RTP- 0134 SC No.: 0A**  
**27-Apr-00**

"LABOR" & "OVERTIME LABOR"

POSITION/ GRADE	ST Billing Rate (\$/HR)	ST HOURS	ST COST	OT Billing Rate (\$/HR)	OT HOURS	OT COST(\$)	TOTAL COST(\$)
Project Management	\$85.99	19	\$1,659	\$68.16	0	\$0	\$1,659
Technical Management	\$75.16	9	\$664	\$59.57	0	\$0	\$664
Project Services	\$62.88	23	\$1,460	\$49.84	0	\$0	\$1,460
<b>SUBTOTAL SERVICES</b>		<b>51</b>	<b>\$ 3,782</b>		<b>0</b>	<b>\$ -</b>	<b>\$ 3,782</b>

Senior Supervising Engineer (E11)	\$84.92	0	\$0	\$67.31	0	\$0	\$0
Supervising Engineer (E10)	\$77.15	124	\$9,566	\$61.15	0	\$0	\$9,566
Principal Engineer (E09)	\$64.52	36	\$2,323	\$51.14	0	\$0	\$2,323
Senior Engineer (E08)	\$63.97	87	\$5,565	\$50.71	0	\$0	\$5,565
Engineer II (E07)	\$50.60	0	\$0	\$40.11	0	\$0	\$0
Engineer I (E06)	\$42.95	0	\$0	\$34.04	0	\$0	\$0
Associate Engineer (E05)	\$41.77	0	\$0	\$33.11	0	\$0	\$0
Principal Designer (N16)	\$58.93	0	\$0	\$70.07	0	\$0	\$0
Senior Designer (N14)	\$54.78	40	\$2,191	\$65.13	0	\$0	\$2,191
Designer II (N12)	\$44.45	0	\$0	\$52.85	0	\$0	\$0
Senior Drafter (N10)	\$35.14	40	\$1,406	\$41.78	0	\$0	\$1,406
Drafter (N08)	\$25.38	0	\$0	\$30.17	0	\$0	\$0
Associate Drafter (N06)	\$23.05	0	\$0	\$27.41	0	\$0	\$0
Technician (N04)	\$19.52	0	\$0	\$23.21	0	\$0	\$0
Proj. Sect'y II (N05)	\$20.83	0	\$0	\$24.76	0	\$0	\$0
Proj. Sect'y I (N04)	\$19.52	0	\$0	\$23.21	0	\$0	\$0
Word Processing (N03)	\$17.57	0	\$0	\$20.89	0	\$0	\$0
Clerical (N02)	\$12.59	0	\$0	\$14.97	0	\$0	\$0
<b>SUBTOTAL ENG'G &amp; DESIGN</b>		<b>327</b>	<b>\$ 21,051</b>		<b>0</b>	<b>\$ -</b>	<b>\$ 21,051</b>

SUBTOTAL LABOR \$24,833

TRANSPORTATION & SUBSISTANCE \$87  
TEMPORARY ASSIGNMENT LIVING EXPENSES \$0  
COMPUTERS, CAD, TELEPHONE, REPRODUCTION \$2,054  
REPROGRAPHICS (OUTSIDE SERVICES) \$0  
MISCELLANEOUS EXPENSES \$300  
SUBCONTRACTED SERVICES \$0  
SUBTOTAL EXPENSES \$2,441

SUBTOTAL (Labor & Expenses) \$27,274

FIXED FEE @ 6% (APPLIED TO LABOR ONLY) \$1,490

TOTAL TASK ESTIMATED COST \$28,764

Man-hours by Discipline - Provided for reference only

Project Management	19	Mechanical	16
Technical Management	9	Electrical	0
Project Services	23	Cntrl Syms	0
Specialist	0	Structural	311
		<b>TOTAL</b>	<b>378</b>



**PARSONS ENERGY & CHEMICALS GROUP INC.**  
**TVA FHP TASK PROPOSAL FORM - CONTRACT 99PPW-246289**  
**KIF 353 Coal Yard Runoff Pond Discharge Pipe Upgrade**  
**PR-RTP- 0134            SC No.: 0A**  
**27-Apr-00**

Project Spend Plan

09-May-00 - Project Start  
 30-Jun-00 - Project Complete  
 2 - Project Duration - Months

	Hours	Cost
Month 1	215	\$15,521
Month 2	163	\$11,754
Month 3	0	\$0
Month 4	0	\$0
Month 5	0	\$0
Month 6	0	\$0
Month 7	0	\$0
Month 8	0	\$0
Month 9	0	\$0
Month 10	0	\$0
Month 11	0	\$0
Month 12	0	\$0
Month 13	0	\$0
Month 14	0	\$0
Month 15	0	\$0
Month 16	0	\$0
Month 17	0	\$0
Month 18	0	\$0
Month 19	0	\$0
Month 20	0	\$0
Fee		\$1,490
<b>TOTAL</b>	<b>378</b>	<b>\$28,764</b>