



November 15, 2007

ADMINISTRATIVELY CONFIDENTIAL

Stacci Thomas
Tennessee Valley Authority, LP 3J
1101 Market Street
Chattanooga, Tennessee 37402

NOV 19 2007

**RE: Response to Request for Proposal (RFP) – RFP-20071022
To Assist in the Preparation of Construction Documents for a Coal
Combustion Byproduct Disposal Facility, Peninsula Site, TVA–
Kingston Fossil Plant**

Dear Ms. Thomas:

Civil & Environmental Consultants, Inc. (CEC) is pleased to present this response to the Request for Proposal (RFP) dated October 22, 2007 to provide assistance in preparation of construction documents for a coal combustion byproduct disposal facility, specifically Phase I and ancillary construction projects at the Kingston Fossil Plant, located in Harriman, TN.

COMPANY DESCRIPTION

Civil and Environmental Consultants Inc. (CEC) is a civil and environmental firm located in Nashville (Franklin), Tennessee. CEC has offices located in many prominent cities throughout the south and northeast, with our corporate headquarters in Pittsburgh, Pennsylvania. In addition to the Nashville and Pittsburgh offices, CEC consists of eight (8) additional offices (Chicago, IL; Cincinnati, OH; Cleveland, OH; Columbus, OH; Export, PA; Indianapolis, IN; Detroit, MI; St. Louis, MO) with varying solid waste and coal combustion by-product permitting experience.

INTRODUCTION

Firm Information

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

405 Duke Drive, Suite 270
Franklin, Tennessee 37067
T – (615) 333-7797
F – (615) 333-7751

ADMINISTRATIVELY CONFIDENTIAL

Point of Contact: Jo K. House, P.E.
Principal

Civil & Environmental Consultants, Inc.

Nashville 405 Duke Drive
Suite 270
Franklin, Tennessee 37067
Phone 615/333-7797
Fax 615/333-7751
Toll Free 800/763-2326
E-mail nashville@cecinc.com

Pittsburgh 800/365-2324
Chicago 877/963-6026
Cincinnati 800/759-5614
Columbus 888/598-6808
Detroit 866/380-2324
Export 800/899-3610
Indianapolis 877/746-0749
St. Louis 866/250-3679

Corporate Web Site <http://www.cecinc.com>



The authorized negotiators for this response to the RFP are presented as follows:

Primary Contact:

Jo K. House, P.E.

Principal

Civil & Environmental Consultants, Inc.

405 Duke Drive, Suite 270

Franklin, Tennessee 37067

T – (615) 333-7797

F – (615) 333-7751

M – (615) 330-0771

Secondary Contact:

Greg Kugler

Vice President and Principal

Civil & Environmental Consultants, Inc.

405 Duke Drive, Suite 270

Franklin, Tennessee 37067

T – (615) 333-7797

F – (615) 333-7751

M – (615) 330-0780

A current rate schedule is provided as Attachment A. Per the guidelines presented in the RFP, the following complete and signed documents are also provided as attachments:

- Proposal Statement..... Attachment B
- TVA Information Form..... Attachment C
- Small Business and Small Disadvantaged
Business Subcontracting Plan..... Attachment D

TECHNICAL AND MANAGEMENT PROPOSAL

CEC's Prior Experience with Solid Waste Facilities

The following list of projects represents a sample of those that have required permitting with the Division of Solid Waste Management within TDEC. More detailed information about any of the following projects is available on request.

2007 –Class I Solid Waste Landfill Expansion – Kimball, Tennessee – CEC has been retained to permit an expansion of an existing Class I sanitary landfill. The design will expand the current footprint of the Class I landfill onto the closed pre-subtitle D Class I



landfill. The design is referred to as a “piggyback” which will lie on the slope of the closed Class I landfill. In addition to the typical engineering calculations of a permit application, differential settlement and slope stability analyses will be required to ensure the integrity of the liner system of the proposed Class I landfill is not compromised.

2007 –Class III/IV Landfill Design and Permitting – Kimball, Tennessee – CEC has been contracted to perform a hydrogeologic investigation in order to design and permit a construction/demolition landfill within the limits of the Class I landfill property. The proposed new amendments to the Tennessee Solid Waste Regulations will require an environmental site assessment of the property which will include groundwater monitoring.

2007 – Minor Modification to Existing Class I Permit – Murfreesboro, Tennessee – CEC was contracted to revise the final contours of the Class I solid waste landfill in order to improve the drainage of a pre-Subtitle D portion of the landfill. The project entailed conducting stormwater calculations and regrading the final cover grades.

2006-2007 – Construction Drawings for Cells and Capping – Murfreesboro, Tennessee – CEC was contracted to prepare construction detail drawings for the completion of 2 cells totaling 18 acres and a capping project of 22 acres. The construction drawing projects consisted of bid documents and specifications, participation in a pre-bid meeting, construction cost estimations, bid evaluations, and engineering support during construction. The project also entailed the construction of a truck wheel wash facility and an entrance road redesign project.

2006 – Construction Drawings for 6 acre Cell – Church Hill, Tennessee – CEC was contracted to prepare construction detail drawings for the completion of a 6 acre cell. The construction drawing project consisted of bid documents and specifications, participation in a pre-bid meeting, construction cost estimations, bid evaluations, and engineering support during construction.

2006 - 2007 –Class III/IV Landfill Expansion – Pigeon Forge, Tennessee - CEC was contracted to design and construct a Class III/IV landfill for the disposal of construction and demolition wastes. The facility is adjacent to the existing Class I landfill and actually will piggyback on a portion of the Class I slopes. The permit is currently under review by the Nashville Central office and the Knoxville office of the TDSWM.

2005 – 2006 - Class I Landfill Expansion – Murfreesboro, Tennessee – CEC was retained to perform a hydrogeologic investigation of a landfill expansion for a 70-acre site which had been stripped of soil to the top of the limestone bedrock formation. The investigation required characterization of the integrity of the limestone and location of the uppermost Karst aquifer beneath the site. Design drawings were then prepared for a 70-acre lateral expansion (20 million cubic yards of airspace) to the existing Class I



Municipal waste landfill. The expansion required the acquisition of variances for alternate liner and cover designs due to the limited soil materials available at the landfill.

2004 – Permitting of a Class II Industrial Landfill – Columbia, Tennessee – CEC prepared permit documents for the lateral expansion of the existing Class II Industrial landfill. Formulated the hydrogeologic investigation and prepared the design drawings and required documents required by the Tennessee Division of Solid Waste Management regulations.

2003 – Vertical Expansion of a Class III/IV Construction/Demolition Landfill– Nashville, Tennessee – CEC designed a vertical expansion of an existing Class III/IV construction and demolition landfill in Hermitage, Tennessee. The design entailed stability analyses, stormwater management design, and final cover design.

2003 - Slope Stability Analysis of Phosphate Pond Embankment Dam - Columbia, Tennessee – CEC performed a slope stability analysis and a cost analysis of a proposed vertical expansion of a Phosphate Holding Pond in Columbia, Tennessee. The pond was constructed of a slag material generated on-site. The proposed project involved raising the pond embankment and dam by four feet. Numerous analyses were performed that indicated that the proposed expansion would be stable. A cost estimate was also prepared to determine estimated construction costs of the project.

2003 – Class III/IV Construction/Demolition Landfill – Waverly, Tennessee, Prepared construction drawings and provided construction quality assurance of the final closure of a section of a Class III/IV landfill. In addition, provided guidance and surveying for development of the new section of the Class III/IV landfill.

2003 – Construction Quality Assurance – Murfreesboro, Tennessee – CEC provided the construction quality assurance oversight for construction of the clay liner for an 11-acre landfill cell at the Middle Point Landfill. Field oversight of construction operations, preparation of the CQA document, and certification of the liner for the DSWM were the major tasks performed during this project.

2002 – Sinkhole Repair – Murfreesboro, Tennessee – CEC was retained to formulate the repair of a sinkhole that had dropped out in the middle of a landfill cell under construction. CEC developed a design that ensured that the integrity of the landfill liner would not be comprised by minimizing the potential for future collapse.

2002 – Expansion of a Class III/IV Construction/Demolition Landfill– Nashville, Tennessee – Performed geologic investigation for a new Class III/IV landfill in Hermitage, Tennessee. The facility was located in a Karst Geologic setting that required an evaluation for the potential for subsidence. Upon completion of the geologic



investigation, professional services were provided so as to obtain all required state and local permits for operation of the Class III/IV landfill.

2001 –Landfill Slope Design, Fort Sheridan, Illinois – CEC to performed a veneer slope stability analysis of an old landfill that bordered Lake Michigan in Fort Sheridan, Illinois. The components of the final cover had already been agreed upon between the Illinois EPA and the site. It was the responsibility of CEC to determine if the final cover system would be stable with respect to veneer stability.

2001 –Landfill Slope Stability Investigation, Marshall County, Kentucky - Provided forensic engineering for final cover erosion and veneer stability problems of a newly constructed cover.

2001 – Class II Industrial Landfill, Clarksville, TN – CEC prepared construction drawings and bid documents for the closure of a portion of a Class II industrial landfill. In addition, CEC provided Construction Quality Control Services for construction of the final cover.

2001 - Expansion of a Class III/IV Construction and Demolition Waste Landfill – Lebanon, Tennessee – Designed a vertical expansion of the existing Class III/IV construction and demolition landfill.

CEC's Prior Experience with Stormwater Ponds, Pumping Systems, Site Grading, and Related Facilities

The following select list of projects represents a sample of those that have dealt with one or more of the above-mentioned tasks. The majority of the above mentioned landfill permitting projects have entailed all of the above mentioned tasks. CEC prepares the stormwater pond design, pumping system specifications, grading, and ancillary facilities as part of the permit drawings. More detailed information about any of the following projects is available on request.

2006-2007 – Construction Drawings for Cells and Capping – Murfreesboro, Tennessee – CEC was contracted to prepare construction detail drawings for the completion of 2 cells totaling 18 acres and a capping project of 22 acres. The construction drawing projects consisted of bid documents and specifications, participation in a pre-bid meeting, construction cost estimations, bid evaluations, and engineering support during construction. The project also entailed the construction of a truck wheel wash facility and an entrance road redesign project.

2003 – Class III/IV Construction/Demolition Landfill – Waverly, Tennessee, Prepared construction drawings and provided construction quality assurance of the final closure of a section of a Class III/IV landfill. In addition, provided guidance and surveying for



development of the new section of the Class III/IV landfill. This project involved site grading and the construction of drainage structures including pond design.

2003 – Construction Quality Assurance – Murfreesboro, Tennessee – CEC provided the construction quality assurance oversight for construction of the clay liner for an 11-acre landfill cell at the Middle Point Landfill. Field oversight of construction operations, preparation of the CQA document, and certification of the liner for the DSWM were the major tasks performed during this project. This project involved site grading and leachate sump installation (pump system).

CEC's Proximity to the TVA office in Chattanooga

The CEC-Nashville office is located in Franklin, Tennessee. The CEC office is 138 miles from the TVA office in Chattanooga. CEC has personnel who bi-weekly travel to Chattanooga for other miscellaneous projects.

CEC's Proximity to the proposed project site

As mentioned previously, the CEC-Nashville office is located in Franklin, Tennessee. The CEC office is 156 miles from the proposed project site in Harriman, Tennessee.

CEC's Familiarity to TVA processes and procedures as demonstrated by prior TVA experience on the individual or company level

CEC has not had extensive experience with TVA, however recently a large proposal for permitting assistance was accepted. The proposal was for the permitting assistance required to complete the dry fly ash stack expansion at the Bull Run Fossil Plant. CEC hopes to complete the expansion project on-time, on-budget, and exceed TVA's expectations in an effort to continue to provide engineering services to TVA.

STAFFING – ASSIGNED PERSONNEL

The following table summarizes CEC personnel that may be utilized during the proposed project. CEC staffing includes scientists, geologists, biologists, engineers, and senior level management. All activities will be supervised and reviewed by senior level personnel or as applicable, a professional engineer or geologist. Supplemental personnel may be obtained from the 10 CEC offices to perform field activities, as necessary. A copy of our rate schedule is included as Attachment A. Resumes are available upon request.



ASSIGNED PERSONNEL

NAME	TITLE	LOCATION	CONTACT INFO	PROJECT DUTIES
Tony Amicon	Principal	Cleveland, OH (800) 759-5614	(513) 218-0366 tamicon@cecinc.com	Coal ash fill design, senior level review
Amber Arthur	Administrative	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 333-7797 abryan@cecinc.com	professional writing, report preparation
Steve Casey, PE	Project Manager I	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-9167 Scasey@cecinc.com	site civil engineering, field activities, permit and report preparation
Jeff Duke	Principal	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 417-9390	Ecological technical oversight, senior level review
Michael Horsley, PG	Project Manager I	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0973 mhorsley@cecinc.com	hydrogeology, groundwater, field activities, report preparation
Jo House, PE, PG	Principal	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0771 Jhouse@cecinc.com	geotechnical engineering technical oversight, senior level review
Greg Kugler	Principal, Vice President	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0780 gkugler@cecinc.com	general technical oversight, senior level review
Greg Maxwell, RLS	Project Manager III	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0366	surveying, field activities
Shaleen McCormick	Project Manager I	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-9166 smccormick@cecinc.com	field activities, permit and report preparation
Chris Pianta	Assistant Project Manager	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0960	groundwater scientist, field activities
Steve Putrich	Vice President	Cleveland, OH (330) 310-6800	sputrich@cecinc.com	Coal ash fill design, senior level review
Charlie Orcutt	Staff Consultant	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 390-7804	field activities, permit and report preparation



ASSIGNED PERSONNEL				
NAME	TITLE	LOCATION	CONTACT INFO	PROJECT DUTIES
Jeff Williams, EIT	Project Engineer	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-9162	Field activities, permit and report preparation
Brian Wolf, EIT	Project Manager I	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 440-7115 bwolf @cecinc.com	Field activities, permit and report preparation
Kevin Wolfe, Ph.D., PE	Principal	Franklin, TN (615) 333-7797 (615) 333-7751	(615) 330-0232	civil engineering technical oversight, senior level review

Accounting Services will be provided from the following corporate office:

Terri Genes
Civil & Environmental Consultants, Inc.
333 Baldwin Road
Pittsburgh, Pennsylvania 15205
T – (800) 365-2324
(412) 429-2324
F – (412) 429-2114

REFERENCES - LIST OF CLIENTS

Client Contact List

Allied Waste

Jimmy Fleming, Environmental Manager, Phone No. - 901 481-4893
7111 Old Millington Road
Millington, Tennessee 38053

Marion County

Mark Payne, Marion County Solid Waste Director – Phone No. – 423-667-1472
700 Chasey Simpson Rd.
Jasper, TN 37347

Occidental Chemical

Eddie Floyd, Environmental Manager – Phone No. – 931-380-5900
970 Santa Fe Pike
Columbia, TN 38401



Williamson County Landfill

Lewis Bumpus, Williamson County Solid Waste Director – Phone No. – 615-790-0742
5750 Pinewood Rd.
Franklin, TN 37064-9366

Wilson County Solid Waste

Bill Arnold, Wilson County Solid Waste Director – Phone No. – 615-444-8360
378 Dump Rd., P.O. Box 2489
Lebanon, TN 37088

SCOPE OF SERVICES

This proposal addresses the scope outlined in the RFP to provide engineering services for preparation of construction documents required for a coal combustion byproduct facility for the disposal of gypsum.

Construction Documents

CEC proposes to prepare the required drawings and technical specifications as outlined in Attachment A of the RFP necessary to construct Phase I, Stormwater Pond, Gypsum Dewatering Area, Access Road, and any other ancillary facilities of the Kingston Fossil Plant.

Quantities Estimates and Opinion of Probable Costs

CEC will provide estimates of quantities for construction as well as an opinion of probable costs associated with design activities.

Calculations

Calculations will be performed in support of the design effort and available in approved formats (MS Excel and MS Word).

Site Visits, Meetings, Coordination

This RFP addresses CEC's attendance at a design review meeting at the plant site. Draft submittals will include four (4) sets of documents for distribution 10 calendar days prior to the date of the design review meeting.

Final Documents

Draft and design review meeting comments will be incorporated into the final document set. It is our understanding that the final set will include six (6) bound copies of all construction drawings and specifications as well as one unbound set for reproduction.



Electronic copies (AutoCAD and MS Word) will also be provided to the assigned Technical Contract Manager (TCM).

COMMERCIAL PROPOSAL

Pricing

Attachment E details the proposed pricing for the anticipated scope based on CEC's knowledge of the permitting process.

Financial Strength

Attachment F contains CEC's company overview which provides a demonstration of financial capability and stability. CEC is audited by a third party annually and a copy of the audit is available upon request. Other specific company information can be provided upon request.

Subcontracting

Based on the scope of services provided by TVA and CEC's experience in providing solid waste services, CEC does not anticipate use of subcontractors to complete the necessary work for this project. If the scope changes such that subcontracting is necessary, CEC will submit a list of proposed subcontractors to TVA prior to contracting.

PROPOSAL VALIDITY

This proposal shall remain valid for a minimum of ninety (90) days from the date of submission.

CONCLUSION

We appreciate the opportunity to prepare this RFP for Tennessee Valley Authority. We look forward to a continued working relationship. If you have any questions or need additional information, please contact us by telephone at (615) 333-7797, by FAX at (615) 333-7751, or by electronic mail at jhouse@cecinc.com.

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Jo K. House
for

Jo K. House, P.E.
Principal

Attachments



ATTACHMENT A
RATE SCHEDULE

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 405 DUKE DRIVE • SUITE 270
 NASHVILLE, TENNESSEE 37211
 PHONE: 615-333-7797 • FAX: 615-333-7751
 E-MAIL: nashville@cecinc.com

Fee Schedule

PROFESSIONAL SERVICES

Classification	Rate/Hour
Principal	\$160
Senior Project Manager	\$140
Project Manager III	\$130
Project Manager II	\$120
Project Manager I	\$100
Assistant Project Manager	\$90
Project Consultant / Geologist / Hydrogeologist / Biologist / Scientist	\$80
Staff Consultant / Geologist / Hydrogeologist / Environmental Specialist	\$70
CAD Designer	\$80
Draftsperson / CADD Operator	\$55
Construction Observer / Environmental Technician	\$65
Senior Land Surveyor	\$85
Project Land Surveyor / GPS Specialist	\$80
Survey Technician IV	\$70
Survey Technician III	\$60
Survey Technician II	\$55
Survey Technician I	\$50
Secretary	\$55

DIRECT EXPENSES

Company or Personal Automobile Mileage	48.5 cents/mile
Computer / CADD Usage	\$15/hour
Other Travel Related Expenses	Cost plus 10%
Printing and Reproduction	Cost plus 10%
Telephone and Shipping	Cost plus 10%
Miscellaneous Services	Cost plus 10%

SUBCONTRACT SERVICES

Services @ Cost Plus 12%



ATTACHMENT B
PROPOSAL STATEMENT

PROPOSAL STATEMENT

Offeror hereby provides written acknowledgment of the following:

1. To the best of Offeror's belief, the cost or pricing data or salary and markup elements submitted under this proposal are accurate, complete, and current as of this date.
2. Offeror agrees to fully cooperate with TVA during the course of the preaward survey and audit, if required, of Offeror's proposal and to provide records or documentation to TVA's satisfaction that fully substantiates all elements of Offeror's proposal including but not limited to salary markups. Offeror further agrees and understands that TVA at its sole option may, for any reason, elect to award all or any portion of the RFP work to other contractor(s) or to not award the work at all, and that TVA assumes no liability to pay any Offeror direct or indirect costs incurred in the development and submission of its proposal.
3. Proposal submitted under this RFP addresses the following exceptions to the RFP and/or draft contract terms and conditions:

NO EXCEPTIONS

SEE ATTACHED EXCEPTIONS

(Note: Offeror understands that TVA reserves the sole right to determine if Offeror's exceptions constitute an unacceptable proposal.)

Civil & Environmental Consultants, Inc.

Company (Offeror)

Jo K. House for

Signature of Authorized Representative

Jo K. House, P.E., P.G.

Printed Name

Principal

Title

November 2, 2007

Date



ATTACHMENT C
TVA VENDOR INFORMATION FORM

TVA VENDOR INFORMATION

RFP-20071010
Enclosure 1
Attachment c

OMB No. 3316-0062
Exp. Date: 2/29/2004

Company Name: Civil & Environmental Consultants, Inc.
405 Duke Drive, Suite 270

Street Address: Franklin Williamson TN 37067
City County State Zip

Mailing Address (if different):
City County State Zip

Telephone: (615) 333-7797 Fax: (615) 333-7751

Internet E-mail Address (if available): jhouse@cecinc.com

Internet E-mail Address or EDI ID for sending orders (if available): _____

Has your company ever been known by another name? Yes No

If "Yes," please fill out the following if they might have been in TVA's vendor database under another name.

Previous Information: Company Name: _____

Street Address: _____
City County State Zip

Mailing Address (if different):
City County State Zip

CLASS CODE: (Choose One)

- | | |
|---|---|
| <input type="checkbox"/> A Small Disadvantage Business* | <input type="checkbox"/> G Non-Profit Organization |
| <input type="checkbox"/> B Other Small Business** | <input type="checkbox"/> K State/Local Government |
| <input checked="" type="checkbox"/> C Large Business | <input type="checkbox"/> L Foreign Contractor |
| <input type="checkbox"/> D JWOD Nonprofit Agency*** | <input type="checkbox"/> M Domestic Contractor Performing Outside U.S. |
| <input type="checkbox"/> E Educational Institution | <input type="checkbox"/> N Federal Agency |
| <input type="checkbox"/> F Hospital | <input type="checkbox"/> U Historically Black College/Univ. or Min. Inst. (HBCU/MI) |

*As defined in FAR 19.001. Includes HubZone small disadvantaged business concerns, Indian reservations, and all 8(a) concerns.

**Small business concern (including an individual) as defined in FAR 19.001 when Small Disadvantaged Business does not apply. Includes HubZone small business concerns.

***A non-profit agency employing people who are blind or severely disabled.

BUSINESS STATUS: (Check any that apply)

- Minority-Owned Business* Women-owned Business* 8(a) certified (as defined by SBA)

*Must be 51% owned operated and controlled

HubZone Code: Choose one if applicable. For an explanation of the Small Business Administration's HubZone code and to readily determine if your company qualifies as a HubZone business, you may access information at <http://www.sba.gov/hubzone>.

Qualified HubZone Small Business Concern Qualified HubZone Small Business Concern/8A
Fuel Provider Yes No Buyer (Surplus Property) Yes No

Do you accept VISA? Yes No Tax Payer ID No.: (required) 25-1599565 1099: Yes No

1099: TVA is required to report for companies who are a service provider to TVA.

Are you a service provider? Yes No Is service provider an individual, employed by TVA and scheduled to receive a W-2? Yes No

(If 1099 is to be mailed to an address which is different than your mailing address, please provide the separate Tax address):

Attention: _____ Address: _____
City: _____ State: _____ Zip Code: _____

VALLEY BUSINESS PRESENCE:

TVA considers a company as having a Valley business presence if one of the following criteria is met:

- A company that provides products, labor, and/or services through an operational business unit located in the Tennessee Valley region.
- Although headquartered outside the Valley, contributes to the economic development of the Valley by maintaining a meaningful presence through the employment of personnel residing in the Valley who perform at least 60 percent of the work performed for TVA.

Note: For purposes of calculating Valley spend, significant amounts paid by non-Valley prime contractors to Valley subcontractors or residents in the performance of the contract shall also be included. Based on the above description, can your business be classified as Valley Business Presence? Yes No

EXECUTIVE CONTACT:

Name: Jo K. House Title: Principal Phone No.: 615 333-7797
City: Franklin State: Tennessee Zip Code: 37067
E-mail Address: jhouse@cecinc.com Fax No.: 615 333-7751

PROVIDER OF INFORMATION:

Vendor's Signature: [Signature] Date: November 2, 2007
Print Name: Jo House Title: Principal Phone No.: (615) 333-7797

For TVA Use Only

Name of Contracting Officer Requesting Vendor No.: _____ Contracting Officer's Fax No.: _____
Phone No.: _____ Vendor Record No.: _____ EFT information sent to Accts Payable? Yes No
(TVA Contracting Officer ONLY E-mail form to "Supplier Information" or fax to (423) 751-7613)



ATTACHMENT D

**SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS
SUBCONTRACTING PLAN**

CEC plans to complete all work. No subcontractors are anticipated to be used. The following form is not applicable. In the event subcontractors will be used, CEC will modify the attached form and submit to TVA prior to use of any subcontractor.

SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN

Contractor: Civil & Environmental Consultants, Inc.
Address: 405 Duke Drive, Suite 270
Franklin, Tennessee 37067

Contract Number: RFP 20071010

Item/Service: To Provide Assistance in Permitting Various Flyash Expansion Projects

The following, together with any attachments, is hereby submitted as a Subcontracting Plan to satisfy the applicable requirements of Public Law 95-507.

1. (a) The following percentage goals (expressed in terms of a percentage of total planned subcontracting dollars) will be applicable to any contract awarded as a result of this solicitation.
 - Small Business (SB) Concerns: 0% of total planned subcontracting dollars under this contract will go to subcontractors who are Small Business Concerns.
 - Small Disadvantaged Business (SDB) Concerns: 0% of total planned subcontracting dollars under this contract will go to subcontractors who are Small Business Concerns owned and controlled by socially and economically disadvantaged individuals.
 - Small Woman-Owned Business (SWB) Concerns: 0% of total planned subcontracting dollars under this contract will go to subcontractors who are Small Woman-Owned business concerns.
- (b) The following dollar values correspond to the percentage goals shown in (a) above.
 - Total dollars planned to be subcontracted to Small Business: \$0
 - Total dollars planned to be subcontracted to Small Disadvantaged Business: \$0.
 - Total dollars planned to be subcontracted to Small Woman-Owned Business: \$0.
- (c) The total estimated dollar value of all planned subcontracting (to all types of businesses) under this contract is \$0.
- (d) The following principal products and/or services will be subcontracted under this contract, and the distribution among Small and Small Disadvantaged businesses is as follows:

(Products/services planned to be subcontracted to Small Concerns are identified by *; to Small Disadvantaged by **; and to Small Woman-Owned by ***)

None

*Purchased material and equipment

*** Design and supply detection equipment

(ATTACHMENT MAY BE USED IF ADDITIONAL SPACE IS REQUIRED)

- (e) The following method was used in developing subcontract goals (e.g., what source lists were used and what organizations were or will be contacted to obtain SB, SWB and SDB sources?).

No subcontractor used

Indirect and overhead costs ~~have~~**have not been** included in the goals specified in 1(a) and 1(b).

If "have been" is checked, explain the method used in determining the proportionate share of indirect and overhead cost to be incurred with Small Business, Small Woman-Owned Business and Small Disadvantaged Business subcontractors.

2. The following individual will administer the subcontracting program:

_____ n/a _____

This individual's specific duties, as they relate to the firm's subcontracting program, are as follows:

General overall responsibility for review, monitoring and execution of the plan including, but not limited to:

- (a) Obtaining Small Business, Small Woman-Owned Business, and Small Disadvantaged Business sources from all applicable agencies, such as Small Business Administration.
- (b) Assuring inclusion of SB, SWB, and SDB firms in all solicitations, where appropriate.
- (c) Attending or arranging for attendance at Business Opportunity Workshops, Minority Business Enterprise Seminars, and Trade Fairs.
- (d) Conducting or arranging for conduction of motivational training for purchasing personnel pursuant to the intent of Public Law 95-507.
- (e) Monitoring attainment of proposed goals.
- (f) Reviewing solicitations to remove statements, clauses, etc. which may tend to prohibit SB, SWB, and SDB participation.
- (g) Additions to (or deletions from) the duties specified above are as follows:

3. The following efforts will be taken to assure that Small and Small Disadvantaged Concerns will have an equitable opportunity to compete for subcontracts:

- (a) Outreach efforts will be made as follows:
 - Contacts with minority and small business trade associations
 - Contacts with business development organizations
 - Attendance at small and minority business procurement conferences and trade fairs.
- (b) The following internal efforts will be made to guide and encourage buyers:
 - Workshops, seminars and training programs will be conducted.
 - Activities will be monitored to evaluate compliance with this subcontracting plan.

- (c) Small Business, Small Woman-Owned Business, and Small Disadvantaged Business source lists, guides and other data identifying small and small disadvantaged business vendors will be maintained and utilized by buyers in soliciting subcontracts.
- (d) Additions to (or deletions from) the above listed efforts are as follows:

- 4. The Contractor agrees that the clause entitled Utilization of Small Business Concerns and Small Business Concerns Owned and Controlled by Socially and Economically Disadvantaged Individuals will be included in all subcontracts which offer further subcontracting opportunities, and all subcontractors who receive subcontracts in excess of \$500,000 will be required to adopt and comply with a subcontracting plan similar to this one. Such plans will be reviewed by comparing them with the provisions of Public Law 95-507, and assuring that all minimum requirements of an acceptable subcontracting plan have been satisfied. The acceptability of percentage goals shall be determined on a case-by-case basis depending on the supplies/services involved, the availability of potential small and small disadvantaged subcontractors, and prior experience. Once approved and implemented, plans will be monitored through the submission of periodic reports; and/or, as time and availability of funds permit, periodic visits to subcontractor's facilities to review applicable records and subcontracting program progress.
- 5. The Contractor agrees to submit such periodic reports and cooperate in any studies or surveys as may be required by the contracting agency or the Small Business Administration in order to determine the extent of compliance by the Contractor with the subcontracting plan.
- 6. The Contractor agrees that it will maintain at least the following types of records to document compliance with this subcontracting plan:
 - (a) Small, Woman-Owned and Disadvantaged Business source lists, guides and other data identifying SB, SWB, and SDB vendors.
 - (b) Organizations contacted for Small, Small Woman-Owned, and Small Disadvantaged Business sources.
 - (c) On a contract-by-contract basis, records on all subcontract solicitations over \$100,000 indicating on each solicitation: 1) whether small business was solicited; and, if not, why not; 2) whether Small Disadvantaged Business was solicited; and, if not, why not; 3) whether Small Woman-Owned Business was solicited; and, if not, why not; and 4) reasons for the failure of solicited Small Business or Small Disadvantaged Business to receive the subcontract award.
 - (d) Records to support other outreach efforts: contacts with minority and small business trade associations, etc.; attendance at small and minority business procurement conferences and trade fairs.
 - (e) Records to support internal activities to guide and encourage buyers: workshops, seminars, training programs, etc.; monitoring activities to evaluate compliance.
 - (f) On a contract-by-contract basis, records to support award data submitted to the government to include name and address of subcontractor.
 - (g) Records to be maintained in addition to the above are as follows:

Signed:

K. B. Wolfe
Principal
(Title)

Date: 11/15/07

COMPLIANCE GOALS FOR MINORITY PARTICIPATION

<u>FOSSIL PLANTS</u>	<u>COUNTY</u>	<u>GOALS</u>
Allen Fossil Plant Memphis, TN 38109	Shelby	32.3
Bull Run Fossil Plant Clinton, TN 37716	Anderson	6.6
Colbert Fossil Plant Tuscumbia, AL 35674	Colbert	11.9
Cumberland Fossil Plant Cumberland City, TN 37050	Stewart	12.0
Gallatin Fossil Plant Gallatin, TN 37066	Sumner	15.8
John Sevier Fossil Plant Rogersville, TN 37857	Hawkins	2.6
Johnsonville Fossil Plant New Johnsonville, TN 37134	Humphreys	12.0
Kingston Fossil Plant Kingston, TN 37763	Roane	4.5
Paradise Fossil Plant Drakesboro, KY 42337	Muhlenberg	3.5
Shawnee Fossil Plant West Paducah, KY 42086	McCracken	5.2
Watts Bar Fossil Plant Watts Bar Dam, TN 37395	Rhea	8.6
Widows Creek Fossil Plant Stevenson, AL 35772	Jackson	8.6



ATTACHMENT E
CEC'S ESTIMATED PRICING

Appendix E - Pricing

RFP - 20071022 - Preparation of Construction Documents for a Coal Combustion Byproduct Disposal Facility

Kingston Fossil Plant - Harriman, Tennessee

	Estimated Cost
Task 1 - Construction Documents - Drawings & Specifications	\$ 12,000.00
Task 2 - Quantities Estimates and Budget Cost Estimates	\$ 2,700.00
Task 3 - Calculations - Structural	\$ 5,200.00
Task 4 - Calculations - Stormwater and Drainage	\$ 9,200.00
Task 5 - Site Visits	\$ 3,920.00
Task 6 - Meetings and Coordination	\$ 3,675.00
Task 7 - Final Document Preparation	\$ 5,150.00
	\$ 41,845.00

Kingston Steam Plant

TASK LABOR DETAIL

TASK	HOURS	RATE	EXTENDED COSTS
Task 1 - Construction Documents - Drawings & Specifications			
Project Engineer (staff consultant)	40	\$ 75.00	\$ 3,000.00
Project Manager	40	\$ 95.00	\$ 3,800.00
Senior Project Mgr.	40	\$ 130.00	\$ 5,200.00
			\$ 12,000.00
Task 2 - Quantities Estimates and Budget Cost Estimates			
Project Engineer (staff consultant)		\$ 75.00	-
Project Manager	16	\$ 95.00	\$ 2,400.00
Senior Project Mgr.	2	\$ 130.00	\$ 300.00
		Subtotal	\$ 2,700.00
Task 3 - Calculations - Structural			
Senior Project Mgr.	40	\$ 130.00	\$ 5,200.00
Task 4 - Calculations - Stormwater and Drainage			
Project Engineer (staff consultant)	40	\$ 75.00	\$ 3,000.00
Project Manager I	40	\$ 95.00	\$ 3,800.00
Principal	16	\$ 150.00	\$ 2,400.00
			\$ 9,200.00
Task 5 - Site Visits			
Project Engineer (staff consultant)	40	\$ 75.00	
Project Manager I	16	\$ 95.00	\$ 1,520.00
Principal	16	\$ 150.00	\$ 2,400.00
			\$ 3,920.00
Task 6 - Meetings and Coordination			
Project Engineer (staff consultant)	40	\$ 75.00	
Project Manager I	15	\$ 95.00	\$ 1,425.00
Principal	15	\$ 150.00	\$ 2,250.00
			\$ 3,675.00
			Note; 2 people at design review 14 hrs for phone mtgs for 2 people= 28 hrs
Task 7 - Final Document Preparation			
Project Engineer (staff consultant)	40	\$ 75.00	\$ 3,000.00
Project Manager I	10	\$ 95.00	\$ 950.00
Principal	8	\$ 150.00	\$ 1,200.00
			\$ 5,150.00
		TOTAL	\$41,845



ATTACHMENT F

DEMONSTRATION OF FINANCIAL CAPABILITY AND STABILITY



Civil & Environmental Consultants, Inc.

Company Overview



Corporate Headquarters

Since 1989, companies have turned to CEC as a trusted partner. We continue to work on the most challenging and interesting projects delivered by exceptional people.

About CEC

Founded in 1989, Civil & Environmental Consultants, Inc. (CEC) is a company of professionals that embrace three core principles: Senior Leadership, Integrated Services, and Personal Business Relationships. CEC's main focus is on the partnership that we develop and maintain with our clients and business partners. Operational flexibility and the needs of business are key factors in CEC's commitment to fiscally responsible project management.

CEC has a proven track record of providing sound, technological solutions that balance the requirements of compliance and risk. CEC works in the primary practice areas of environmental, civil & site development engineering, ecological, waste management and water resources. These technical consulting and engineering services are delivered to private industry, real estate developers, architects, waste management, legal and public sector clients.

CEC treats every project as a unique deliverable and as such develops project teams that are lead by senior-level personnel with an average over 15 years of experience in their relevant field of practice. As a result, CEC is able to maintain focus on our client's needs and remain responsive to appropriate regulatory requirements and client business objectives. Our professionals believe this philosophy is critical

to a project being completed successfully, on-time and within budget.

Our growth to 10 operating offices in 7 states, with over 450 employees, is the result of the personal business relationships that CEC has developed with clients. CEC has successfully completed projects in 47 states as well as international projects. The diverse experience of our staff includes the management of projects that may begin and end with very basic compliance needs and, can develop, dependent upon our client's needs, with the project concept phase and work through design, permitting and if required, construction. The involvement of our senior level personnel in all phases of our client's projects affords us the opportunity to partner with our clients to achieve successful outcomes.

Our Standard of Quality

All CEC offices deliver our services through a seamless network of professionals who continue to focus on understanding each client's unique objectives. At all times, we are concerned with developing solutions and delivering those solutions while meeting and exceeding a high level of quality. Our offices follow a company-wide set of standards developed to insure a level of quality expected by clients and the markets we practice in. CEC maintains an active position of monitoring, tracking and implementing

- Civil & Site Development Engineering
- Ecological Services
- Environmental Services
- Waste Management
- Water Resources

- Senior Leadership
- Integrated Services
- Personal Business Relationships

Located Nationwide

Chicago, Illinois	877.963.6026
Cincinnati, Ohio	800.759.5614
Cleveland, Ohio	866.507.2324
Columbus, Ohio	888.598.6808
Detroit, Michigan	866.380.2324
Export, Pennsylvania	800.899.3610
Indianapolis, Indiana	877.746.0749
Nashville, Tennessee	800.763.2326
Pittsburgh, Pennsylvania	800.365.2324
St. Louis, Missouri	866.250.3679

Visit us on the web at www.cecinc.com.



Civil & Environmental Consultants, Inc.

Company Overview

changing trends to provide our clients with leading edge solutions. Our goal is to deliver a consistent model of quality and standards, driven by our people, and focused on our clients.

CEC extends our commitment to quality into our hiring practices. We search for people who have a high standard of delivering a quality product that exceeds our client's expectations. At CEC it is our people who bring value and quality to our clients, providing a level of exceptional technical and business solutions that have made us a leader in the consulting engineering, environmental sciences, and geosciences industries.

Environmental Services

- Phase I & II Assessments
- Property Condition Assessments
- Brownfield Services
- Remediation
- Remedial System Design
- RCRA/CERCLA
- Risk Assessments
- Site Characterization
- Air Permitting
- Air Emissions Testing
- Compliance Plans
- Auditing
- Hydrogeology
- Groundwater Modeling
- Storm Water Management
- Environmental Management Systems
- Expert Witness Testimony
- Wetlands Permitting

Senior Leadership
Integrated Services
Personal Business Relationships

Civil & Site Development Engineering

- Predevelopment Site Investigations
- Site Grading/Earthwork Analysis
- Stormwater Management/BMP Design
- Floodplain Studies
- Utility Design/Coordination
- Erosion & Sedimentation Control
- Regulatory Permitting
- Geotechnical Engineering
- Landscape Architecture
- Land Use Planning
- Master Development Planning
- Survey Services
- GPS & GIS Services
- Construction Phase Services
- Structural Engineering

Ecological Services

- Wetland Assessments & Delineations
- Wetland & Stream Mitigation and Monitoring
- Wetland & AMD Treatment
- Fish & Macroinvertebrate Surveys
- Bathymetric/Hydrographic Surveys
- Water Quality & Sediment Surveys
- Endangered Mussel, Bat & Plant Surveys
- Clean Water Act, 316 (a) & (b)
- Aquatic & Terrestrial Habitat Surveys
- Wildlife Surveys
- Ecological Land Restoration
- Ecological Risk Assessment
- Agronomy & Phytoremediation

Waste Management

- Site Selection/Characterization
- Landfill Design & Permitting
- Transfer Station Design & Permits
- CEC-Led Design Build Services
- Hydrogeologic Site Investigations
- Groundwater Monitoring & Management
- Geotechnical Engineering
- Waste Characterization Studies
- Landfill Gas Management
- Air Compliance & Permitting
- Leachate Treatment & Control
- O & M of Control Systems
- Construction Services

Water Resources

- Compliance Audits
- Permit Negotiation
- Watershed Planning & Restoration
- Stormwater Master Planning
- TMDL Modeling & Monitoring
- Stream Assessments & Restoration
- Water Quality & Quantity Modeling
- Stormwater BMP Design & Inspections
- Low Impact Development Design
- Erosion & Sediment Control
- Design & Inspection
- BMP Testing
- Waste Water Treatment
- Leachate Treatment

Civil & Site Development Engineering

Ecological Services

Environmental Services

Waste Management

Water Resources