BE IT REMEMBERED that the Board of Supervisors of Clay County, Mississippi, met at the Courthouse in West Point, Mississippi, on the 7th day of August, 2012, at 9 00 o'clock A M and present were Lynn Horton, Luke Lummus, President, R B Davis, Shelton Deanes and Floyd McKee Also present were Amy G Berry, Clerk of the Board, Bob Marshall, Board Attorney; and Eddie Scott, Sheriff; when and where the following proceedings were had and determined, to-wit

IN THE MATTER OF ADOPTING AND AMENDING THE AGENDA FOR THE BOARD OF SUPERVISORS MEETING HELD ON AUGUST 7, 2012

There came on this day for consideration the matter of adopting and amending the agenda for the Board of Supervisors meeting held on August 7, 2012

It appears to this Board the items listed below need to be added to the agenda for further consideration and discussion

- Volunteer fire trucks
- Request for travel
- Authority to sign the final inspection
- Invoices submitted on NRCS Project

After motion by Lynn Horton and second by Shelton Deanes, this Board doth vote unanimously for the agenda to be adopted as presented and/or the amendments referenced above to be considered by this Board and that such agenda be approved

SO ORDERED, this the 7th day of August, 2012

President

NO
NU

IN THE MATTER OF AUTHORIZING AND APPROVING THE PRESIDENT TO EXECUTE THE AMENDMENT TO PROJECT AGREEMENT NO 68-4423-12-2332, CLAY COUNTY EWP LINE CREEK WATERSHED DEBRIS REMOVAL PROJECT WITH THE NRCS

There came on this day for consideration the matter of authorizing and approving the President to execute the Amendment to Project Agreement No 68-4423-12-2332, Clay County EWP Line Creek Watershed Debris Removal Project with the NRCS

It appears to this Board as attached hereto that the attached Exhibit "A," an Amendment to the Project Agreement No 68-4423-12-2332, Clay County EWP Line Creek Watershed Debris Removal Project with the NRCS, has been presented to this Board for approval and execution based upon the increase in the project costs from \$254,000 00 to \$446,079 00, which was based upon the bids which were accepted by this Board at its regular meeting held on May 24, 2012

After motion made by Floyd McKee and second by R B Davis, the President called for a vote with each Supervisor voting as follows

District 1 Supervisor Lynn Horton voted	"Aye"
District 2 Supervisor Luke Lummus voted	"Aye"
District 3 Supervisor R B Davis voted	"Aye"
District 4 Supervisor Shelton Deanes voted	"Aye"
District 5 Supervisor Floyd McKee voted	"Aye"

THEREFORE, having the majority vote of this Board, the motion carried to approve and authorize the President to execute the Amendment to Project No 68-4423-12-2332, Clay County EWP Line Creek Watershed Debris Removal Project with the NRCS as attached hereto as Exhibit "A"

SO ORDERED, this the 7th day of August, 2012

United States Department of Agriculture



Natural Resources Conservation Service Suite 1321 Federal Building 100 West Capitol Street Jackson MS 39269 Telephone 601 965 5205 Fax 601 965-4940

August 14, 2012

Mr Luke Lummus, President Clay County Board of Supervisors P O Box 815 West Point MS 39773

Dear Mr Lummus

Re Contracting Local Agreement No 68-4423-12-2332, Clay County EWP, Line Creek and Houlka Creek Watersheds Debris Removal

Attached is a fully executed copy of Amendment No 1 to the Project Agreement between the United States Department of Agriculture, Natural Resources Conservation Service and the Clay County Board of Supervisors

Sincerely,

Kurt Readus

Acting State Conservationist

Attachment

cc w/o attachment

Clarence Finley, Acting Assistant State Conservationist (PROG), NRCS, Jackson, MS Matleaner Spann State Administrative Officer, NRCS, Jackson, MS Scott Cuiperson State Conservation Engineer NRCS Jackson, MS

cc w/attachment

Tom Heard, Area Conservationist, NRCS, Tupelo AO, MS Marshall McLaughlin, Supervisory Engineer, NRCS, Tupelo PEO, MS Steve Holman, Supervisory District Conservationist, NRCS, Aberdeen FO, MS Calvin Boyd, Soil Conservation Technician, NRCS, West Point, MS

Helping People Help the Land

An Equal Opportunity Provider and Employer

AMENDMENT NO 1 TO PROJECT AGREEMENT BETWEEN THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE AND CLAY COUNTY BOARD OF SUPERVISORS

Purpose To increase the estimated cost from \$254 000 00 to \$446 079 00 based on lowest responsible bidder and change Item B to A

- Paragraph A is hereby changed to read It is agreed that the following described work is to be performed at an estimated cost of \$446,079 00
- Paragraph B 1 is hereby changed to read Provide 15 percent of the construction cost of the emergency watershed protection measures described in Section B. This cost to the sponsor is estimated to be \$66,911 85
- Paragraph C 1 is hereby changed to read. Provide 85 percent of the construction cost of the emergency watershed protection measures described in Section B. This cost to NRCS is estimated to be \$379,167 15
- 4 All other terms and conditions remain unchanged

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This action authorized at an official meeting of Change Court on the day of August 2012 at ______, State of Mississippi Board of Superisus

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

Acting State Conservationist

Date

8/13/2012

AMENDMENT NO 1 TO PROJECT AGREEMENT BETWEEN THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE AND CLAY COUNTY BOARD OF SUPERVISORS

Purpose To increase the estimated cost from \$254,000,00 to \$446,079,00 based on lowest responsible bidder and change Item **B** to **A**

- 1 Paragraph A is hereby changed to read It is agreed that the following described work is to be performed at an estimated cost of \$446,079 00
- 2 Paragraph B 1 is hereby changed to read Provide <u>15</u> percent of the construction cost of the emergency watershed protection measures described in Section B. This cost to the sponsor is estimated to be <u>\$66,911.85</u>.
- Paragraph C 1 is hereby changed to read Provide <u>85</u> percent of the construction cost of the emergency watershed protection measures described in Section B. This cost to NRCS is estimated to be <u>\$379,167 15</u>
- 4 All other terms and conditions remain unchanged

NI WAS . THE	
CLAY COUNTY BOARDOF SUPERVISORS	This action authorized at an official
By chy	This action authorized at an official meeting of Clay County Board of Superisus on the 1th day of August 2012.
Title Preside 3	at State of Mississippi
Date RD A A A A A A A A A A A A A A A A A A	ATTESPY) ()
Management of the second	Can Diser
	Charles 100
	(Title)

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

Bv _	 	 	
Title	 	 	
Date	 	 	

NO		

IN THE MATTER OF AUTHORIZING PAYMENT OF THE ADMINISTRATIVE FEES INCURRED FOR THE SEVEN (7) CLAY COUNTY NRCS EMERGENCY WATERSHED PROTECTION PROJECTS

There came on this for consideration the matter of authorizing payment of the administrative fees incurred for the seven (7) Clay County NRCS Emergency Watershed Protection Projects

It appears to this Board Calvert-Spradling Engineers has submitted an invoice for engineering fees incurred with the Clay County Debris Removal Project DSR# 28010251101 as attached hereto as Exhibit A in the amount of \$76,652 33

After motion by Shelton Deanes and second by Floyd McKee this Board doth vote unanimously for the said invoice as attached hereto as Exhibit A to be paid to Calvert Spradling Engineers and hereby directs the Clerk of the Board to send the said invoice to the Tombigbee River Valley Water Management District for payment from Clay County's Projects of Local Nature (PLN) fund as approved on the minutes of this Board on July 5, 2012

SO ORDERED this the 7th day of August, 2012

President

Lily

IN THE MATTER OF AUTHORIZING PAYMENT OF THE ADMINISTRATIVE FEES INCURRED FOR THE SEVEN (7) CLAY COUNTY NRCS EMERGENCY WATERSHED PROTECTION PROJECTS

There came on this for consideration the matter of authorizing payment of the administrative fees incurred for the seven (7) Clay County NRCS Emergency Watershed Protection Projects

It appears to this Board Calvert-Spradling Engineers has submitted an invoice for engineering fees incurred with the Clay County Debris Removal Project DSR# 28010251101 as attached hereto as Exhibit A in the amount of \$76,652 33

After motion by Shelton Deanes and second by Floyd McKee this Board doth vote unanimously for the said invoice as attached hereto as Exhibit A to be paid to Calvert Spradling Engineers and hereby directs the Clerk of the Board to send the said invoice to the Tombigbee River Valley Water Management District for payment from Clay County's Projects of Local Nature (PLN) fund as approved on the minutes of this Board on July 5, 2012

SO ORDERED this the 7th day of August, 2012

President

Lefe

Calvert-Spradling Engineers Inc. P O Drawer 1078 West Point MS 39773 662-494-7101

Clay County Board of Supervisors

P O Box 815

West Point MS 39773

invoice number

4388

Date

07/31/2012

Project 212-019 CCBS - NRCS DRAINAGE

Description		Contract Amount	Percent Complete	Pnor Billed	Total Billed	Current Billed
01 Design		57,518 30	100 00	0.00	57 518 30	57 518 30
02 Bid		8,216 90	100 00	0 00	8,216 90	8,216 90
03 Construction		12,325 35	36 00	0 00	4 437 13	4 437 13
04 As-Buits		4 108 45	0 00	0.00	0.00	0 00
05 Special Services		2 000 00	0 00	0 00	0 00	0.00
40 Inspection		18 000 00	36 00	0.00	6,480 00	6,480 00
	Total	102,169 00	75 03	0 00	76 652 33	76 652.33

Invoice total 76,652 33

This is to certify that the charge here made does not exceed the cost to the general public of such item or items in the same quality or quantity

Robert L Calvert, P.E

County Engineer

ExhibitA

EXPENDITURE REPORT #1

CLAY COUNTY BOARD OF SUPERVISORS FOR NRCS DRAINAGE PROJECTS CSE# 212019

July 31, 2012

	THIS MONTH	TOTAL TO DATE	BUDGET	
TLSL, Inc - Site Old Field Creek			73,920 00	- A
TLSL, Inc - Site 2 Line Creek	55,123 20	55,123 20	61,248 00	The are
TLSL, Inc - Site Sewayian Creek #	30,412 80	30,412 80	33,792 00	10
J C Cheek - Site 4 - Praine Creek 5			80,675 00	3 //
TLSL, Inc - Site 5 Little Cane Creek 9			71,808 00_	۔ البید
TLSL, Inc - Site(6) Standing Reed Crk	9		42,636 00	
ERS, Inc - Site 7 - Long Creek 4	73,800 01	73,800 01	82,000 00	
Robertson Excavating - Drainage	49,233 75	49,233 75	133,537 00	
CONSTRUCTION	\$ 208,569 76	\$ 208,569 76	\$ 579,616 00	
Engineering	70,172 33	70,172 33	82,169 00	
Inspection	6,480 00	6,480 00	18,000 00	
Testing			2,000 00	
Legal			8,500 00	
Contingencies			*	
TOTAL COST	\$ 285,222 09	\$ 285,222 09	\$ 690,285 00	

NO

IN THE MATTER OF AUTHORIZING THE PRESIDENT TO EXECUTE FORM NO 270 OF THE NRCS ROAD PROJECT NO 68-4423-12-2331

There came on this day for consideration the matter of authorizing the President to execute the Form No 270 on the NRCS Road Project No 68-4423-12-2331

It appears to this Board that as attached hereto as Exhibit "A" a request for advance reimbursement on the NRCS Road Project has been received and funds are in need of being requested at this time

After motion by Lynn Horton and second by Floyd McKee, this Board doth vote unanimously to authorize the President to execute Form No 270 for the NRCS Road Project No 68-4423-12-2331 in the amount of \$49,233 75 as attached hereto as Exhibit "A"

SO ORDERED, this the 6th day of August, 2012

President

CALVERT-SPRADLING ENGINEERS, INC CONSULTING ENGINEERS

PERIODIC ESTIMATE FOR PARTIAL PAYMENT

AMOUNT DUE

ROBERTSON EXCAVATING

P O BOX 402

WINFIELD AL 35594

FOR

CLAY DRAINAGE ESTIMATE NO 1

CLAY CO

CONTRACT AMT \$ 133,537 00

% COMPLETE 40 96

FROM

7-9-12 TO 7-31-12

FILE nrcs#9 est

PAGE 1

L TTE	III CS#3	CBL							FAGE .	L
DESCRIPTION		CONTI			OWED DATE			NIT ICE	AMO	UNT
MOBILIZATION		_	s	100	000	LS	15997	00	15997	00
CLEAR-GRUBBING		I	S	75	000	L S	12880	00	9660	00
BORROW EXC		3950	000	2500	000	CY	7	45	18625	00
EXCESS EXC		220	000	C	000	CY	6	50	0	00
GEOT FABRIC STAB		875	000	305	000	SY	3	00	915	00
GRAN MATERIAL		225	000	C	000	TON	29	35	0	00
CLASS B CONC		12	500	C	000	CY	308	00	0	00
12" BIT PIPE		40	000	C	000	LF	26	00	0	00
24" BIT PIPE		370	000	C	000	\mathtt{LF}	68	50	0	00
FILTER MATERIAL		155	000	36	000		20	00	720	00
MAINT TRAFFIC		I	S	28	000		2000	00	560	00
AGR LIMESTONE			100	C			100	00	0	00
COMM FERTILIZER		0	550	C			600	00	0	00
AMMONIUM NITRATE		0	840	C	000	•	800	00	0	00
SEEDING		1	100	C			280	00	0	00
EXCELSIOR BLANKET	7	2675	-	C			1	25	0	00
TEMP SILT FENCE		500		200		•	4	00	800	00
EROSION CHECKS		50	000	C			10	00	0	00
WATTLES 20"		300	000	C		 -	5	00	0	00
RIPRAP 200#		525	000	190	440	TON	39	00	7427	16
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This Estimate Cer	rtified	Corre	ct	I	ESS	10 % RE	TAINAGE		5470	41
	1			J	'OTAL	AMT DUE	TO DAT	E	49233	75
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CALVERT-SPRADLING	ENGRS	, INC		I	MT D	UE THIS	ESTIMAT	Ε	49233	75
1										

NO		

IN THE MATTER OF ACCEPTING ASBESTOS PROPOSALS FOR THE 2010 HOME PROJECT GRANT NO 1123-11-SG-280-181

There came on this day for consideration the matter of accepting asbestos proposals for the 2010 HOME Project Grant No 1123-11-SG-280-181

It appears to this Board that at the regular meeting of the Board held July 26, 2012, asbestos proposals were opened and taken under advisement pending review by the Golden Triangle Planning & Development and, at this time, the Golden Triangle Planning & Development is recommending Pearson Environmental Services to be the best asbestos proposal to be accepted by this Board

After motion by Shelton Deanes and second by Lynn Horton, this Board doth vote unanimously to accept Pearson Environmental Services as the asbestos inspector for the HOME Project Grant with the said bid being attached hereto as Exhibit "A" and to authorize the President to execute the Asbestos Inspector Contract with Pearson Environmental Services as attached hereto as Exhibit "B"

SO ORDERED, on this the 7th day of August, 2012



PO BOX 5422 COLUMBUS MS 39704

July 23, 2012

Golden Triangle Planning and Development District, Inc Attn Ms Patsy Patterson P O Box 828 Starkville, MS 39760-0828

RE Asbestos Inspection and Testing Four Residential Houses Clay County, Mississippi

Dear Ms Patterson

As requested, we are pleased to provide this proposal and fee quotation to perform asbestos surveys at four (4) residential houses in Clay County, Mississippi as part of the Mississippi Development Authority HOME program Current DEQ Certifications are attached as specified in your letter

The sampling will be from visible/accessible materials that are considered suspect for asbestos. No demolition of building components or surfaces will be performed to search for potentially hidden or unknown materials. (Example voids and inaccessible locations, e.g. behind walls, above hard ceilings, etc.)

SCOPE OF SERVICES

A summary of services to be provided follows

- 1 On-site inspection to identify visible and accessible materials that are suspect for asbestos content
- 2 Collecting bulk samples by homogenous groupings
- 3 Analysis of bulk samples by a certified NVLAP laboratory
- 4 Prepare and submit copies of a final report to explain all survey findings, summarize testing results, and present laboratory data sheets

PO BOX 5422 COLUMBUS MS 39704 5422 PHONE (662) 328 2286 FAX (662) 327 9551

FEE PROPOSAL

Furnish professional labor services, mobilization, collection of samples, laboratory fees for analytical services, and a final report for the total sum of ------\$2,800 00

Please call if you have any questions

Sincerely,

Environmental Evaluation & Control, Inc

Sam J Robinson

SJR/sl

Attachments

• 53

- ENVIRONMENTAL EVALUATION & CONTROL -

Environmental Evaluation and Control, Inc (EEC, Inc.)

P O Box 5422 Columbus Mississippi 39704

662-328-2286 Fax 662-327-9551

e-mail environmentaleva@bellsouth net

Resume Of Principal

Sam J Robinson	Asbestos Management Planner Contractor Supervisor, Inspector		Years with Firm	
Education		Active Registrat	ion	
BBA (Economics) Ur	niversity of Mississippi (1963)	MDEQ Asbestos	Contractor	
MCP (Masters/Urban Planning) Univ of MS (1967)		MDEQ Asbestos Management Planner		
•	` '	MDEQ Asbestos		
(Yearly Continuing E	ducation / Training Courses	MDEQ Asbestos		
	l) - University of Alabama)	MDEQ Lead Insp	ector	

Other Experience and Qualifications

- Registered Environmental Property Assessor (National Registry of Environmental Professionals)
- 2) Since 1992 REPA Certificate No 2835
- Over 70 Training Programs in Asbestos since 1983

Environmental Lead Risk Assessor/EPA Curnculum

University of Alabama 1996/2011

- 4) Environmental Lead Hazard Inspector /EPA Curnculum Univ of Ala 1996 / 2006
- 5) 40-Hour HAZWOPER in accordance with 29 CFR 1910 120 Miss State
- 6) Univ 2003 Indoor Air Quality Association (IAQA) Membership since 2006

Other Key Personnel

1 Ron G Robinson

Active Registration First Year Registered

MDEQ Asbestos Supervisor 1991 MDEQ Asbestos Inspector 1991

Other Experience and Qualifications

- EPA Recognized Certifications in Asbestos Inspections Lead-Based Paint Inspections and Lead Risk Assessments
- Extensive experience and field duties in project supervision asbestos inspections lead-based paint inspections since 1987
- 3) Reproduction graphics CAD and computer system operations for the company

2 George A Jackins, P E

Education

B S Mechanical Engineering

Active Registration

P E Registration effective in Mississippi Alabama, Tennessee Georgia and Florida Other Experience and Qualifications

- Member National Energy Management Committee of the American Society of Heating Refrigeration and Air Conditioning
- 2) Extensive experience in reviews of asbestos abatement plans to determine soundness from engineering prospective
- 3) MDEQ Certified a Asbestos Designer in Mississippi
- 4) Co-recipient of "Grand Award for Engineering Excellence for work performed at the Alabama Power Company's Headquarters Building in Birmingham Alabama

State of Mississippi

Department of Environmental Quality
Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Sam J. Robinson

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted thus

Asbestos Inspector

Certification

Certificate No ABI-00002129 Expiration Date Dec 2nd, 2012 Training Expires on Dec 2nd, 2012 Chief, Certification Branch

ime & Oable

40532 LIC20110005

State of Mississippi

Department of Environmental Quality
Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Ron Robinson

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00001499 Expiration Date May 15th, 2013 Training Expires on May 15th, 2013 Chief, Certification Branch

40563 LIC20120002

PROPOSED SCOPE OF SERVICES FOR ASBESTOS INSPECTIONS

Submitted to

Clay County Board of Supervisors P O Box 815 West Point, MS 39773

Submitted by

ENVIRONMENTAL MANAGEMENT PLUS, Inc P O Box 9361 Jackson, Mississippi 39286-9361 (601) 922-1919 fax (601) 922-1979

Contact
Alfred L Martin
MS DEQ Asbestos Certification # ABI-1570

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	1 1 Most Recent Asbestos and Lead-Based paint related projects	
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1 0 QUALIFICATIONS

ENVIRONMENTAL MANAGEMENT PLUS, INC (EMP) is pleased to provide this Proposed Scope of Service and Cost Estimate to provide Asbestos Inspections for project listed Clay County Mississippi 2011 HOME Rehabilitation Project EMP is a DBE environmental consulting firm headquartered in Jackson Mississippi EMP is committed to providing the highest quality environmental services to our clients EMP is an environmental and industrial hygienist firm which meets needs in a wide array of services including

1 Asbestos Inspections, Asbestos Abatement,
Abatement Plans, Specifications and Designs, Air Monitoring

2 Management and Administrative Consulting

EMP proposes to utilize Alfred L Martin Jr and Paul Anderson as the Project Coordinator and Industrial Hygienist respectively E MP has experience performing similar or exact work We are very familiar with the environmental issues with respect to public and private facilities and will coordinate the asbestos and lead-based paint surveying in accordance with 40 CFR Part 61 National Emissions Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision Final Rule

In reference to HOME programs, EMP has worked with numerous municipalities and Planning and Development Districts on these type programs Therefore EMP is very familiar with all applicable guidelines and reporting procedures Please note below

2 0 Experience (HOME, CDBG, and other federal)

Over the past years, EMP has worked with over 35 separate communities, towns, cities and counties conducting asbestos and Lead-Based Paint inspections, preparing Plans and Specifications, Abatement and conducting Abatement Air Monitoring and Oversight.

Most recent Projects for Towns, Cities or other municipals

Columbia Ellisville

Crawford Coahoma County
Sidon Copiah County
Booneville Yazoo County
Tate County Jackson
Jefferson County Itta Bena
Greene County Lula

Cruger Holmes County

Sandersville Marshall County

Doddsville Arcola
Ethel Courtland
Drew Artesia
Crenshaw Lambert

OTHER RELATED PROJECTS

The following section highlights recent clients and type of work performed.

<u>MS DEPARTMENT OF TRANSPORTATION</u> - EMP has conducted inspections, prepared Plans and Specifications, and conducted Abatement Air monitoring and Oversight.

Most recent Projects

- * Pike County I-55 Welcome Center, District Headquarters
- * Hinds County Cynthia Road project
- * Washington County ROW project
- * Jefferson County Fayette maintenance shed
- * Neshoba County District Headquarters, SR 16 and SF 19
- * Prentiss County Booneville project

STATE

STATE OF MISSISSIPPI - BUREAU OF BUILDINGS - EMP has worked with the BOB and architectural firms conducting inspections, preparing Plans and Specifications, Abatement and conducting Abatement Air Monitoring and Oversight.

- * Capitol Complex Project including the Sillers Building, Supreme Court building, and Sanford building renovations project.
- * MS School for Blind and Deaf Campus Wide renovation
- * Coahoma County Higher Education renovation
- * MS Valley State University Various projects
- * Alcorn State University Bowles Hall renovation
- * Jackson State University Various projects

References can be provided upon request which will include contact, addresses and phone numbers

3 0 QUALIFICATIONS OF PERSONNEL

KEY PERSONNEL MOOT ASBESTOS REQUIRED CERTIFICATIONS

Alfred Martin, Jr

MSDEQ -

Asbestos Inspector, Asbestos Air Monitor

Asbestos Supervisor, Asbestos Contractor

Lead-Based Paint Inspector, Supervisor, Risk

Assessor, and Contractor

Other training

Certified Project Manager, Chief Environmental Consultant, Environmental Site Assessor, Underground Storage Tank Remediation and Management, Soil Investigations, HAZ-MAT, HAZ-Whopper, Mold Assessment and Remediation,

NIOSH 582

Paul Anderson

MSDEQ - Asbestos Inspector

Asbestos Air Monitor Asbestos Supervisor Asbestos Contractor

Asbestos Operations Manager, NIOSH 582 Air Monitoring Manager, Asbestos Inspections, Advanced Abatement Management, Abatement Contractor and Supervisor, HAZ-MAT

Earl Brown

CADD designer

Martha Kelley

MSDEQ - Asbestos Inspector

Asbestos Supervisor Asbestos Contractor

Asbestos Supervisor, Asbestos Abatement Manager, Inspector, HAZ-MAT Trained

ClayCoasbpro

3

4 0 PROPOSED WORK SCHEDULE

E.M P will schedule with the homeowners a mutually agreed upon time to inspect the properties

Once scheduling is agreed upon and appointments set, EMP can test and prepare individual reports for the properties in a timely manner

5 0 OFFERER'S UNDERSTANDING/PROJECT ACTIVITIES

As outlined in the "Request for Proposals", the Consultant will perform at a minimum the following services

- A Inspect houses for the presence of Asbestos Containing Materials (ACM's)
- B Work closely with Clay County and other relevant entities
- C Work with individual homeowners in establishing a time and date when testing can take place.
- D Will submit all required paperwork to DEQ and will retain all required certification from DEQ during the program period.
- E Provide recommendations for the removal of asbestos if it is present.
- F Submit report
- G Provide consultative services as needed

6 0 ESTIMATED COST OF SERVICES

EMP will perform the aforementioned scope of services for the following cost

Asbestos Inspection

\$425 00 per house

7 0 INVOICING AND PAYMENT TERMS

Environmental Management Plus, Inc. will invoice client upon report submission or on a monthly, quarterly or pre-agreed upon term.

8 0 Other Qualifications

Has \$1,000,000 00 in Professional Liability and Pollution Liability insurance

- 8 1 Certifications of Personnel
- * ASBESTOS INSPECTORS AND SURVEYS
- * NIOSH 582-SAMPLING AND EVALUATING AIRBORNE ASBESTOS DUST
- * EPA/AHERA APPROVED ASBESTOS INSPECTION AND ASSESSMENT
- * INSPECTING FOR LEAD HAZARDS
- * LEAD-BASED PAINT RISK ASSESSMENT
- * SUPERVISION OF ASBESTOS ABATEMENT PROJECTS
- * ADVANCED SUPERVISION OF ASBESTOS ABATEMENT PROJECTS
- * MANAGEMENT PLANNING
- * HAZARDOUS WASTE TRAINING COURSE
- * SUPERVISORS OF HAZARDOUS WASTE/ OSHA 29, CFR 1910 120
- * AIR MONITORING (NIOSH 582)
- * PROJECT DESIGN
- 8.2 Certifications of Laboratory
- * (NVLAP) AIRBORNE ASBESTOS FIBER ANALYSIS
- * (NVLAP) BULK ASBESTOS FIBER ANALYSIS
- * (AMERICAN INDUSTRIAL HYGIENE ASSOCIATION) INT ASBESTOS TESTING
- * NIOSH/(PAT)-PROFICIENCY ANALYTICAL TESTING PROGRAM
- * ELPAT-ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING

- * NATIONAL ASBESTOS COUNCIL
- * AMERICAN SOCIETY FOR TESTING AND MATERIALS

90 BELOW LIST OTHER ASBESTOS RELATED PROJECTS

FEDERAL

GENERAL SERVICES ADMINISTRATION - EMP served as primary environmental consulting for new courthouse project as well as on other projects across state.

- * New Federal Courthouse project Gulfport, MS
- * Clarksdale, MS site
- * McCoy Federal Building
- * Meridian Naval Air Station (NAS) EMP provided asbestos inspections, abatement and air monitoring services
- * Keesler Air Force Base, Biloxi, MS EMP provided asbestos inspections, abatement and air monitoring
- * Vicksburg Army Corps of Engineers EMP provided asbestos inspections, abatement and air monitoring

LOCAL/PUBLIC

LOCAL MUNICIPALITIES - EMP served as the asbestos consulting firm performing inspections, plans and specifications and air monitoring services

- * City of Jackson
 - City Hall renovation
 - Thalia Mara Hall mechanical renovation
 - Planetarium mechanical renovation
 - Union Train Station renovation
 - White Rock Apartment Complex
 - Metro Parkway Project
- * City of Meridian Meridian Parking Garage
- * City of Natchez
- * Region V Housing Authority
- * Aberdeen Housing Authority
- * Jackson Municipal Airport Authority

SCHOOL DISTRICTS - EMP provided asbestos inspections, abatement and air monitoring services

- * Jackson Public Schools
- * Oktibbeha County Schools
- * Meridian Public Schools
- * Hattiesburg Public Schools
- * St. Andrews Episcopal School
- *Warren County Schools

PRIVATE SECTOR

PRIVATE PROJECTS - EMP provided various asbestos consulting and remediation services

- * Jackson Medical Mall Foundation Overall Environmental (Asbestos) Consultant
- * Braves Baseball Stadium Asbestos Inspections, plans and specifications development, and air monitoring services
- * Georgia Pacific Asbestos Inspections, plans and specifications development, abatement and air monitoring
- * Cooper Lighting Asbestos Inspections, plans and specifications development, abatement and air monitoring

as well as numerous other asbestos professionals and abatement contractors across the state.

10 0 AUTHORIZATION STATEMENT AND NOTICE TO PROCEED

EMP looks forward to providing services to the Clay County, Mississippi Board of Supervisors Upon issuance and receipt of "NOTICE TO PROCEED", Environmental Management Plus, Inc. will schedule the proposed project. EMP, Inc. understands the work is to be completed within a pre-determined schedule of time.

Please sign following authorization statement or provide some other form of written authorization to acknowledge acceptance of this proposal.

SUBMITTED BY Alfred L. Martin, Jr, Ph D Environmental Management Plus, Inc. Alfred L. Martin, Jr	
President/Senior Asbestos Manager	
ACCEPTED AND APPROVED BY	
ACCEPTED AND AND THOU EET	
Name and Title	Date

State of Mississippi

Department of Environmental Quality

Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,

Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Alfred L Martin Ph.D.

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00001570 Expiration Date May 3rd, 2013 Training Expires on May 3rd, 2013 Chief, Certification Branch

40703 LIC20120001

EnviroRem, Inc. Consulting Division

Phase I & II ESA, OSHA, Mold, Lead, Asbestos and IH Consulting Asbestos Inspection Proposal

Date	July 24, 2012
Fax No	
Phone	662-561-4100

Proposal To
Clay County Board of Supervisors
205 Court Street
West Point, Mississippi
Attention Ms Teresa Ware

Project Name / Location
HOME Grant Asbestos Inspections
Clay County
Asbestos Inspection of Four Homes

Dear Ms Ware

EnviroRem, Inc , (EI) is pleased to submit the following related to the aforementioned project. All work will be done in strict accordance with all applicable federal, state and local rules & regulations

Sampling Estimates

Estimate sampling strategy is based upon up to twenty-two (22) samples per structure Number of structures is understood to be four (4) total. Sampling strategy shall be comprehensive in nature and follow general AHERA guidelines and judgment of the Licensed Asbestos Inspectors, generally following three (3) samples per homogeneous area.

Field diagrams noting sampling locations will be provided in report appendices Reports are proposed as digital format and delivered via email to client

Samples will be shipped to EMSL St. Louis, a NVLAP accredited asbestos laboratory for Phased Light Microscopy (PLM) analysis of retained bulk samples. Shipping charges to be borne by EI

General Scope of Work

EnviroRem, Inc (EI) will furnish all materials, equipment, labor, and supervision required for comprehensive survey of asbestos containing materials as described in the Sampling Estimates section of this Proposal

- -Statement of Qualification (SOQ) for assigned personnel are attached
- -Project vita is included within SOQ
- -Availability shall be provided within 5 days of notice to proceed excluding weekends and holidays

Project Pricing

\$4,620 00 Lump Sum for 4 structures

1715 Lochearn Road Memphis, Tennessee 38116 Telephone 901 345 0000 Fax 901 345 0015

Project Notes

- EI maintains \$5,000,000 General Liability and \$1,000,000 Auto Liability insurance coverage
- 2 This Proposal includes freight charges to EMSL, borne by EL
- 3 This Proposal does not include buildings beyond those delineated without consent of both parties
- 4 This Proposal is only for assessment of ACMs and their subjective condition and quantities only
- 5 This Proposal includes required labor, transportation, and materials sufficient to provide 4 AHERA compliant Limited Asbestos Surveys (LAS)
- Any alteration or deviation from the above specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above the estimate
- 7 All agreements herein are contingent upon strikes, accidents, or delays beyond EI's control
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- 9 Payment terms are net 30 days If not paid within these terms, 1 5% interest per month will be added

EnviroRem, Inc greatly appreciates you inviting us to provide you with this pricing and hopes to have the opportunity to work with you on this and other projects

Please do not hesitate to call if any additional information is needed

Sincerely, EnviroRem, Inc. Consulting Division

Will D Brown

Will D Brown
Vice President of Consulting Operations

Acceptance of Proposal

Accepted By	
Signature	_
Title	
Date	
PO Number (if required)	

630

WILLIAM D. BROWN

PROJECT MANAGER

SUMMARY

Six years of progressive management and marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

ENVIROREM, INC. - MEMPHIS, TENNESSEE

PROJECT MANAGER - JANUARY 2009 - CURRENT

Manage projects including bidding design, scheduling, purchasing, subcontracting customer service, accounts receivable reports and collections

ATC Associates, Inc. • Memphis, Tennessee

ENVIRONMENTAL SCIENTIST SEPTEMBER 2006 - JANUARY 2009

Developed operating budget for abatement and industrial service lines based on detailed forecasts and managed to operate effectively within the operating budget. Managed project including bidding design scheduling, purchasing subcontracting, customer service accounts receivable reports including collections.

CERTIFICATIONS

Asbestos Building Inspector

Asbestos Contractor Supervisor

Asbestos Management Planner

Asbestos Project Designer

EPA Lead Renovate Right Instructor

Lead Inspector

OSHA 1910 32-Hour

First Aid / CPR

OSHA 40-Hour Haz Waste Operations

Microbial Inspector

Microbial Remediation Supervisor

Phase I ESA Workshop

Confined Space Entry

EDUCATION

University of Memphis

Bachelor of Science - Environmental Biology & Chemistry August 2006

REPRESENTATIVE PROJECTS

INDUSTRIAL HYGIENE STUDY, ARLINGTON, TN - OSHA STUDY

A National Manufacturer located in Arlington TN required systematic study of various concerns of a welding, dipping, and painting operation. Concerns ranged from nuisance dusts to gaseous by products and VOCs. Resulting study yielded a graphic representation for various OSHA PEL concerns by working area and collected lab results. Client increased ventilation or used direct capture methods to be OSHA compliant.

AIR EMISSIONS TESTING, HORN LAKE, MS - TITLE V EMMISSIONS STUDY

A food manufacturing plant required fugitive gas confirmation to assist in efficiency planning of a recycled gas furnace. Humidity, temperature, velocity, particulates, and VOC content were considered.

INDUSTRIAL HYGIENE RESPONSE CONSULTING - INDUSTRIAL OVERSIGHT LEAD

Acted as professional onsite consultant for various oil refineries during shutdown and turnaround operations. During job planning and performance facilities required in situ assessment of various hazards work practice planning, job exposure monitoring, and reporting. Responsibility of approximately 5 000 on site contractors occurred during a regular shutdown operation.

ACM REMEDIATION PROJECT, MEMPHIS, TN - OVERSIGHT

A national client, after purchasing a tract containing 55 buildings, and approximately 600 apartments required ACM remediation prior to demolition per local codes. Client retained services to act as representative, provide closure reporting, area monitoring to be submitted to the local environmental office quality control and act as general health and safety supervisor for a third party contractor performing the remediation.

ACM REMEDIATION PROJECT, MILLINGTON, TN - OVERSIGHT

A former fertilizer plant undergoing realignment required asbestos assement and abatement of approximately 1.5 million linear feet of insulated pipe runs, transite siding, and asbestos containing floor tile. Contract was extended from basic processes and storage tanks to all processes within the 100 acre industrial facility. Local regulatory agency praised onsite procedures and adaptations to minimize airborne concentrations of asbestos fibers.

CLOSURE MANAGEMENT STUDY, SELMER, TN - CERCLIS LISTING

Prior to planed closure client requested environmental studies, wetlands, ACM, LBP, radon, drinking water, and permitting. To ascertain potential costs associated with closure/redevelopment Facility, constructed in mid 1950's contained ACM products, a wetland to the rear of the property, and lacked several required permits. An obscure marine silt deposit formation with limited permeability limited potential for contaminants to migrate from the site.

AQUATIC BIOREMEDIATION, PICKWICK, TENNESSEE - PRO BONO

Development upstream led to increased rate of eutrophication in a 4 acre residential lake BOD sampling indicated that the TSS material was both serving as a food source and substrate for microbes PCR of selected genomic material and transformation of native *Cyanobacter* increased oxygen levels and competed with opportunistic bacteria. Seeding a holding area with *Lemna minor* acted as a biologic filter to offset nutrient loading

State of Mississippi

Department of Environmental Quality Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

William D Brown

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00003088 Expiration Date Aug 1st, 2012 Training Expires on Aug 1st, 2012 Chief, Certification Branch

54066 LIC20110002

CHARLES E. POWELL

OPERATIONS MANAGER

SUMMARY

Nineteen years of progressive Supervision, Management, Training and Marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

ENVIROREM, INC - MEMPHIS, TENNESSEE

OPERATIONS MANAGER - NOVEMBER 1994 - CURRENT

Manage projects including bidding, design scheduling, purchasing subcontracting customer service, accounts receivable reports and collections. Direct supervision of Supervisors, Project Superintendants, Project Managers located in the Memphis and Orange Beach/Pensacola Offices.

PERMA-FIX ENVIRONMENTAL SERVICES • MEMPHIS, TENNESSEE

MARKETING / HAZ-MAT TECHNICIAN - JANUARY 1991 - NOVEMBER 1994

Coordinated sales and marketing activities for the Technical Services Division Met with clients to conduct initial survey of facilities for Hazardous Waste disposal and assisted in collection of samples to properly identify waste streams. Assisted clients in properly completing all required paperwork so that the waste can be properly disposed.

CERTIFICATIONS

AHERA Asbestos Building Inspector

AHERA Asbestos Contractor Supervisor

Blood-Borne Pathogen Training

Confined Space Entry

Certified Renovator (Lead RRP)

 Asbestos Mold & Lead RRP "Train the Trainer" First Aid / CPR

OSHA 40-Hour Haz Waste Operations

Microbial Inspector

Microbial Remediation Supervisor

Phase I ESA Workshop

EDUCATION

University of Memphis

BA Business Administration • 1987

SHELBY STATE COMMUNITY COLLEGE • MEMPHIS, TN

Associates Business Administration 1981

REPRESENTATIVE PROJECTS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION - RIGHT OF WAY DIVISION

Asbestos Abatement of multiple structures acquired by the MDOT and included in Right of Way clearing projects. Abatement included friable and Non-Friable materials. Coordination of air monitoring and clearance testing performed by an independent third party firm, transportation and disposal of generated waste.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION – RIGHT OF WAY DIVISION

Demolition of multiple structures acquired by the MDOT and included in Right of Way clearing projects. Included acquiring all required permits including coordinating landfill acceptance disconnecting and removal of utilities, demolition of the structure transportation and disposal of construction debris close out of parcels after structures were removed.

University of Tennessee at Martin

Asbestos Abatement of friable and non-friable materials from multiple dormitories located on campus included scheduling and management of work crews acquisition of required materials and equipment transportation and disposal of waste coordination of air monitoring and clearances performed by an independent third party firm

SABANA SECA NAVY BASE • PUERTO RICO

Asbestos Inspection and Sampling followed by Asbestos Abatement of forty five (45) Naval housing structures Work consisted of inspection and sampling of suspect asbestos containing materials prepared required Bulk Sample Chain of Custody and delivered samples to laboratory for analysis, received Bulk Sample Analysis Reports and prepared Summary Analysis findings and information for Navy and General Contractor proper removal and disposal of asbestos containing roofing materials floor tile and associated mastics from housing units. Work was performed in shifts to expedite completion of the project due to excessive heat during the day completed on time and within budget

ROOSEVELT ROADS NAVY BASE - PUERTO RICO

Asbestos Abatement of friable and non-friable materials from one Training building including removal transportation and disposal of materials

NAVAL CONSTRUCTION BATTALION • GULF PORT, MISSISSIPPI

Asbestos Abatement of six (6) building situated on approximately 25 acre parcel of property Abatement of both friable and non-friable materials so that upon completion of the abatement activities the buildings could be demolished. Once the buildings were demolished the slabs footers and foundation walls were removed due to chlordane contamination. Remaining soil was encapsulated in place and the site was restored to grade and hydro seeded

Wal-Mart Department Stores – Various Locations

Performed Asbestos Sampling from stores located throughout the Midwest and Southern states Asbestos abatement of primarily non-fnable flooring materials included scheduling and management of work crews acquisition of required materials and equipment, transportation and disposal of waste, coordination of air monitoring and clearances performed by an independent third

McKee Foods - Collegedale, TN

Asbestos Abatement of friable and non-friable materials from various locations throughout a foods manufacturing facility including oven insulation materials pipe insulation and fittings wall materials flooring materials. Duties included scheduling and management of work crews acquisition of required materials and equipment, transportation and disposal of waste, coordination of air monitoring and clearances performed by an independent third party firm

Proctor and Gamble Manufacturing Facility – Jackson, TN Asbestos Inspections and Sampling and Asbestos Abatement of fnable and non-fnable materials from various locations throughout a manufacturing facility. Asbestos inspections and Sampling included review of historical documentation with appropriate Engineer, obtain bulk samples of suspect materials prepared required Bulk Sample Chain of Custody and delivered samples to laboratory for analysis received Bulk Sample Analysis Reports and prepared Summary Analysis findings and information for Client. Asbestos Abatement include all duties required for abatement of friable and non-friable materials located in various locations throughout the facility. Duties included scheduling and management of work crews, acquisition of required materials and equipment, transportation and disposal of waste coordination of air monitoring and clearances performed by an independent third party firm

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> 1715 Lochearn Road • Memphis, Tennessee 38116 Phone (901)345-0000 • Fax (901)345-0015

State of Mississippi

Department of Environmental Quality

Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Charles E. Powell

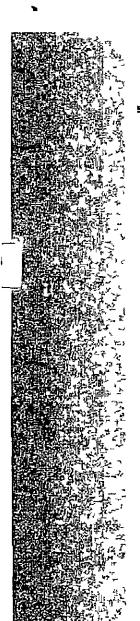
Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00002180 Expiration Date Aug 1st, 2012 Training Expires on Aug 1st, 2012 Chief, Certification Branch

40681 LIC20110001



EnviroRem, Inc. Consulting Division

Phase I & II ESA, OSHA, Mold, Lead, Asbestos and IH Consulting

Asbestos Inspection Proposal

Date	July 24, 2012
Fax No	
Phone	662-561-4100

Proposal To
Clay County Board of Supervisors
205 Court Street
West Point, Mississippi
Attention Ms Teresa Ware

Project Name / Location HOME Grant Asbestos Inspections Clay County Asbestos Inspection of Four Homes

Dear Ms Ware

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Sampling Estimates

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1715 Lochearn Road Memphis, Tennessee 38116
Telephone 901 345 0000 Fax 901 345 0015

Project Notes

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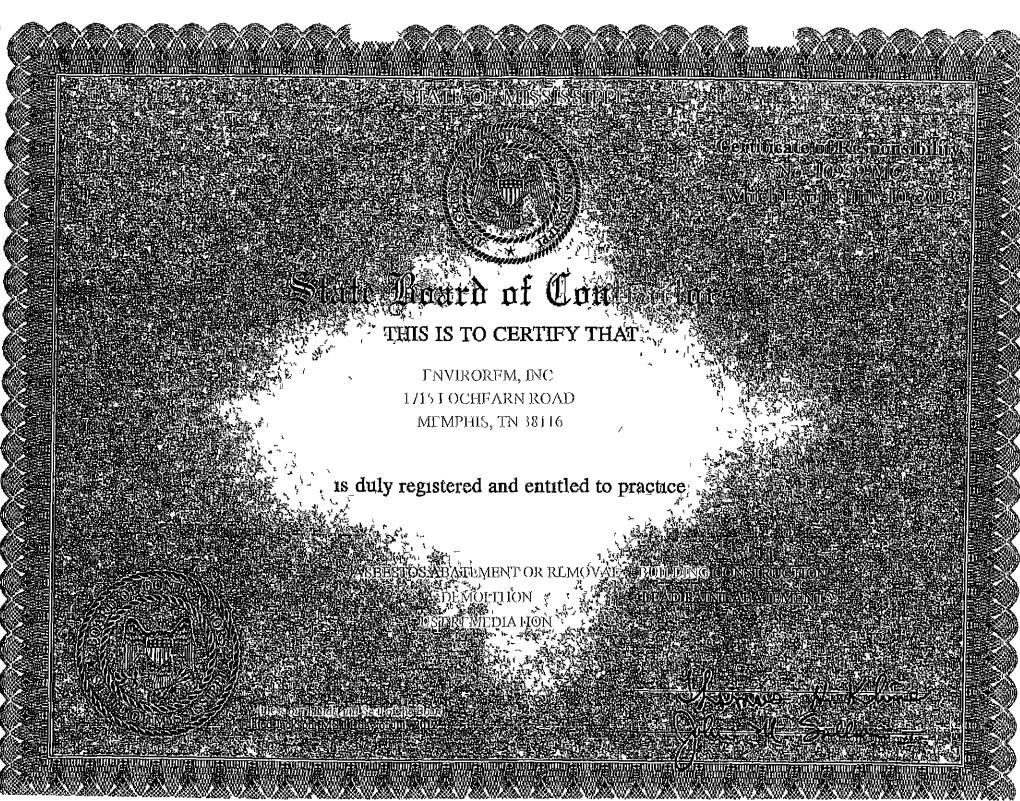
Sincerely, EnviroRem, Inc Consulting Division

Will D Brown

Will D Brown
Vice President of Consulting Operations

Acceptance of Proposal

Accepted By	<u> </u>	
Signature		
Title		
Date		
PO Number (if required)		



WILLIAM D. BROWN

PROJECT MANAGER

SUMMARY

Six years of progressive management and marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

ENVIROREM, INC - MEMPHIS, TENNESSEE

PROJECT MANAGER - JANUARY 2009 - CURRENT

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CERTIFICATIONS

Asbestos Building Inspector

Asbestos Contractor Supervisor

Asbestos Management Planner

· Asbestos Project Designer

EPA Lead Renovate Right Instructor

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OSHA 40-Hour Haz Waste Operations

Microbial Inspector

Microbial Remediation Supervisor

Phase I ESA Workshop Confined Space Entry

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REPRESENTATIVE PROJECTS

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State of Mississippi

Department of Environmental Quality

Office of Pollution Control

Certificate of Licensure

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Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

William D Brown

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Asbestos Inspector

Certification

Certificate No ABI-00003088 Expiration Date Aug 1st, 2012 Training Expires on Aug 1st, 2012

54066 LIC20110002

Chief, Certification Branch

CHARLES E. POWELL

OPERATIONS MANAGER

SUMMARY

Nineteen years of progressive Supervision, Management, Training and Marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

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Asbestos Abatement of multiple structures acquired by the MDOT and included in Right of Way clearing projects Abatement included friable and Non-Friable materials Coordination of air monitoring and clearance testing performed by an independent third party firm, transportation and disposal of generated waste

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State of Mississippi

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Charles E. Powell

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40681 LIC20110001

EnviroRem, Inc. Consulting Division

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- 9 Payment terms are net 30 days If not paid within these terms, 1 5% interest per month will be added

EnviroRem, Inc greatly appreciates you inviting us to provide you with this pricing and hopes to have the opportunity to work with you on this and other projects

Please do not hesitate to call if any additional information is needed

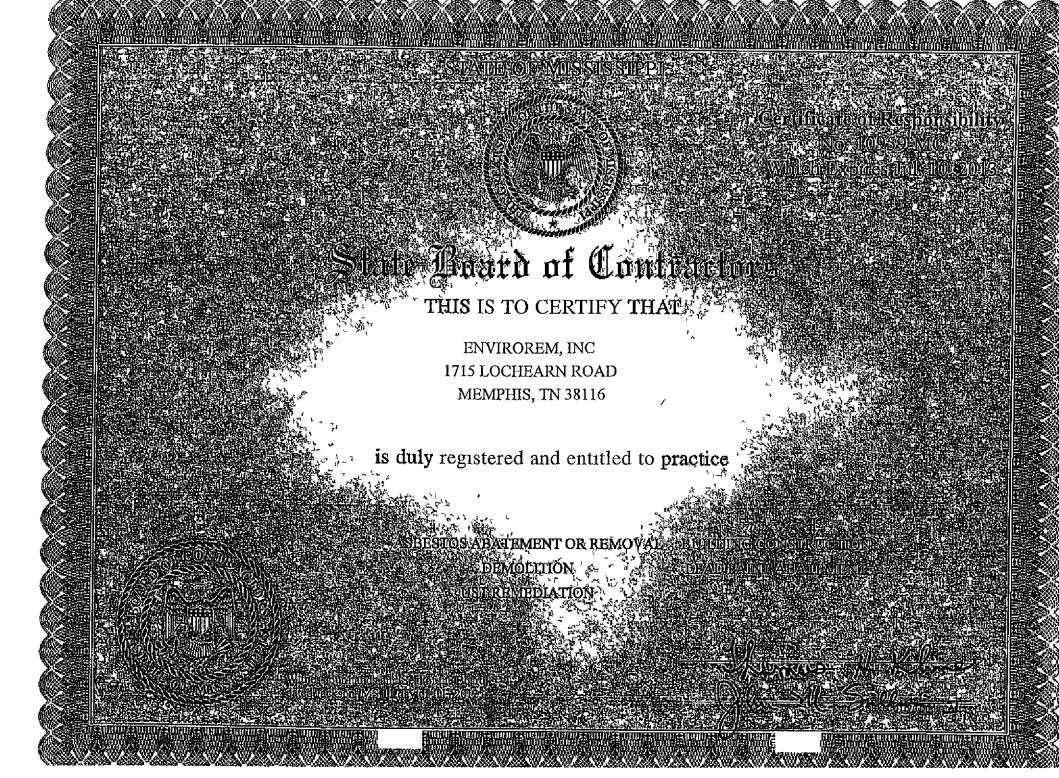
Sincerely, EnviroRem, Inc Consulting Division

Will D Brown

Will D Brown
Vice President of Consulting Operations

Acceptance of Proposal

Accepted By	
Signature	
Title	
Date	
PO Number (1f r	equired)



WILLIAM D. BROWN

PROJECT MANAGER

SUMMARY

Six years of progressive management and marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

ENVIROREM, INC - MEMPHIS, TENNESSEE

PROJECT MANAGER JANUARY 2009 - CURRENT

Manage projects including bidding design, scheduling, purchasing, subcontracting, customer service, accounts receivable reports and collections

ATC Associates, Inc. - Memphis, Tennessee

ENVIRONMENTAL SCIENTIST SEPTEMBER 2006 - JANUARY 2009

Developed operating budget for abatement and industrial service lines based on detailed forecasts and managed to operate effectively within the operating budget. Managed project including bidding design, scheduling, purchasing, subcontracting customer service accounts receivable reports including collections.

CERTIFICATIONS

Asbestos Building Inspector

Asbestos Contractor Supervisor

Asbestos Management Planner

Asbestos Project Designer

EPA Lead Renovate Right Instructor

Lead Inspector

OSHA 1910 32-Hour

First Aid / CPR

OSHA 40-Hour Haz Waste Operations

Microbial Inspector

Microbial Remediation Supervisor

Phase I ESA Workshop Confined Space Entry

EDUCATION

University of Memphis

Bachelor of Science • Environmental Biology & Chemistry August 2006

REPRESENTATIVE PROJECTS

INDUSTRIAL HYGIENE STUDY, ARLINGTON, TN - OSHA STUDY

A National Manufacturer located in Arlington, TN required systematic study of various concerns of a welding, dipping and painting operation. Concerns ranged from nuisance dusts to gaseous by products and VOCs. Resulting study yielded a graphic representation for various OSHA PEL concerns by working area and collected lab results. Client increased ventilation or used direct capture methods to be OSHA compliant.

AIR EMISSIONS TESTING, HORN LAKE, MS - TITLE V EMMISSIONS STUDY

A food manufacturing plant required fugitive gas confirmation to assist in efficiency planning of a recycled gas furnace. Humidity, temperature, velocity, particulates, and VOC content were considered.

INDUSTRIAL HYGIENE RESPONSE CONSULTING - INDUSTRIAL OVERSIGHT LEAD

Acted as professional onsite consultant for various oil refineries during shutdown and turnaround operations. During job planning and performance, facilities required in situ assessment of various hazards, work practice planning, job exposure monitoring, and reporting. Responsibility of approximately 5,000 on site contractors occurred during a regular shutdown operation.

ACM REMEDIATION PROJECT, MEMPHIS, TN - OVERSIGHT

A national client, after purchasing a tract containing 55 buildings, and approximately 600 apartments, required ACM remediation prior to demolition per local codes. Client retained services to act as representative, provide closure reporting, area monitoring to be submitted to the local environmental office, quality control, and act as general health and safety supervisor for a third party contractor performing the remediation.

ACM REMEDIATION PROJECT, MILLINGTON, TN - OVERSIGHT

A former fertilizer plant undergoing realignment required asbestos assement and abatement of approximately 1.5 million linear feet of insulated pipe runs, transite siding, and asbestos containing floor tile. Contract was extended from basic processes and storage tanks to all processes within the 100 acre industrial facility. Local regulatory agency praised onsite procedures and adaptations to minimize airborne concentrations of asbestos fibers.

CLOSURE MANAGEMENT STUDY, SELMER, TN - CERCLIS LISTING

Prior to planed closure, client requested environmental studies, wetlands ACM, LBP radon, drinking water and permitting. To ascertain potential costs associated with closure/redevelopment Facility, constructed in mid 1950's contained ACM products a wetland to the rear of the property and lacked several required permits. An obscure marine silt deposit formation with limited permeability limited potential for contaminants to migrate from the site.

AQUATIC BIOREMEDIATION, PICKWICK, TENNESSEE - PRO BONO

Development upstream led to increased rate of eutrophication in a 4 acre residential lake BOD sampling indicated that the TSS material was both serving as a food source and substrate for microbes PCR of selected genomic material and transformation of native *Cyanobacter* increased oxygen levels and competed with opportunistic bacteria. Seeding a holding area with *Lemna minor* acted as a biologic filter to offset nutrient loading

State of Mississippi

Department of Environmental Quality
Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

William D Brown

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00003088 Expiration Date Aug 1st, 2012 Training Expires on Aug 1st, 2012 Chief, Certification Branch

54066 LIC20110002

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CHARLES E. POWELL

OPERATIONS MANAGER

SUMMARY

Nineteen years of progressive Supervision, Management, Training and Marketing expertise in the diverse environmental arena

PROFESSIONAL EXPERIENCE

ENVIROREM, INC - MEMPHIS, TENNESSEE

OPERATIONS MANAGER • NOVEMBER 1994 - CURRENT

Manage projects including bidding, design scheduling, purchasing subcontracting customer service, accounts receivable reports and collections. Direct supervision of Supervisors, Project Superintendants, Project Managers located in the Memphis and Orange Beach/Pensacola Offices.

PERMA-FIX ENVIRONMENTAL SERVICES - MEMPHIS, TENNESSEE

MARKETING / HAZ-MAT TECHNICIAN - JANUARY 1991 - NOVEMBER 1994

Coordinated sales and marketing activities for the Technical Services Division. Met with clients to conduct initial survey of facilities for Hazardous Waste disposal and assisted in collection of samples to properly identify waste streams. Assisted clients in properly completing all required paperwork so that the waste can be properly disposed.

CERTIFICATIONS

AHERA Asbestos Building Inspector

AHERA Asbestos Contractor Supervisor

Blood-Borne Pathogen Training

Confined Space Entry

Certified Renovator (Lead RRP)
Asbestos, Mold & Lead RRP "Train the Trainer"

First Aid / CPR

OSHA 40-Hour Haz Waste Operations

Microbial Inspector

Microbial Remediation Supervisor

Phase I ESA Workshop

EDUCATION

University of Memphis

BA Business Administration 1987

SHELBY STATE COMMUNITY COLLEGE • MEMPHIS, TN

Associates - Business Administration - 1981

REPRESENTATIVE PROJECTS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION - RIGHT OF WAY DIVISION

Asbestos Abatement of multiple structures acquired by the MDOT and included in Right of Way clearing projects. Abatement included friable and Non-Friable materials. Coordination of air monitoring and clearance testing performed by an independent third party firm transportation and disposal of generated waste.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION - RIGHT OF WAY DIVISION

Demolition of multiple structures acquired by the MDOT and included in Right of Way clearing projects. Included acquiring all required permits including coordinating landfill acceptance, disconnecting and removal of utilities, demolition of the structure, transportation and disposal of construction debris close out of parcels after structures were removed.

University of Tennessee at Martin

Asbestos Abatement of friable and non-friable materials from multiple dormitories located on campus included scheduling and management of work crews, acquisition of required materials and equipment transportation and disposal of waste coordination of air monitoring and clearances performed by an independent third party firm

SABANA SECA NAVY BASE - PUERTO RICO

Asbestos Inspection and Sampling followed by Asbestos Abatement of forty five (45) Naval housing structures. Work consisted of inspection and sampling of suspect asbestos containing materials prepared required Bulk Sample Chain of Custody and delivered samples to laboratory for analysis received Bulk Sample Analysis Reports and prepared Summary Analysis findings and information for Navy and General Contractor, proper removal and disposal of asbestos containing roofing materials floor tile and associated mastics from housing units. Work was performed in shifts to expedite completion of the project due to excessive heat during the day. Work was completed on time and within budget

ROOSEVELT ROADS NAVY BASE • PUERTO RICO

Asbestos Abatement of frable and non-frable materials from one Training building including removal, transportation and disposal of materials

NAVAL CONSTRUCTION BATTALION • GULF PORT, MISSISSIPPI

Asbestos Abatement of six (6) building situated on approximately 25 acre parcel of property Abatement of both friable and non-friable materials so that upon completion of the abatement activities the buildings could be demolished. Once the buildings were demolished the slabs footers and foundation walls were removed due to chlordane contamination. Remaining soil was encapsulated in place and the site was restored to grade and hydro seeded.

Wal-Mart Department Stores - Various Locations

Performed Asbestos Sampling from stores located throughout the Midwest and Southern states Asbestos abatement of primarily non-friable flooring materials included scheduling and management of work crews acquisition of required materials and equipment; transportation and disposal of waste coordination of air monitoring and clearances performed by an independent third party firm

McKee Foods - Collegedale, TN

Asbestos Abatement of friable and non-friable materials from various locations throughout a foods manufacturing facility including oven insulation materials, pipe insulation and fittings, wall materials flooring materials. Duties included scheduling and management of work crews, acquisition of required materials and equipment, transportation and disposal of waste, coordination of air monitoring and clearances performed by an independent third party firm

Proctor and Gamble Manufacturing Facility - Jackson, TN

Asbestos Inspections and Sampling and Asbestos Abatement of friable and non-friable materials from various locations throughout a manufacturing facility. Asbestos Inspections and Sampling included review of historical documentation with appropriate Engineer obtain bulk samples of suspect materials, prepared required Bulk Sample Chain of Custody and delivered samples to laboratory for analysis, received Bulk Sample Analysis Reports and prepared Summary Analysis findings and information for Client, Asbestos Abatement include all duties required for abatement of friable and non-fnable materials located in various locations throughout the facility. Duties included scheduling and management of work crews, acquisition of required materials and equipment transportation and disposal of waste, coordination of air monitoring and clearances performed by an independent third party firm

Jackson Madison County General Hospital - Jackson, TN

Asbestos Inspections and Sampling and Asbestos Abatement of friable and non-friable materials from various locations throughout a medical facility including remote structures owned. Asbestos Inspections and Sampling included review of historical documentation with Project Engineer obtain bulk samples of suspect materials, prepared required Bulk Sample Chain of Custody and delivered samples to laboratory for analysis, received Bulk Sample Analysis Reports and prepared Summary Analysis findings and information for Client, Asbestos Abatement include all duties required for abatement of friable and non-friable materials located in various locations throughout the facilities. Duties included scheduling and management of work crews acquisition of required materials and equipment transportation and disposal of waste coordination of air monitoring and clearances performed by an independent third party firm

1715 Lochearn Road Memphis, Tennessee 38116 Phone (901)345-0000 • Fax (901)345-0015

State of Mississippi

Department of Environmental Quality

Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Charles E. Powell

Having submitted acceptable evidence of qualifications and training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No ABI-00002180 Expiration Date Aug 1st, 2012 Training Expires on Aug 1st, 2012

Chief, Certification Branch

40681 LIC20110001



PROPOSAL

ASBESTOS INSPECTION SERVICES FOR

CLAY COUNTY BOARD
HOME OWNER REHABILITAION GRANT
P.O. BOX 815
205 COURT ST.
WEST POINT, MS 39773

SUBMITTED BY-

PEARSON ENVIRONMENTAL SERVICES, LLC 2040 FOX COVE E. BYRAM, MS 39272

MDEQ CERTIFICATION NUMBER: ABI-00002023

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Home Rehabilitation Grant Clay County Board P O Box 815 205 Court St West Point, MS 39773

Re Clay County Board – Home Rehabilitation Grant 2012
Asbestos Inspection Services

Dear Clay County Board of Supervisors

Pearson Environmental Services, LLC is pleased to submit this proposal for Clay county, and hopes to gain your trust in the quality of our services

Inspection Service

- Inspection will meet or exceed with EPA guidelines. Amongst these guidelines, work will be done in accordance to NESHAPS 40 CFR Part 61 145 (standard for demolition and renovations)
- Investigations of units will be thorough and reflect most current federal and state regulations
- Bulk samples will be relinquished to laboratories accredited by the National Institute of Standards Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP)

Inspection Report

- The report for the inspection will include Laboratory analysis results with sample location drawings labeling positive and negative sample locations
- The report will include a detailed description of materials sampled and measurements of ACM (asbestos containing material) with estimated price for removal of ACM
- Certifications will be included in report

JULY 23, 2012

Qualifications for Staff

Projects (a few contractors w/projects)

US Environmental, LLC

- Clinton Public Schools Clinton Jr High renovations
- UMMC- Learning resource center (Jackson, MS)
- Belhaven University Fitzhugh Hall

Terracon

USDA- Jamie Whitten renovations – Stoneville, MS

Gulf Services Contracting, Inc.

- CF Industries renovations
- The University of Southern Mississippi College Hall
- Camp Shelby Building 1300
- Greenwood LeFlore Hospital

Ares Contracting, Inc

- Jefferson Co Hospital
- Pittsboro, MS Courthouse

Reid Abatement

- Old Bentonia H S Demolition
- Simpson Co Courthouse
- Starkville School District

Asbestos Contractors of Mississippi, Inc

Ingalls Shipyard

Pickering Firm

- Clinton Public School District
- Laurel School District
- Sumrall School District
- Starkville School District

Moses Electric

- Charlotte Capers Building Archives building Jackson, MS
 - I (Chris Pearson) will be the professional on site for asbestos inspections, representing Pearson Environmental Services. Prior to starting Pearson Environmental Services, I have 5 years' experience in asbestos inspection work with Pickering Firm in Jackson, MS. In all I have over 6 years experience in performing inspections on a daily basis.

Binder - Policy No G24217942 001

Date July 14, 2011

Producer Insured

BRAISHFIELD ASSOCIATES

2966 COMMERCE PARKSTREET

ORLANDO FL 32819

Pearson Environmental Services LLC
2040 Fox Cove East

Byram MS 39272

Attention Daniel Hill Telephone 4078259911

Email Dhill@braishfield.com

The following **binder** outlines our coverage for the above referenced account. Please review all coverage terms and conditions as they may differ from the submission. These terms and conditions may be modified upon review of the requested additional information.

Company Westchester Surplus Lines Insurance Company - AM Best Rating A+

ΧV

Coverage Commercial General Liability Coverage Form - Occurrence

Contractor's Pollution Liability Endorsement - Occurrence

Professional Liability Endorsement - Claims Made

Limits Of Liability \$1 000 000 Each Occurrence

\$1 000 000 General Aggregate

\$1 000 000 Products-Completed Operations Aggregate

\$1 000 000 Personal and Advertising Injury \$50 000 Damage to Premises Rented to You

\$5 000 Medical Payments

\$1 000 000 Contractor's Pollution Liability - Each Pollution Condition

\$1 000 000 Professional Liability - Each Claim

Deductible \$2 500 General Liability - Each Occurrence

\$2 500 Contractor's Pollution Liability - Each Pollution Condition

\$2 500 Professional Liability - Each Claim

Premium \$2,500

Rate Flat / Not Auditable

Exposure Basis \$100 000 (Estimated Revenue)

Policy Term 7/13/2011 - 7/13/2012

Retroactive Dates Professional Liability Endorsement - 07/13/2011

Insurance Company Forms

CG 00 01 (10-01) - Commercial General Liability Coverage Form

ENV-1203 (03-10) - Contractors Pollution Liability Coverage Endorsement - Occurrence - Elite

ENV-1205 (03-10) - Professional Liability Coverage Endorsement - Claims-Made - Elite

ENV 3100 (08-04) - Additional Insured Endorsement

ENV-3101 (08-04) - Additional Insured Endorsement - Primary and Non-Contributory

ENV-3103 (12-10) - All Known or Reported Incidents Exclusion

ENV-3107 (09-04) - Common Policy Conditions

ENV-3110 (09-04) - Deductible Liability Insurance Endorsement

ENV-3137 (08-04) - Separate Defense Limit Endorsement - Contractors Pollution Liability Coverage

ENV-3138 (08-04) - Separate Defense Limit Endorsement - Professional Liability Coverage

ENV-3143 (03-05) - Waiver of Transfer of Rights of Recovery Against Others to Us

ENVM-205 - Transportation Pollution Liability Coverage Endorsement (Owned)

ENVM-184 - Mold Coverage Endorsement - Claims Made Contractors Pollution Liability

ENVM-189 - Pollution Condition Amendatory Endorsement

ENVM-193 - Amendment Of Mold Coverage Professional Liability

ENV-5100 (08-04) - Asbestos Amendatory Endorsement

ENV-5101 (08-04) - Exterior Insulation & Finish System Exclusion

ENV-5102 (10-04) - Nuclear Hazard Liability Exclusion

ENV-5103 (03 05) Silica Exclusion

ENV-5106 (04-06) - Service of Suit

ENV-5519 (09-04) - Earned Premium Endorsement - 25% Minimum Earned

ENV-6100 (08-04) - Construction Management Professional Exclusion - General Liability Coverage

ENV-6101 (08-04) - Engineers Architects and Surveyors Professional Exclusion - General Liability Coverage

ENV-6102 (08-04) - Inspection Appraisal and Survey Exclusion - General Liability Coverage

ENV-6103 (08-04) - Testing or Consulting Professional Liability Exclusion - General Liability Coverage

ENV-6104 (08-04) - Total Pollution Exclusion - General Liability Coverage

ENV-6105 (08-04) - Employment Related Practices Exclusion

ENV-6106 (01-05) - Defined Words and Phrases Endorsement

IL 02 82 09 08 - Mississippi Changes Cancellation and Nonrenewal

TRIA15c (01-08) - Policyholders Disclosure Notice of Terrorism Insurance Coverage

ENV-9950 (01-08) - Exclusion of Certified Acts of Terrorism

ALL 21101 (11-06) - Trade or Economic Sanctions Endorsement

Endorsement Terms and Conditions

- •1 Additional Insured Endorsement Any person or organization that is an owner of real property or personal property on which you are performing operations or a contractor on whose behalf you are performing operations and only at the specific written request of such person or organization to you wherein such request is made prior to commencement of operations
- •2 Additional Insured Endorsement Primary and Non-Contributory Any person or organization that is an owner of real property or personal property on which you are performing operations or a contractor on whose behalf you are performing operations and only at the specific written request of such person or organization to you wherein such request is made prior to commencement of operations
- Separate Defense Limit Endorsement Contractors Pollution Liability Coverage \$1 000 000
- •4 Separate Defense Limit Endorsement Professional Liability Coverage \$1 000 000
- •5 Waiver of Transfer of Rights of Recovery Against Others to Us Any person or organization that is an owner of real property or personal property on which you are performing operations or a contractor on whose behalf you are performing operations and only at the specific written request of such person or organization to you wherein such request is made prior to commencement of operations
- •6 Transportation Pollution Liability Coverage Endorsement (Owned) \$1 000 000 Each Occurrence Limit \$1 000 000 Transportation Pollution Aggregate Limit (serves to reduce the General Aggregate shown on



QUOTE

• For each unit that will be inspected, and all the mentioned above be performed

Three hundred dollars and NO/100... [\$ 300.00]

• If all units are accessible the day planned for inspection, a lump sum payment of

One thousand dollars NO/100 [\$ 1,000.00]

Thank you for the opportunity to provide this proposal for Clay county We look forward to the opportunity to be of service on this and any future projects you may have

Respectfully Submitted,

Chris Pearson
Environmental Professional
Pearson Environmental Services, LLC



GOLDEN TRIANGLE Planning and Development District, Inc

Post Office Box 828

Starkville MS 39760 0828

Telephone (662) 324 7860

Fax (662) 324 1911

Cecil Hamilton

President

Robert E Boykin Vice President Jimmie Oliver Secretary / Treasurer Rupert L "Rudy" Johnson Executive Director

August 7, 2012

Chris Pearson Pearson Environmental Services 2040 Fox Cove East Byram, MS 39272

Dear Mr Pearson

The Clay County Board of Supervisors has selected you to be the asbestos inspector for their 2011 HOME grant for the reconstruction of 4 houses in Clay County Enclosed please find two copies of a contract, signed and approved by the Board of Supervisors for these services. If you will accept this offer and agree to the price specified in the contract, please sign both copies and return one to me in the enclosed envelope. You may keep one copy for your records. I have also enclosed a list of the four homeowners with their addresses and phone numbers. Once the inspections are complete, you can mail the reports to me at the above address.

I look forward to working with you on this project and if you need help in setting up these inspections, please call me at 662-769-1097

Sincerely,

Patsy Patterson Housing Specialist

CHOCTAW

CLAY

LOWNDES

NOXUBEE

OKTIBBEHA

WEBSTER

WINSTON

CONTRACT FOR ASBESTOS INSPECTION SERVICES BETWEEN

CLAY COUNTY , MISSISSIPPI AND PEARSON ENVIRONMENTAL SERVICES

This Contract is made and entered into by and between **Clay County Board of Supervisors**, hereinafter known as **Grantee**, and **Pearson Environmental Services**, hereinafter known as **Inspector**, for certain professional services as more fully hereinafter set forth

Grantee desires to engage the Inspector to render certain professional services in connection with their **HOME grant** #-1123-11-SG-280-181 (Homeowner Rehabilitation), said services being more fully set forth in Section I of this Contract

I SCOPE OF SERVICES

The grantee engages the Inspector to perform on-site asbestos inspections for four (4) houses to be demolished as a part of the above-referenced project

The inspector will work closely with Golden Triangle PDD and the homeowner in establishing dates and times for inspection

A separate report will be filed for each house according to DEQ guidelines

II PERIOD OF PERFORMANCE

The Inspector shall diligently undertake the performance of services referred to in Section I entitled "Scope of Services" and will complete these inspections within 15 days from date of this contract

III CONSIDERATION

The Consideration that shall be paid by Grantee to Inspector for rendering of professional services for asbestos inspections, as set forth herein, shall be as follows

A sum of \$300 per house for 4 houses, not to exceed Twelve Hundred dollars (\$1,200) total payable from the HOME grant Funds approved for the Grantee

IV METHOD OF PAYMENT

The Consideration enumerated in section III of this Contract entitled "Consideration" shall be paid to the Inspector by the Grantee provided the services so described in section I have been satisfactorily completed

V TERMINATION OF CONTRACT

This Contract shall terminate upon completion of the services described in Section I entitled "Scope of Services" and upon payment in full for the same by Grantee as provided for in Section III entitled "Consideration"

VI UNILATERAL TERMINATION

if, through any cause, the Inspector shall fail to fulfill in timely and proper manner, its obligations under this Contract, or if the Inspector shall violate any of the covenants, agreements, or stipulations of this Contract, the Grantee shall thereupon have the right to terminate this Contract by giving written notice to the Inspector of such termination and specifying the effective date thereof at least 30 days before the effective date of such termination. In that event, all finished documents, data, and reports prepared by the Inspector under this Contract shall, at the option of the Grantee, become the Grantee's property and the Inspector shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents and other materials. The Inspector shall have the right to reproduce any of such documents and other materials.

Notwithstanding the above, the Inspector shall not be relieved of liability to the Grantee for damages sustained by the Grantee by virtue of any breach of agreement by the Inspector, and the Grantee may withhold payments to the Inspector for the purpose of setoff until such time as the exact amount of damages due the Grantee from the Inspector is determined

VII CHANGES

Any changes in the scope of services of the Inspector to be performed hereunder, including any increase or decrease in the amount of the Inspector's compensation and any change in the period of performance or any time limitation for submission of any required reports which are mutually

agreed upon between the Grantee and Inspector, shall be incorporated in written amendments to this Contract

VIII EQUAL EMPLOYMENT OPPORTUNITY

- The Inspector will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin The Inspector shall take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, age or national origin. Such actions shall include but not be limited to the following rates of pay, employment, upgrading, demotions, transfers, recruitment or recruitment advertising, layoffs or terminations, selection for training including apprenticeship, and participation in recreational and educational activities. The Inspector agrees to post in conspicuous places available to employees and applicants for employment notices to be provided setting forth the provisions of this nondiscrimination clause The Inspector will in all solicitations or advertisements for employees placed by or on behalf of the Grantee state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, or national origin. The Inspector will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Contract so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials
- B The Inspector shall keep such records and submit such reports concerning the racial and ethnic origin of applicants for employment and employees as the U.S. Department of Housing and Urban Development may require
- C The Inspector agrees to comply with such rules, regulations, or guidelines as the U.S. Department of Housing and Urban Development may issue to implement these requirements

IX CONFIDENTIALITY

Any reports, information, data, etc given to or prepared or assembled by the Inspector under this Contract shall not be made available to any individual or organization by the Grantee without the prior written approval of the Inspector

XIV **ACCESS TO PROJECT**

The Inspector agrees that any duly authorized representative of the Mississippi Development Authority, Community Services Division, the U.S. Department of Housing and Urban Development (HUD), and/or the Controller General of the United States shall, at all reasonable times, have access to any portion of the Project in which the Inspector is involved until the completion of all close-out procedures respecting this grant

XV ANTI-KICKBACK RULES

The Inspector shall comply with all applicable "Anti-Kickback" regulations and shall insert appropriate provisions in all other contracts or subcontracts covering work under this Contract to insure compliance with such regulations

XVI COMPLIANCE WITH STATE AND LOCAL LAWS

The Inspector agrees to comply with all applicable laws, ordinances, or codes of the State of Mississippi or the Webster County Board of Supervisors in performing any of the work embraced by this Contract

XVII EFFECTIVE DATE

ATTEST

The effective date of this contract shall be August 7, 2012

If any part of this Contract shall be judged invalid or void, then and in that event only, that the 7th d. part of Contract shall fail and the remaining provisions shall remain in full force and effect

WITNESS OUR HANDS, this the 7th day of August, 2012

CLAY COUNTY BOARD OF SUPERVISORS

President



Professional Land Surveying

63012 Hwy 25 N Amory, MS 38821 Phone 662 315 5730

July 16, 2012

Clay County Board of Supervisors P O Box 815 West Point MS 39773

Re Boundary Survey Proposal for four residential tracts being located at 20787 Hwy 46, Pheba, MS 1033 Hogan St, Pheba MS 595 Barton Ferry Road West Point, MS & 1647 Railroad Road West Point, MS all being situated in Clay County, Mississippi

Dear Board of Supervisors

Thank you for allowing us to submit our fee proposal for this project

Enclosed please find a detailed scope of work, a personal resume a company resume, copy of Professional Licensure, and a statement of capacity to perform services requested

We propose to provide the following surveying services for each tract to be surveyed

Boundary Research
Field Boundary Survey
Office review and Analysis of Survey Data
Corner Monumentation
Survey Descriptions (if needed)
Boundary Survey Plats for each tract
*See detailed scope of work attached

All services provided will be performed under the direct supervision of a registered professional land surveyor and will comply with the standards of practice for land surveying in the state of Mississippi. At the completion of the project, copies of the survey plat, a compact disc (containing plat and other related documentation in a pdf), a letter of correspondence, and an invoice for services rendered will be provided

If you agree to the terms of proposal then please return a signed copy of this proposal as a letter of agreement between us to proceed to a written Fee Proposal/Contract

Please call if you have any questions

Sincerely

Keith A Eaton, BS, PS

Eaton Surveying & Mapping LLC

Accepted By _____

Print ____

Date

C \ESM\ESM Projects\Proposals\1090G001\Documents\Boundary Survey Proposal doc



Professional Land Surveying

63012 Hwy 25 N Amory MS 38821 Phone 662 315-5730

Scope of Work

Boundary Research- Consist of researching deeds adjacent property deeds and any other maps or plats that will be helpful in the establishment of the boundary lines and corners of the property. A thorough review of these documents will be conducted prior to commencement of the field work.

Field Boundary Survey- Consist of the location of all property corners property lines and any adjacent property corners or lines or section corners and lines that may be pertinent to establishing the property boundaries and corners, as well as any improvements such as roads driveways fence lines, any structures, utilities (as observed above ground), etc

Corner Monumentation- Existing property corners found will be marked with pink flagging, painted orange, and witnessed with a wooden stake. Property corners set will be marked with a ½" X 18" Iron Pin and witnessed with a wooden stake, painted orange with pink flagging. Property corners will be marked in such a way as to be easily identifiable. Control points set will be marked with orange flagging. Said control points are for surveyors use only and will not represent the property or boundary lines or corners in any way.

Office Review and Analysis of survey Data- Data collected in the field will be carefully reviewed and analyzed by the professional surveyor in order to conduct a careful and accurate survey of the property

Survey Description – In the event that there is a problem with the record deed description (not described accurately or description does not close), a survey description of the parcels will be prepared based on the survey data collected in the field to give an accurate description of the surveyed property

Survey Plat- A survey plat will be drawn, accurately depicting the property boundaries and corners of the surveyed property. The plat will include the location of all improvements with dimensions from those improvements to the boundary lines. Any encroachments gaps or overlaps in deed descriptions, uses of property, etc. will be noted and shown on the survey plat.

Capacity to perform work- We are mostly a one man and two man operation, however, we can staff up to a three man crew if needed. On this particular project we will be able to commence work within three to four days of notice to proceed. Total Project is expected to be completed within 8 to 10 days from start date.

C \ESM\ESM Projects\Proposals\1090G001\Documents\Boundary Survey Proposal doc



Professional Land Surveying

63012 Hwy 25 N Amory, MS 38821 Phone 662-315-5730

Deliverables

- Copies of the survey plat (number of copies to be negotiated)
- Copies of the survey descriptions (number of copies to be negotiated)
- Compact Disc for each tract (containing survey plats, descriptions, & other related documentation in a pdf file)
- Letter of correspondence
- Invoice for services rendered

KEITH ASHLEY EATON

63012 Hwy 25 North Amory, MS 38821 Phone (662) 315-5730 Email k eaton@esmsurvey.com

Education

Bachelors of Science, Agricultural Engineering Technology and Business Emphasis in Land Surveying

Mississippi State University, MS State, MS 39762 January 2004 – August 2006

Engineering Technology Pearl River Community College, Poplarville, MS 39470 August 2001 – December 2003

High School Diploma.

Forrest County Agricultural High School, Brooklyn, MS 39425 May 2001

Employment

Owner/Project Manager

Eaton Surveying & Mapping, LLC

October 2010 -Present Amory, MS

Survey Party Chief / PLS / Part-Time

Hatch Mott MacDonald Group, Inc Duties include all aspects of Pipeline Surveying Supervisor Rick Walker, PLS February 2010 - August 2010 Hattiesburg, MS 40+/week

Survey Party Chief/Assistant Survey Manager

Land Management Services & Mapping LLC
Duties include all aspects of Surveying
Supervisor Donny Burge, PLS

May 2006- February 2010 Hattiesburg, MS 40+/week

Professional Registrations & Affiliations

Mississippi Licensed Professional Surveyor PS-3152

Regular Member Mississippi Association of Professional Surveyors

Leadership

Presidents List Mississippi State University, spring 2006
Deans List Mississippi State University, fall 2005
Mississippi State University Block and Bridle Club, January 2004 – May 2006
American FFA Degree, 2002
State FFA Degree, 2000



Professional Land Surveying

63012 Hwy 25 N Amory, MS 38821 Phone 662-315-5730

Company Overview

Eaton Surveying and Mapping is a land surveying and mapping firm based in Amory, Mississippi We strive to be a leader in surveying and mapping by meeting our clients' needs in a timely manner with a high degree of accuracy and precision consistent with the current standards of practice for surveying in the state of Mississippi. We use the lasted technology, including Electronic Total Stations. Electronic data collectors and software. High precision RTK GPS Systems automatic levels and computer aided drafting software. All project documentation and plats can be provided to the client in hard copies and digital form (PDF and/or DWG). We provide a variety of services which will meet or exceed the most current standards of practice developed by the MS board of Licensure for Professional Engineers and Land Surveyors.

Key Personnel

Keith Ashley Eaton, B S, Licensed Professional Land Surveyor Owner Project Manager

Other Staff

Part-Time Employees available as needed

Professional Registrations & Affiliations

Mississippi Licensed Professional Surveyor PS-3152

Regular Member Mississippi Association of Professional Surveyors

Company past Project Experience

- 1 5 Acre Boundary & Topographic survey for R J Allen & Associates in Okolona MS
- Construction Layout Services for R J Allen & Associates in Okolona MS
- 400 Acre Boundary Survey & Parcel Division for Daughdrill Family Trust in Pearl River & Lamar Counties MS
- Lot Survey for Delta Title Corporation located in West Point, Clay County MS
- 3 Acre Boundary Survey for Cadence Bank in Clay County MS
- 3 Acre Boundary & Topographic Survey for Access Family Health Services in Smithville MS
- ALTA/ACSM Land Title Surveys for R J Allen & Associates in Okolona MS
- Topographic Survey of Kansas City Southern Railroad Maintenance Facility for engineering design for HDR Engineering in Artesia MS
- 4 Acre Boundary Survey for State of Mississippi/Army National Guard in Nettleton MS
- Multiple Residential Boundary Surveys across MS
- Multiple Construction Surveys across MS
- Multiple ALTA/ACSM Land Title Surveys across MS
- Multiple Estate Surveys across MS
- (too many to list)

670

- Boundary survey plats & maps
- Maps for timberland or conservation management

Missi ppi Board of Licensure for

Professional Engineers and Surveyors

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING,

BE IT KNOWN THAT

Keith Ashley Eaton

having satisfactorily met the requirements prescribed by law has been duly Licensed as a Professional Surveyor, is entitled to all the rights and privileges of a licensed Professional Surveyor, is hereby entitled to engage in the practice of Surveying in accordance with the laws of the State of Mississippi, and is issued this certificate of Licensure as a

Professional Surveyor

IN WITNESS WHEREOF, the Mississippi Board of Licensure for Professional Engineers and Surveyors grants this Certificate under its seal at Jackson, Mississippi

January 1, 2010

President

Secretary

License Number 3152



July 26, 2012

Clay County Board of Supervisors 205 Court Street PO Box 815 West Point, MS 39773

SURVEYOR PROPOSAL

Cook Coggin Engineers, Inc is pleased to submit our response to the Clay County Board of Supervisors recent **REQUEST FOR PROPOSAL FOR SURVEYOR** We appreciate the opportunity to integrate our skills and expertise with Clay County CCE understands its role as surveying consultant is a significant responsibility and will make this commitment a priority. We look forward to the opportunity to work with the Board on its upcoming surveying project and will

- · Support the mission, values, and goals of the Board
- Offer CCE's expertise to help ensure the success of these endeavors
- Work with the Board to ensure the development of a long-term relationship/commitment
- Keep an open line of communication between our firm and the appropriate authorities so that all parties are well informed and up-to-date on all projects and developments
- Actively participate in all requests for CCE's assistance and response
- Make decisions based on the best interest of the Board

Enclosed are seven (7) copies of the assembled information

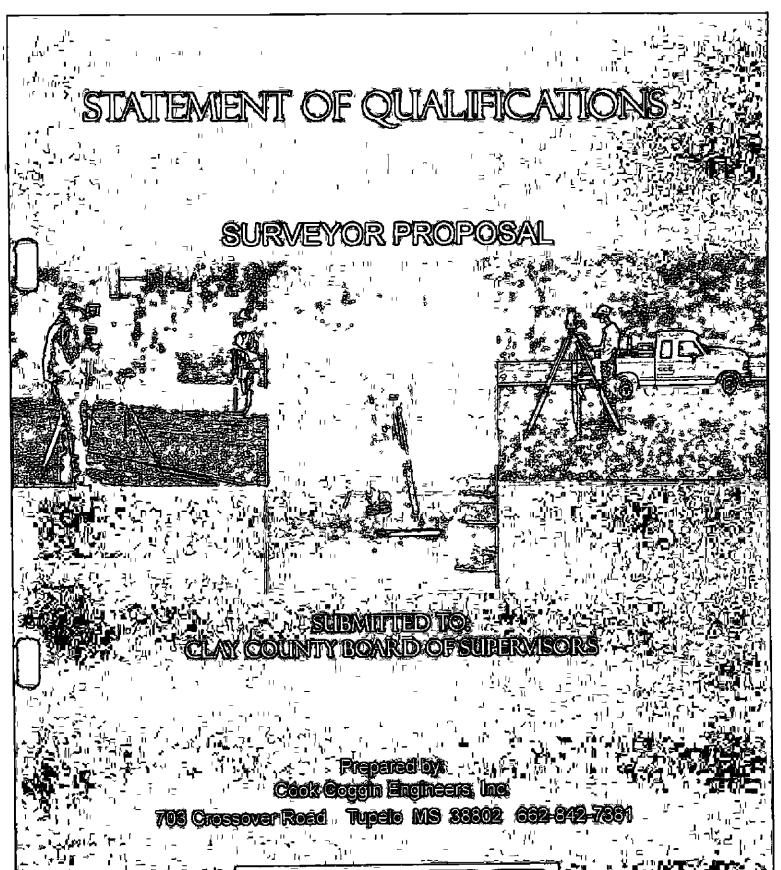
Cook Coggin has extensive experience with every aspect of surveying throughout Northeast Mississippi and would be delighted to share our expertise with the Board as we extend our surveying services as well as our diversified engineering staff and 65 years of experience

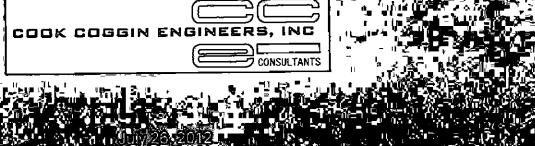
If you have any questions or need any additional information, please call

Doug Lytal, PLS

Project Manager

703 CROSSOVER ROAD • POST OFFICE BOX 1526 • TUPELO MISSISSIPPI 38802 • (662) 842 7381/FAX 844-4564/842 2267







A fixture of Northeast Mississippi Engineering for 65 Years

OUR VISION

Cook Coggin Engineers, Inc is committed to being Northeast Mississippi's PREMIER ENGINEERING FIRM. To that end, we must continually achieve service and economic excellence while adhering to the highest codes of business conduct. These enduring expectations provide the foundation for our commitment to our clients, future clients, and anyone with whom we interact.



Surveyor Proposal Clay County Board of Supervisors



A fixture of Northeast Mississippi Engineering for 65 Years

PROPOSAL CONTENTS

Qualifications

- Experience
- Boundary Survey Experience
- Technical Expertise
- CCE's Team
- Project Manager
- Project Team
- Resumes

Experience

- Surveying Services
- Geographic Information Systems (GIS)

Capacity for Performance

- Professional Aptitude
- Team Member Availability
- Timeliness With Schedule/Deadlines
- Client Satisfaction

Surveyor Proposal Clay County Board of Supervisors



EXPERIENCE

Cook Coggin Engineers, Inc is a general civil engineering firm that has been serving Northeast Mississippi for 65 years Cook Coggin has been involved with Northeast Mississippi's infrastructure development since 1946 Headquartered in Tupelo, and with regional offices in Booneville, Corinth, Fulton, New Albany and Ripley, Cook Coggin Engineers, Inc, is a firm that interfaces seasoned professionals with young, innovative thinkers, and supports their expertise with an experienced technical staff and the latest in computer design technologies

Now in its seventh decade of service to state and county governments, municipalities, rural communities and industry, Cook Coggin Engineers, Inc. has a reputation for excellence long established by two (2) active principals who are registered professional engineers. Over the years Cook Coggin Engineers, Inc. has developed a substantial amount of experience working with state and federal regulatory and funding agencies, the Mississippi Department of Transportation (MDOT), the Mississippi Department of Environmental Quality (MDEQ), the Federal Highway Administration (FHWA), the Federal Aviation Administration (FAA), the Environmental Protection Agency (EPA), the Economic development Administration (EDA), the USDA-Rural Development (USDA-RD), the Federal Emergency Management Agency (FEMA), the Mississippi State Department of Health (MDOH), the Mississippi Rural Water Association (MRWA), the Public Service Commission (PSC), the Mississippi Natural Gas Association (MGNA), the Mississippi Department of Archives and History (MDAH), the Mississippi Department of Wildlife, Fisheries and Parks, the Office of State Aid Road Construction division of the MDOT, the US Army Corps of Engineers, the Tennessee Valley Authority, the Planning and Development Districts - just to name a few



SURVEYING EXPERIENCE

CCE has provided engineering services on a variety of surveying projects through out Northeast Mississippi and the surrounding area over the years. Some of the most recent Surveying Projects that Cook Coggin has been involved in most relevant to the proposed task are illustrated in the following Table Cook Coggin takes pride in our success of providing professional surveying services by utilizing the available technology and integrating our 66 years of experience with the industry's cutting edge methods to provide stellar services to every client

Federal Express Boundary & Topographical Survey Prentiss County 80 Acre Industrial Survey Itawamba Port—American Land Title Survey (ALTA) Alcorn County Farmers Market Survye Alcorn County Rubbish Site Expansion Survey Community Development Foundation (CDF) Projects—30+ Industrial Park Surveys & Topographic Surveys throughout Lee Country Numerous Individual—Private Property—Boundary Surveys

CCE's basic services can be applied to a vast array of public, private, commercial, and industrial projects. The three (3) major thrusts of these basic services are as follows

- 1. Investigations and Réports
- 2. Construction Projects
- 3. Engineering Support

Surveyor Proposal Clay County Board of Supervisors



<u>Investigations and Reports</u> CCE provides the following services as related to general engineering investigations and reports

- Preliminary/Feasibility Investigations and Reports
- Planning Studies
- Appraisal, Valuation and Rate Studies
- Financial Studies
- Materials Engineering and Equipment Testing
- Direct Personal Services

<u>Construction Projects</u> CCE provides the following services as related to general construction projects

- Feasibility Studies
- Preliminary Design Studies
- Final Design Documents
- Contractor Bidding/Negotiating Contracts
- Project Construction/Observation
- Construction Engineering

Engineering Support CCE provides the following services as related to general engineering support functions

- Geotechnical Investigations/Reports
- Land Surveys
- Topographic Surveys
- Materials Testing
- Owner-requested Design Evaluation
- Site Acquisitions
- Environmental Assessments
- Permit Preparation
- Preparation for Regulatory Hearings

Surveyor Proposal Clay County Board of Supervisors



TECHNICAL EXPERTISE

<u>Surveying/Mapping Services</u> Field services and mapping are provided by four (4) survey crews with the latest Topcon total station surveying equipment outfitted with RECON data collectors (handheld computers) using Tripod Data Systems (TDS) data collection software Two (2) other surveying crews are equipped with more conventional surveying instruments to perform any of the other surveying/field measurement tasks required by a project. All of our fully staffed survey crews report to the Tupelo office and are readily available to provide a wide range of surveying, topographic, and mapping services

CCE also operates the Topcon HiPer Pro GPS equipment, which is the industry leader in long-range wireless Real Time Kinetic (RTK) GPS surveying technology This state-of-the-art surveying technology allows our surveying staff to collect enormous amounts of field topography data

<u>Computer Aided Design/Drafting Systems</u> The Cook Coggin Engineers, Inc Computer-aided Drafting and Design (CADD) department is comprised of seven (7) CADD/Designer operators, and four (4) senior designers In addition to the CADD operators, all engineers use personal computers for design

The majority of CCE's CADD operators have over ten (10) years of experience. Each CADD operator has a state-of-the-art personal computer and a dual 21-inch color high-resolution monitor. The graphic software can support up to four (4) views per screen. Also, each of the views can be zoomed in or out as many as ten (10) times to make the drawing larger or smaller. This gives the operator great flexibility in the creation of the project drawings. The graphics software has over 600 commands in icons and putout menus on the screen. These allow the operators quick access to all of the commands with a mouse click without taking their eyes away from the screen. Drawings can be converted to any one of several popular graphic formats if required.

All of the computers at CCE are networked allowing any of the operators, designers and/or engineers access to all of the project-related drawings. The dedicated server has 12 giga-bytes (GB) of storage. The network includes three (3) laser printers that will print half-scale prints at a rate of 20 pages per minute with a resolution of 600 dots per inch, and a color E-size plotter that can produce plots up to 48 x 36 inches. The dedicated server acts a both a file and print server, storing all drawings and queuing all printouts and plots.

Surveyor Proposal Clay County Board of Supervisors



Engineering Team At the heart of Cook Coggin's professional staff are two (2) principals who lead our firm with the strength and experience of a combined 58 years of service to the firm. In addition to our two (2) principals, the engineering staff includes nine (9) other registered professional engineers and three (3) engineering interns (EI) Two (2) of our engineering personnel have their master's in civil engineering

In addition to the engineering staff, an experienced support staff includes eleven (11) computer-aided design and drafting (CADD) personnel five (5) registered land surveyors, one who directs the activities of the four (4) surveying crews using the latest state-of-the-art field equipment and global positioning systems (GPS). As each project moves to the construction phase, Cook Coggin Engineers, Inc, to insure that the client secures the desired finished product, provides construction engineering field representatives and laboratory technicians. This allows Cook Coggin Engineers, Inc to provide a complete package of engineering services to its clients in order to complete a project from the planning stages all the way through design and construction. Cook Coggin Engineers, Inc currently employs approximately 78 persons, which includes the engineering personnel, technical support, field support and clerical support required for the implementation and completion of a successful civil/environmental project.

Support Staff and Facilities As illustrated at the end of this section, Cook Coggin Engineers, Inc maintains a wide diversity of experienced personnel to insure that its clients have the full benefit of services offered by these personnel In addition to the professional engineering personnel described previously, Cook Coggin Engineers, Inc employs two (2) professional geologists so that those services are available upon demand Contract administrators are also available to oversee the details of construction and project administration

Surveyor Proposal Clay County Board of Supervisors



CCE'S PROFESSIONAL STAFF DIVIDED INTO PERSONNEL DISCIPLINE/NUMBER

MERSONNIAL DISCRIMINE	MUMMER
Principals	2
Civil Engineers	11
Environmental Engineers	2
Mechanical Engineers	2
Electrical Engineers	1
Traffic Operations Engineers	1
Professional Geologist	2
Designers	7
CADD	4
Professional Land Surveyors	5
Survey Crew Chiefs	4
ı Survey Crewmen	4
GIS Coordinator / Specialist	1
Construction Administrators	5
Engineering Field Representatives	11
Accounting	1
Internet Technical Specialist	1
Administrative Assistant	4
Marketing	2
Laboratory Technicians	5
Clerical	5
TIOTIALIBATILONIBES	1 80 3

Surveyor Proposal Clay County Board of Supervisors



CCES TEAM

Project Team Personnel The ultimate goal is the successful completion of teach engineering project or assignment within the timeframe and budget constraints set forth in each individual project. CCE takes pride in the professional background and experience of the personnel available for assignment to the design and construction administration of the proposed work. Each individual to be assigned for this effort will be a highly skilled and experienced professional, dedicated to maintaining the high engineering standards and ethical practices upon which Cook Coggin Engineers, Inc. was built

The proposed team organization for this Surveyor Proposal is described on the following pages of this proposal. The team members were selected not only for their technical mastery, experience financial and legal knowledge but also for their availability to work on the project Additionally, we have a high professional and proficient administrative staff that will assist as necessary during the life of the project. CCE believes that our team's regional knowledge, experience and ingenuity will provide an unmatched level of prowess.

Our team consists of an engineering and professional staff that is highly skilled in the areas central to surveying. Each team member will report to and receive guidance from the Project Manager so the throughout the entire process, their efforts will be technically sound and responsive to the needs of the Clay County Board of Supervisors



PROJECT MANAGER

The Project Manager is the key individual in the management process. This person is responsible for overseeing all aspects of the project, and is the primary contact between the Clay County Board of Supervisors and the project team. The Project Manager will review the work in progress and will see that the project team has sufficient resources to accomplish their assigned tasks within the budget and time constraints of each portion of the project. Cook Coggin Engineers, Inc. will assign project management duties to **Doug Lytal, PLS**

Doug Lytal, PLS

Doug has been employed by CCE since 1984 Doug's experience involves computer graphic communication as well as field surveying development and interpretation of topographic surveys and the reduction/interpretation of surveying data. Doug has been involved with the drafting and development of the construction plans for numerous roadway, water and sewer transmission line, industrial park and residential/commercial site development projects. Doug's primary responsibilities on the projects will be involved with production of the required surveying field work, and the coordination of the CADD operators as related to the preparation of the boundary surveys

This Project Team will have the necessary experience to ensure that as the Clay County Board of Supervisors moves forward, the process

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- 2) meets the respicionity of all hinding, regulating, and soview algoriths
- के। तंत्र क्लाडा वृत्ती वर्गा भर
- in safeguards the Board's interests throughout the plannings of animational design and construction phases and
- 5) leverages all available aunding to minimize costs

Profile of Key Personnel

The organizational structure of Cook Coggin's Key Project Staff will be categorized and described on the following pages

Surveyor Proposal Clay County Board of Supervisors

Cook Coggin Engineers Inc 703 Crossover Road Tupelo MS 38802 www cookcoggin com (662) 842 7381



PROJECT TEAM

Surveying and Mapping Personnel The basic data for any public works design/construction project are derived from the various forms of terrestrial or topographic data as measured and recorded by the surveying teams. The overall success of the project is dependent on the timeliness and accuracy of these data. These personnel must be proficient in the operation of the field equipment, and knowledgeable in the data transfer systems required to download the data to the computer systems for design and drafting

Carrson Neal, PE, PLS

Carrson began his employment with CCE in 1975 and has had over 35 years of experience in Engineering Design and Construction. His work experience includes the structural design of all types of concrete and steel structures, roadway and bridge design for local, and state and federal agencies and he currently serves as the County Engineer for Lee and Itawamba County and is a licensed engineer in the State of Mississippi. Carrson has also performed design and construction engineering services for airports, railroads, industrial sites, and numerous public works projects. Carrson's main responsibility for this project will be the oversight for all aspects of the development process which will include site layout, structural design of required elements, drainage design, and overall plan development for the project.

Kevin Jones

Since Kevin began work with Cook Coggin Engineers, Inc., in 1991 while enrolled at NEMCC, Kevin has performed the CADD work for numerous boundary survey plats, legal descriptions, commercial and personal property subdivision plats, infrastructure improvement projects including roadways and streets, drainage structures, bridges, site developments, grading plans, detention ponds and parking lot layouts. Some of the larger projects that Kevin provided the major CADD efforts on were as follows. Phase 2 Tupelo Major Thoroughfare Program projects, Tupelo Fairground Redevelopment Phases 1 and 2, South Thomas Street Extension Phases 1 and 2 and Coley Road Extension. CCE has 10 other CADD personnel who are capable of producing field-quality drawings for the plan production process.

Geographic Information Systems Geographic information specialists work with programs and software to create and update data including socioeconomic and demographic standards, political boundaries, land use and cover environmental practices, utility systems, water/sewer systems, infrastructure comparisons within different boundaries and transportation services and networks. They use information they gather through data to create graphs and maps, create information needed by city builders or land owners for specific projects, or create statistical data for census studies. They are responsible for updating technology and programs used to gather the data, and providing information to municipalities looking for specific information as well as explain to them precisely what it is they have gathered for them

Surveyor Proposal Clay County Board of Supervisors

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Garrett Dendy

Garrett joined the Cook Coggin team in 2009 as Geographic Information Systems (GIS) Specialist for the firm and is the head of our GIS Operations. Garrett uses GIS systems to create maps, graphs, and databases for counties, cities, and municipalities such as water sewer, and gas systems, tax parcels, and various other functions associated with Geographic Information Systems. Included in his duties are collecting and verifying GIS mapping and/or survey grade field data. Garrett also conducts flood mitigation such as—floodplain management, permitting, certificate evaluation, and/or flood damage assessments. Garrett also serves as Inspector for water tank projects including sanitary, structural integrity, and cathodic protection. Garret's tasks for this project will include control of the GIS data gathering and mapping.

Surveyor Proposal Clay County Board of Supervisors

Cook Coggin Engineers Inc 703 Crossover Road, Tupelo MS 38802 www cookcoggin com (662) 842 7381



KEY PR	OJECT.	STAFF	EXPER	JENCE

Resumes of each project team member are presented in this section

Education

1983 AA Civil Engineering Technology Northeast Mississippi Community College

Professional Registration

Registered Land Surveyor Mississippi

Mississippi Association of Professional Surveyors— MAPS Member

Work History

1984—Present Senior Designer/Survey Supervisor Cook Coggin Engineers Inc

1984 Crew Chief Carothers Construction Company Water Valley MS

1982—1984 Draftsman/ Survey Crew Chief/ Inspector Martin Engineering Co Booneville, MS

Doug Lytal, PLS

Project Manager

Doug has been employed by CCE since 1984 Not only is Doug a Professional Land Surveyor, but he also holds his AA in Civil Engineering Technology Doug's experience involves computer graphic communication as well as field surveying, development and interpretation of topographic surveys, and the reduction/ interpretation of surveying data. Doug has been involved with the drafting and development of the construction plans for numerous roadway, water and sewer, transmission line, industrial park and residential/commercial site development projects. Doug s primary responsibilities involve the management of required surveying fieldwork activities and the coordination of the CADD operators as related to the preparation of boundary survey plats and legal descriptions subdivision plats for recording & land development and the construction plan documents

Relevant Experience

Boundary Surveying

Federal Express Boundary and Topographical Surveys
Prentiss County 80 Acre Industrial Survey
Itawamba Port—American Land Title Survey (ALTA)
Alcorn County Farmers Market Survey
Alcorn County Rubbish Expansion Site Survey
Community Development Foundation (CDF) Projects—
Over 30 industrial park project site surveys and topographic surveys throughout Lee County over the past few years
Numerous Individual—Private Property—Boundary Surveys

Subdivision Plats, Descriptions, Topographies, & Development
Oak Meadows Phase I through Phase VI—which included several

hundred lots
Tupelo Redevelopment Agency (TRA) Fairpark District—All

Phases
North Lee Industrial Park—All Phases

Surveying, Data Collection and Plan Development

NEMRWSD - Water Facility Improvements

Plantersville SRF Sewer

Tupelo Deer Park Sewer Facilities

Mantachie Sewer improvements

Tupelo Water Transmission Line

Tupelo South Lateral Water Lines

Okolona Industrial Park Sewer Improvements

Corinth Utilities Commission Water Facilities Site, Raw Water Distribution Lines

GPS Control Survey Route Topography and Treatment Site Surveying and Topography



Supervision of field surveying activities and the preparation of easement and right of way surveys and legal documents for recording of required right-of-way and easements of numerous utility and roadway projects

PUL Alliance Site—Site Development Evaluation and GPS
Targeted Ground Control for Aerial Photogrammetric Mapping
Procedures

PUL Alhance—Field Survey Supervision of Utility Route between Blue Springs and Tupelo



Education

1979 BS Civil Engineering Mississippi State University

Professional Registration

Professional Engineer Mississippi Professional Land Surveyor Mississippi

Work History

2010—Present Senior Engineer Cook Coggin Engineers Inc

2010—Present County Engineer Itawamba County MS

2010—Present LSBP Engineer Itawamba County MS

2004—2010 Principal MSI Inc

2000—2004 LSBP Engineer Monroe County MS

1988—2000 County Engineer Itawamba County MS

1985—2004 *Principal* Cook Coggin Engineers Inc

1980—1984 Engineer Cook Coggin Engineers Inc



Maynard Carrson Neal, PE, PLS

Senior Engineer

Carrson began his employment with CCE in 1975 and has had over 35 years of experience in Engineering Design and Construction Carrson's relevant work experience includes the structural design of wastewater and water treatment plant components. Carrson also has extensive experience in the structural design of all types of concrete and steel structures, geotechnical exploration and design, roadway and bridge design for local, and state and federal agencies and he currently serves as the County Engineer for Itawamba County. He has also performed design and construction engineering services for airports, railroads, industrial sites, and numerous public works projects. For this project, Carrson will work closely with all aspects of the development process which will include site layout, geotechnical design, structural design of required elements, drainage design, and overall plan development for the project.

Relevant Experience

Structural design of wastewater and water treatment plant components

Design of pavement structures

Management and engineering of geotechnical investigations, laboratory work or soil samples, and recommendations of structure foundations

Structural design of mechanical and machine systems for robotic and automation systems for industry

Survey, Design and Field Inspection of roadway and bridges for local, State Aid, Federal-Aid, and urban system projects, including new construction, resurfacing and overlays Some of the most recent projects are as follows

Tupelo West Main Street (All Phases)
Tupelo South Gloster Street (All Phases)
Tupelo North Gloster Street (All Phases)
Intersection of South Gloster and Eason Boulevard
Intersection of Eason Boulevard and The Womens Hospital
Entrance

1,"

Maynard Carrson Neal, PE, PLS

Senior Engineer

Intersection of Cliff Gookin Boulevard and South Thomas Street
Intersection of Coley Road and Jackson Street Extended Bridges on Chesterville Road Bridge on Colonial Estates Road Lumpkin Avenue
Various Intersections in the City of Tupelo Tupelo High School Interchange
Tupelo Fairgrounds Redevelopment - Phases 1 and 2

Tupelo East Main Street Widening

Tupelo South Thomas Street Extension - Phases 1 and 2

Survey, Design and Field inspection of railroad projects, airport projects and industrial park projects, such as

Corinth Hiking and Biking Trail System

Port Itawamba Railroad Spur in Itawamba County Drainage, water, sewer and grading for Itawamba Port Tupelo Municipal Airport

Design and field inspection of site improvements including drainage, parking areas, and soil testing

Field inspection of public works projects including concrete work, piping systems, and earthwork Some of these projects include

Meridian Wastewater Treatment Facility
Tupelo Sewers
Tupelo Pumping and Wastewater Treatment Facilities
Hamilton, Alabama Pumping and Wastewater Treatment
Facilities
Corinth Wastewater Facilities



Education

1992 AA Computer Aided Drafting & Design, Northeast Mississippi Community College

Work History

1992—Present CADD Designer Cook Coggin Engineers Inc



Kevin Jones CADD Designer

Since he began working with Cook Coggin during the summers while enrolled at NEMCC, Kevin has performed the CADD work for numerous infrastructure improvement projects including roadways and streets, drainage structures, bridges, site developments, grading plans, detention ponds and parking lot layouts. Some of the larger projects that Kevin provided the major CADD efforts on were as follows. Phase 2 Tupelo Major Thoroughfare. Program projects, Tupelo Fairground Redevelopment Phases 1 and 2, South Thomas Street Extension Phases 1 and 2 and Coley Road Extension.

Education

2009 BS Goesciences w/emphasis in Environmental Geoscience Mississippi State University

Professional Certifications

Geographic Information Systems (GIS) Certificate Mississippi State University

NACE Level 1 Coating Inspector # 31544 NACE International

Work History

2009—Present GIS Specialist Cook Coggin Engineers Inc

2007—2009 Program Technician—GIS Operator USDA Farm Service Agency Houston/Starkville MS

2001—2008 Landscape Operator Quality Landscaping Tupelo MS

COOK COGGIN ENGINEERS, INC

Garrett H Dendy

GIS Specialist

Garrett joined the Cook Coggin team in 2009 as Geographic Information Systems (GIS) Specialist for the firm and is the head of our GIS Operations. Garrett uses GIS systems to create maps, graphs, and databases for counties, cities, and municipalities such as water, sewer, and gas systems, tax parcels, and various other functions associated with Geographic Information Systems Included in his duties are collecting and verifying GIS mapping and/or survey grade field data. Garrett also conducts flood mitigation such as—floodplain management, permitting, certificate evaluation, and/or flood damage assessments. Garrett also serves as Inspector for water tank projects including sanitary, structural integrity, and cathodic protection.

Relevant Experience

Some Current Relevent GIS Projects Include but are not limited to

- City of New Albany Water System
- Town of Ingomar Water System
- City of Fulton Water System
- · City of Ackerman Water System
- City of Okolona Sewer
- · City of Verona CDBG Water
- Iuka Water systems Improvements
- Iuka WSI SS
- Corinth Arch Pipe Replacement
- Tupelo Mitchell Rd Tank Rehab
- MTD Site Mapping
- Lee County MTD Fire Protection
- Kossuth Water Systems Improvements
- Kossuth WSI SS
- 3 Rivers Solid Waste Authority
- NEMRWSD GPS Update
- Prentiss County Floodplain Management
- City of Ripley Floodplain Management
- · City of Myrtle Floodplain Management
- City of Hickory Flat Floodplain Management
- Town of Blue Mountain Floodplain Management
- Ripley Oil Dri Design & Construction
- Tippah County Railroad Improvements
- Plantersville Firehouse Improvements
- Houston Airport 2011
- Corinth Drainage Assessment



SURVEYING SERVICES

General Cook Coggin Engineers, Inc (CCE) provides a complete range of surveying services designed to provide the all of the required alignment, location and terrain data for each project Included in these data are the horizontal and vertical controls for the existing alignment, the location and dimension of drainage and/or other structures within the limits of the proposed project, the location and dimension of other man-made structures within the limits of the proposed project, and the existing topography of the proposed project



Surveying Services CCE currently has five (5) Registered Land Surveyors with the State of Mississippi on staff at the Tupelo office. Our survey teams have provided land-surveying services to public agencies as well as to private-sector clients throughout Northeast Mississippi for over 65 years. CCE is committed to providing superior quality surveying services that meet or exceed the requirements of each project. This commitment is evidenced by the employment of four (4) fully-staffed survey crews equipped with the latest Topcon total station surveying equipment outfitted with RECON data collectors (handheld computers) and Tripod Data Systems (TDS) data collection software. Two (2) surveying crews are equipped with more conventional surveying instruments to perform any of the other surveying/field measurement tasks required by a project.

CCE also operates the Topcon HiPer Pro GPS equipment, which is the industry leader in long-range wireless Real Time Kinetic (RTK) GPS surveying technology. This state-of-the-art surveying technology allows our surveying staff to collect enormous amounts of field topography data in a very efficient manner. All of our surveying equipment readily adapts to the CADD workstations to expedite the project design process.

The daily activities of all CCE survey crews are managed from the Tupelo office and dispatched throughout the Northeast Mississippi area as needed. Typically, at least one survey crew is

Surveyor Proposal Clay County Board of Supervisors

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always within a half hour drive or less to any of our project locations. Therefore, a crew can be mobilized immediately should an emergency arise after morning dispatch. This ensures that CCE is always available to meet the needs of its clients and deliver the best most efficient service possible for every project. Some basic services are typical of every project and our surveying staff at CCE is always prepared and ready to tackle the task at hand and provide optimum service to its client. These services include the following

(1) Project surveying
(2) Automated data reduction
(3), Right-of-way procurement
(4) Plan development.

Project Surveying

Basic project surveying provides all of the necessary field location and/or terrain data required for any roadway project. For a project that involves the improvement of an existing roadway alignment, the initial surveying efforts are performed to locate and reference the established benchmarks within the project limits, and to locate and define the horizontal and vertical alignment of the existing roadway. Once these horizontal and vertical controls have been established for the project, a full topographic survey of the project limits is performed, complete with the location and elevation of existing ground features and any other pertinent data which are utilized in the development of the project plans and specifications

Data Reduction

Downloading of the survey coordinate file/files from the HP/TDS data collector to the CADD computer system is achieved using the Survey Link (version 7.5.5) software. This data reduction process yields a text file which is compatible with the GEOPAK Civil Software (version 08.11.07.227), the CADD package being currently used by CCE. Any one of CCE's 18. CADD/designers can then perform the necessary program functions within the current CADD MicroStation V81 (Select Series 1). 2009 operating system to convert the field data into one of several forms. One data form is consistent with GEOPAK, and these data can be placed into drawing files which allow the creation of drawing(s) of the existing features of the roadway and adjacent properties used on the plan/profile sheets. In addition to the plan/profile drawings, cross-sections along the roadway alignment and centerline profiles of the existing and/or proposed roadways may also be produced.

Right-of-Way Procurement/Descriptions

Definition of the project right-of-way limits and construction/permanent easements are an important surveying function of each project. For each parcel of land affected by the proposed

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Surveyor Proposal Clay County Board of Supervisors



project, a new deed and description will be required once the right-of-way limits, construction/temporary easements and permanent easements have been agreed upon and/or purchased CCE intends to allocate the services of one or more surveying crews, one designer and 2-3 CADD persons for these right-of-way procurement functions

Plan Development

The development of an accurate and usable set of construction plans is greatly dependent on the data provided by the surveying functions of the project. Once the project data have been measured and reduced, the design team will verify all aspects of the data in the field. As additional data are required for the complete development of the construction plans, other surveying functions will be required. At least one surveying crew will always be available to provide any required data as the design team develops the final plans and specifications for the project.

Availability on Short Notice Typically, during construction activities, a question concerning any of the various aspects of the project design might arise from the Board, a property owner, pranother interested party. Often, some form of surveying function is required to provide the background data that would allow the project manager and/or design team to answer the question. As mentioned earlier, typically, at least one survey crew is always within a half hour drive or less to any of our project locations which makes our crews readily available should a need from any project arise. In addition, CCE is committed to ensuring that at least one of our survey crews, a designer, and one or more of the design team members is specifically available to meet with representatives of the Town, property owners or contractor representatives to resolve any questions or issues in a timely and efficient manner.

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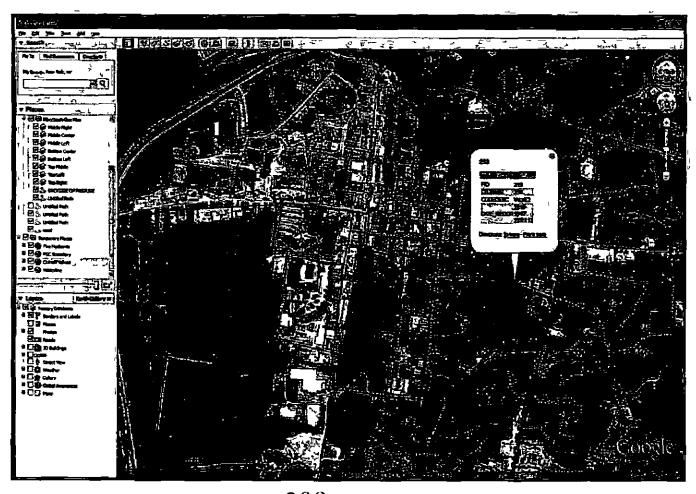
Surveyor Proposal Clay County Board of Supervisors

Cook Coggin Engineers Inc 703 Crossover Road, Tupelo MS 38802 www cookcoggin com (662) 842 7381



GEOGRAPHIC INFORMATION SYSTEMS (GIS)

General CCE's commitment to providing its clients with the best service possible is illustrated by the inclusion of a GIS Specialist on our Engineering Team. On the forefront of technological advances is the use of global navigation satellite systems, high resolution photography, and digital mapping applications as an information base for local governments, businesses, and private individuals Geographic Information Systems allow municipalities to have comprehensive information regarding its utility systems, property boundaries, etc. at its fingertip It allows access to information municipalities/businesses utilize in the planning and design for expansion and/or improvements. Additionally, governments and individuals also use this technology for zoning uses and while planning campaign strategies for political races, tax parcels, etc. ArcGis can export files that are compatible to Google Earth. Once a GIS database is created it can easily be exported and viewed by Google Earth's free download.



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These examples are merely a glimpse of the various uses of GIS. With this technology information is easily attainable and updatable so that the most pertinent information is available

Available Applications

Zoning Ordinance

The following lists some of the applicable uses for GIS within a municipality's zoning ordinances

- 1 Zoning
 - Display the different building zones and codes
 - Know the boundaries of commercial and residential zones
- 2 Tax Parcels
 - Display County or City Tax information
 - Parcel Number Name, Address Acreage, Lot Number Legal Description,
 Deed Book, Page Number

Utılıtıes

The following lists some of the applicable uses for GIS with regards to a municipality's water sewer, and gas systems

- 1 Valves
 - X,Y Coordinates, Date Installed, Last Maintenance, etc
- 2 Fire Hydrants
 - X,Y Coordinates, Flow Rates, Date Installed, Last Maintenance
- 3 Water Tanks
 - X,Y Coordinates, Date Installed, Height, Overflow Level, Inspection Date, etc
- 4 Waterline
 - Length, Diameter Material Used, Date Installed, etc
- 5 Pump Stations
 - X,Y Coordinates, Date Installed, Road Name, etc
- 6 Manholes
 - X,Y Coordinates, Invert, Flow Direction, Inspection Reports TV/Cleaning, Material Used, Diameter, Type—Pressure/Gravity
- 7 Lift Station
 - X,Y Coordinates Last Maintenance, Inspection Reports
- 8 Gas
 - X,Y Coordinates, Inspection Reports Cathodic Protection, Pressure Types, Lengths, Diameter

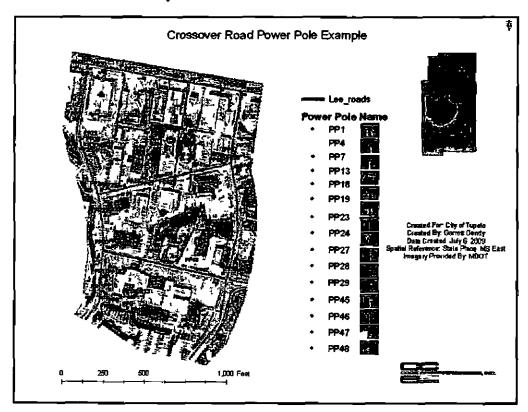
Surveyor Proposal Clay County Board of Supervisors



Additional Utilization

The following is a non-comprehensive listing of additional uses for Engineering Consultant GIS mapping services

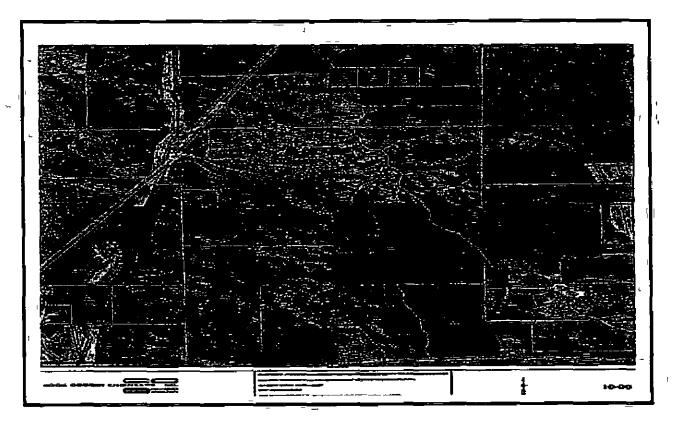
- 1 Real-Time GIS
- 2 911 Addresses
- 3 Emergency Dispatch Calls
- 4 Logistics
- 5 Power Pole inventory
- 6 Geodatabase Design
- 7 Terrain Analysis
- 8 Network Analysis





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With the TopCon GPS unit, gathering XY coordinates and adding attributes can easily be done Also, the GPS unit allows you to collect an image by using its integrated digital camera.



Because of ArcMap's compatibility with CAD files, one can overlay land parcels created in AutoCAD on high resolution imagery

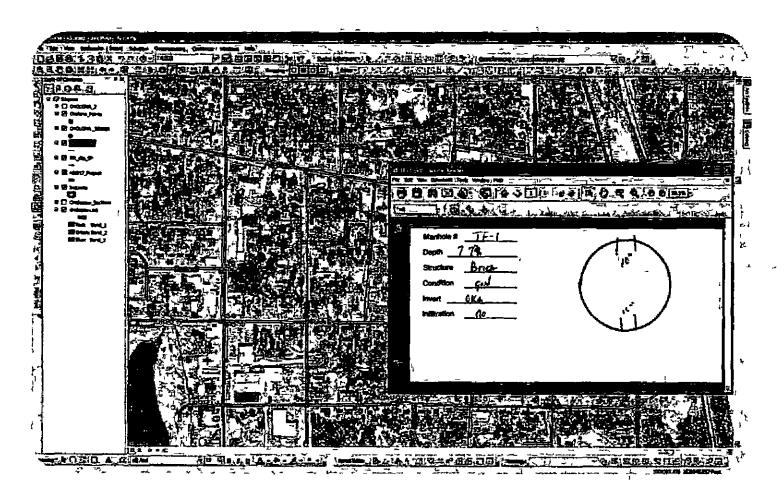
Surveyor Proposal Clay County Board of Supervisors



Recent GIS Projects

Okolona Sewer

CCE recently performed GIS mapping for the City of Okolona in conjunction with the development of a sewer improvement project for the City GIS mapping was used to locate pipes, valves, fittings, etc. This enabled the City to gather detailed descriptions of each manhole within its sewer system and assess the condition of each individual location. With the information obtained, the City was provided physical maps and a GIS map was downloaded onto the City's computer system for future use.



With this intelligence and the click of a mouse, detailed information is readily accessible.

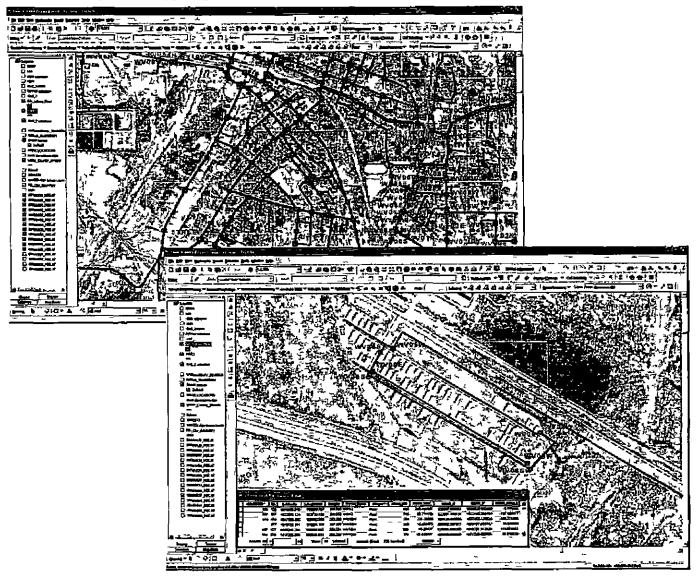
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New Albany Water

CCE recently completed a GIS water assessment for the City of New Albany in an effort to assist the City's Utilities Department in better servicing its customers. The project consisted of locating and identifying the City's valve locations so that the information could be recorded with our TopCon GPS unit. With the aid of the City's Water. Department, this task was achieved and input so that additional information could then be added to further improve the effectiveness of the application which could be adapted by adding an attribute list containing information about valves and lines such as—pipe length, size, type, age, last maintenance, etc.

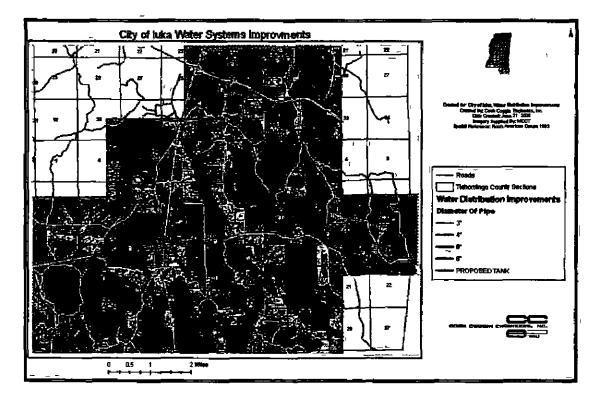


Surveyor Proposal Clay County Board of Supervisors



City of Iuka Water Distribution Improvements

Cook Coggin utilized GIS in the planning and design for the City of Iuka's current Water Distribution Improvement project. After all of the information and details corresponding to the City's water system was input into the system, the ArcMap's easy-to-use toolbars allow this map to be adapted into AutoCAD format so that the map could be formatted reflect improvement data for upcoming engineering projects. This information can inturn be transferred back into the GIS mapping system for data input that can be used by the City



Conclusion

Geographic Information Systems is a computer system for capturing, sorting, querying, analyzing, and displaying geographically referenced data. GIS allows us to utilize the technology available and provide our clients with invaluable information that have many useful applications for a municipality. As technology continues to evolve, CCE is committed to adapting its services offered, giving clients access to engineering science as it develops.



CAPACITY FOR PERFORMANCE

Team Member Availability The successful completion of the various tasks for any surveying project will no doubt depend heavily upon the experience and qualifications of each team member as well as the overall organization of the project team. Each member of the CCE team to be selected for any project understands the importance of providing responsive engineering services to the client, especially on short notice. This is particularly relevant for projects because of the heightened public awareness and scrutiny. To assure the Clay County Board of Supervisors the most responsive engineering services, the management of Cook Coggin Engineers, Inc. is committed to providing priority contractual obligation to this project, which will enable completion of project tasks, in a timely manner at minimum cost. To accomplish engineering design on a compressed schedule, CCE feels that the project team must possess the following resources.

- Availability of an in-liquise resource of key personnel with both strong technical and expérience background that must be dedicated fuil time to the project.
- Availability of experienced in-house support staff (CADD) operators/designers, construction overview personnel, field data collection personnel equipped with state-of-the art equipment and laboratory technicians that, again, must be dedicated to the project.
- Familiarity of the engineering firm and, in particular, the surveying staff with the scope of the project.

The CCE project team understands that regardless of the size and expertise of the team members' firm, the success of any project depends on the availability of key team members. This is particularly true in this case where the assigned tasks must be completed in a timely fashion. Therefore, the CCE key individuals for this project stand ready to provide the Board with prompt response.

Timeliness With Schedules/ Deadlines CCE has worked closely with nine (9) different counties and many of the municipalities in Northeast Mississippi in conjunction with surveying, GIS, highway, bridge, drainage, water/sewer and other infrastructure improvement projects over the years A project's timely completion is dependent on the plans, specifications and other contract documents being produced on schedule, so that the project can then be advertised for bids and a construction contract awarded CCE possesses proven ability to execute this task and to produce exceptional comprehensive plans and specifications in a professional manner from which construction can be initiated and completed on time and on budget

Surveyor Proposal Clay County Board of Supervisors

Cook Coggin Engineers Inc 703 Crossover Road Tupelo MS 38802 www cookcoggin com (662) 842 7381



CAPACITY FOR PERFORMANCE

CLIENT SATISFACTION

To Cook Coggin Engineers, Inc., client satisfaction is of utmost importance. Regardless of the task, CCE devotes all available resources and investigates all available options in order to deliver the highest quality work seen in Mississippi

Cook Coggin believes that a true measure of the client satisfaction a firm has is seen in the repeat business the firm enjoys with the client CCE prides itself in the volume of repeat business seen throughout its 66 years of service and would be proud to include the Clay County Board of Supervisors in the list of clients who have a long history with our firm

Cook Coggin would like to share some client statements as evidence of our professionalism and work capabilities—

"Cook Coggin Engineers, Inc has been the engineer for the Northeast Mississippi Regional Water Supply District "Water District" for more than twenty years. The water district has been exceptionally pleased with the service provided by this team of professional engineers. They give their utmost attention to all of the Water District's projects and attend monthly meetings to report the progress to the board.

The Board of Commissioners of the Northeast Mississippi Regional Water Supply District is proud to recommend the services of Cook Coggin Engineers Inc'

~ Travis Kitchens, Chairman, Northeast Mississippi Regional Water Supply District

"Over the years Cook Coggin has been involved with several grant projects with the City of Verona We have always had a good working relationship They continually have the City's best interest in mind"

~ Bobby Williams, Mayor, City of Verona

Surveyor Proposal Clay County Board of Supervisõrs

Cook Coggin Engineers Inc 703 Crossover Road Tupelo MS 38802 www.cookcoggin.com (662) 842 7381



CAPACITY FOR PERFORMANCE

"On behalf of the City of Okolona, Mayor and City Council we are proud to say we have experienced a great business relationship with Cook Coggin Engineers, Inc. We are excited about the progress and positive attitude their staff has shown us concerning projects to our Okolona Municipal Airport and restoration to our public water and sewer system. They have searched and worked diligently on grant projects to help our city financially on available projects. We would like to see the City of Okolona continue to grow economically. We would like to thank Cook Coggin Engineers. Inc. for their hard work diligence and persistence in helping our city accomplish our goals."

Eldridge Lowe, Vice Mayor, City of Okolona

Surveyor Proposal Clay County Board of Supervisors

CALVERT - SPRADLING ENGINEERS, INC.

CONSULTING ENGINEERS PO DRAWER 1078 WEST POINT MISSISSIPPI 39773 PHONE (662) 494-7101

ROBERT L. CALVERT PE STANLEY J. SPRADLING P.E. SUITE 5 301 HWY 45 ALT NORTH

July 18, 2012

Honorable Luke Lummus
President
Clay County Board of Supervisors
P O Box 815
West Point, MS 39773

RE Proposal for Surveying Services Four Residential Houses Clay County, Mississippi

Dear Mr Lummus

This firm is pleased to respond to your request for surveying services including a boundary survey and plot map for four (4) residential houses in Clay County For your convenience, the information is presented in the following sequences

I QUALIFICATIONS

a Overview of Firm

This section includes a statement about the firm, personnel, and equipment used. We have the capacity, through our in-house computer and electronic surveying equipment, to provide you with a product having the highest level of accuracy produced in the minimum amount of time.

b Professional Staff

The qualifications of the firm's professional staff are listed under "Professional Staff" along with each individual's years of experience in the related service

c Resumes

The resume of each individual is given under "Resumes" in this proposal. The resumes present a complete review of the professional staff's education and experience. Also under "Resumes" is a listing of the continuing education classes attended by the personnel. The change in technology is rapid and ongoing. At Calvert-Spradling Engineers, Inc., continuing education programs have provided our staff with up-to-date information and promoted the learning process. This can serve as a significant advantage to you in the form of quality service and potential cost savings.

d Capacity for Performance

One principal of the firm will be placed in charge of the organization and coordination of the project. Sufficient staff is available to prepare the field work and map preparation for your project. They will provide you with boundary survey and plot plan designed to meet your requirements in a timely manner. We feel our firm can offer the Clay County Board of Supervisors a complete surveying team.

II EXPERIENCE

This firm's personnel can provide you with adequate experience in development of a work scope. The professionals have participated in assorted survey projects throughout Mississippi. Included in this proposal is the Standard GSA-254 form listing various related projects in which this firm has participated.

III AWARDS

Under this section we show various projects on which we have received awards through the Consulting Engineers Council design competition—Two of the Grand Conceptor Awards received by Calvert-Spradling Engineers, Inc , were on transportation related projects that included surveying services

It is our intention to provide you with boundary survey and plot map services required for four (4) residential houses. We propose to provide you with complete surveying services, which will allow a smooth, closely coordinated project.

We look forward to your review of our proposal and hopefully working with you on this project

Robert I Calvert

Robert L Calvert, P E

RLC/mwf

Enclosures

Calvert-Spradling Engineers, Inc.

Performance Partnership People Pride



Consulting Engineering Services

PROPOSAL FOR SURVEY SERVICES

OT

CLAY COUNTY BOARD OF SUPERVISORS

FOR

Boundary Survey and Plot Map Four Residential Houses

July 18, 2012 CSE# 212099 Calvert-Spradling Engineers, Inc Consulting Engineers P O Drawer 1078 West Point, MS 39773 (662) 494-7101

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AWARDS	1

OVERVIEW OF FIRM

OVERVIEW OF FIRM

Calvert - Spradling Engineers, Inc 1s an engineering firm serving public and private clients in Mississippi and Alabama The firm was organized in 1976. The permanent staff of twenty-seven (27) people includes five registered professional engineers, and two registered land surveyors.

Various services performed include recreational, water and sewage projects for cities and towns, industrial park design and layout, airports, natural gas distribution systems, subdivision design and layout, highway, and street improvements for cities and counties, construction stakeout and control for contractors, soil and concrete testing, and site surveys and topographic maps for commercial, industrial, and agricultural clients

With a staff of professional engineers, land surveyors, draftsmen, and other technicians, Calvert - Spradling Engineers, Inc has the capability of working closely with officials to determine requirements of a project, filing applications for Federal grant assistance where available, designing and preparing plans and specifications, obtaining Federal and State approval if needed, and supervising and inspecting a project through the construction phase

Computer-aided design and drafting (CADD) has been incorporated into the firm's mode of operation to provide the client with an above average quality product in a shorter period of time. The office computer system is linked centrally by the LINUX file Server. Work stations operate as standalone units or as terminals off the INTEL computer. This arrangement allows the sharing of project data files within the system and more than one person to work on the same project at one time. The CADD system enhances the productivity of the firm. Alternate designs can be evaluated and documented economically. The higher quality and clarity of details shown on plans developed by CADD reduces contractor uncertainty and may lead to lower bid prices for the owner.

The firm is able to offer advanced state-of-the-art-engineering services to its clients. The equipment used by the firm is the most modern and accurate available in this area. A list of the specialized equipment is as follows

Two (2) Leica Automatic Digital Levels, Model NA 2002

Three (3) Wild Automatic Levels, Model NA-2

Three (3) Geotec Automatic Levels, Model AL-23

Three (3) Wild Theodolites, Model T-2 (precision - one second)

Two (2) Lerca TC-1800 Theomat (precision - one second)

Four (4) Leica GPS SR 399 Dual Frequency Receiver

One (1) Geotec Theodolites, Model T-24 (precision - 20 seconds)

One (1) Gurley Transit, 100A Series (precision - one minute)

One (1) Wild (DI-3S) Electronic Distance Measuring Unit

Two (2) Wild (DI-4S) Electronic Distance Measuring Units

Two (2) INTEL Network Servers

Sixteen (16) PC Work Stations

Two (2) Hewlett-Packard Draftmaster Plotters

Motorola FM Radio Communications System (14 Units)

Vidar TruScan 800

As an indication of our commitment to quality service and management, the firm has voluntarily participated in the Peer Review Program of the American Consulting Engineers Council Experienced professionals were invited to examine our policies and procedures in seven areas General Management, Human Resources and Professional Development, Project Management, Quality Management, Computer Systems Management, Financial Management, and Business Development The findings of this Peer Review and subsequent improvements to our practice will enhance our firm's service to clients

Robert L Calvert is an experienced Peer Reviewer in the Peer Review Program of the American Consulting Engineers Council Reviewers must meet the minimum qualifications of fifteen years experience, five of which must be in corporate office management, reviewers must also attend a reviewer training workshop

The firm's professional and technical personnel have a vast work experience on related engineering projects. Personnel of the firm have performed numerous projects which involve surveys, the preparation of maps for design, advance planning and the preparation of detailed plans and specifications for multi-discipline projects. Greater project efficiency and quality control is provided by direct radio communication between our field crews and office based computer. The firm has a sense of pride in the quality engineering services which it performs

In 1989, 1992, 1994 and 1999, Calvert - Spradling Engineers, Inc received the Grand Conceptor Award for Engineering Excellence, which was sponsored by the Consulting Engineers Council of Mississippi The Grand Award is presented annually to a Mississippi Engineering firm for creative design. The 1989 entry was the Pearl Street Reconstruction Project located in Macon, Mississippi. The 1992 entry was for Water Supply Development for Vista Chemical in Aberdeen, Mississippi. The 1994 entry was the foundation design for two 9.5 million pound caustic soda tanks at the Lowndes County Port in Columbus, Mississippi. The 1999 entry was for Global Position System (GPS) Highway Staking at the Red Hills Power Project in Choctaw County, Mississippi. A list of awards received by the firm for project design and administration are listed in the section entitled "Awards"

PROFESSIONAL STAFF

PROFESSIONAL STAFF

Robert L Calvert (45)* Registered Professional Engineer

Mississippi License No 4499

and

Registered Land Surveyor

Mississippi License No 1883

Stanley J Spradling (35)* Registered Professional Engineer

Mississippi License No 7101 Louisiana License No 15809 Alabama License No 15809

and

Registered Land Surveyor Mississippi License No 2305

Chyı-Hong Lin (28)* Registered Professional Engineer

Mississippi License No 11209

John C Freeman, Jr (19)* Registered Professional Engineer

Mississippi License No 14220

Jacob B Forrester (4)* Engineer Intern

EIT No 7601

Matthew Forrester (1)* Engineer Intern

EIT No 7802

Willie T Holmes (48)* Graduate Engineer

*Denotes Years of Experience

775

Robert L. Calvert, PE, PLS

Education

The Georgia Institute of Technology 1962| Bachelor Degree

Registrations

Professional Engineer Mississippi 4499 Professional Land Surveyor Mississippi 1885

Associations

American Council of Engineering Companies
National Society of Professional Engineers
Mississippi Association of Professional Surveyors
American Society of Civil Engineers

Professional History

Mr Calvert is founder and president of Calvert-Spradling Engineers, Inc., a civil engineering firm established in 1976. The firm provides engineering and surveying services for municipalities, counties, state agencies businesses, industries and institutions. Mr Calvert has served as Clay County Engineer since 1976 and Lowndes County Engineer since 1999. He serves as general manager for the survey and transportation projects conducted by the firm. Prior to 1976, Mr Calvert served as a design engineer and project engineer with Evan E. Tumlinson and Associates from 1964 to 1976. Experience consisted of general civil engineering projects for streets, highways, water and wastewater treatment, distribution, collection and supply

Related Experience

- Design and Project Engineer Access roads to Old Waverly Golf Course for PGA Golf Tournament
 Development of ingress, egress and emergency access road right of way plans, construction plans, and
 construction engineering and inspection for approximately fourteen miles of County Highway in Clay County
 Project time line was met for the five million dollar construction project with all routes complete and
 functioning at the time of the tournament
- Project Surveyor and Construction Stakeout Red Hills Electrical Project
 Managed four hundred acre property boundary survey to include individual parcel acquisition surveys and
 American Land Title Association insurance closeout survey in Choctaw County Provided detail construction stakeout for infrastructure and compiled as-built drawings of the electrical generation facility
- Design and Project Engineer Red Hills Electrical Power Project
 Developed access road right of way plans, construction plans, and construction engineering and inspection for the addition of turn lanes on SR 6 and the reconstruction of Pensacola Road providing an undivided four lane road for the power plant entrance in Choctaw County
- Project Surveyor and Infrastructure Stakeout Severstal Steel Mill
 Managed twelve hundred acre property boundary survey to include individual parcel acquisition surveys and
 American Land Title Association insurance closeout survey in Lowndes County Established and managed
 horizontal and vertical controls for the construction site Provided detail construction stakeout for
 infrastructure facilities consisting of roads, rail, drainage ditches, and detention ponds Compiled as-built
 drawings of the steel mill plant and infrastructure



Stanley J. Spradling, PE, PLS

Education

University of Texas 1976 | Master of Science Engineering Mississippi Stire University 1972 | Bachelor of Civil Engineering

Registrations

Professional Ungineer Mississippi 7101 Louisiana 20279 Tennessee 16851 Alabama 15809 Registered Fand Surveyor Mississippi 2305

Associations

Am the in Council of Engineering Companies National Society of Professional Engineers American Water Works Association American Society of Civil Engineers

Professional History

Mr Spradling began his career in engineering by working with the Bureau of Environmental Health, Mississippi State Board of Health from 1972 to 1979. Mr Spradling joined Calvert-Spradling Engineers, Inc., as a principal in 1979 and currently serves as Vice President of the firm. He serves as general manager for environmental projects conducted by the firm. His work experience includes project design, construction supervision, and administration in the areas of rural and municipal water supply, treatment, and distribution systems, sanitary sewer collection, and treatment, residential, subdivision, multi-family housing, industrial park layout and design, land surveying and construction stakeout.

Related Experience

- Principal Engineer West Point Water Treatment Plant
 Development of plans and specifications for major water supply facility which included treatment structures,
 site development site drainage and access road design
- Principal Engineer Lowndes County Industrial Development Authority
 Developed the plans and specifications for the Wastewater Treatment Facility which included site drainage and access and treatment facilities
- Principal Engineer Lowndes County Aerospace Industrial Park
 Development of the conceptual layout of proposed utilities Supervised the application process of the land purchase of the Aerospace Industrial Park
- Principal Engineer Town of Caledonia
 Supervised design of the Water Treatment Plant expansion and performed the hydraulic analysis of the distribution system
 Design included test well development, site plan, unit processes, and pumping



Chyi-Hong Daniel Lin, PE

Education

Miss ssippi State University

1986 | Master of Science in Computer Science

Mississippi State University

1984 | Master of Science in Civil Engineering

Chang Yan Christian University Chang Lee Tawan

1976 | Bachelor of Science in Civil Engineering

Registrations

Professional Engineer Mississippi 11209

Associations

National Society of Professional Engineers
Past President of Emnese Student Association at Mississippi State University
American Institute of Steel Construction

Professional History

Mr Lin began his career in engineering by working for CTCl Corp Taipei, Taiwan, R O C, as a Civil Engineer responsible for structure analysis of steel and concrete structures. While attending Mississippi State University, Mr Lin was employed as a Research Assistant responsible for computing torsional and flexural properties of multi-celled box girders. Upon graduating from MSU, Mr Lin was employed at Gulf States Manufacturing, Inc., as a Civil Engineer and Engineering Programmer/Analyst. In June 1990, Mr Lin joined Calvert-Spradling Engineers. Inc., as a Design Engineer responsible for project design management, including design, scheduling, and coordinating projects.

Related Experience

- Design Engineer East Lowndes Water Association
- Development of construction plans and technical specifications for major water supply facilities, which
 included treatment process equipment, structures, site development site drainage and access road design
- Design and Project Engineer Lowndes County Industrial Development Authority
 Developed construction plans and contract documents with technical specifications for Water Treatment
 Plant #1 and #2 and wastewater treatment plant
- Design and Project Engineer City of Louisville
 Developed plans, specifications, bid documents and provided engineering services for an industrial building and fire station, which included structures, site development, parking lot, site drainage and access road design
- Design Engineer East Lowndes Water Association
 Developed construction plans and contract documents with technical specifications for water treatment plant #4 and New Hope water treatment plant expansion



John C. Freeman, PE

Education

Miss ssippi State Unit ersity

1993 | Bachelor of Civil Engineering

Registrations

Professional Ungineer Mississippi 14220

Associations

Virtual Control of Engineering Companies
Virto til Society of Professional Engineers

Professional History

Mr Freeman began his career in engineering by working part-time during 1992 and 1993 at Calvert-Spradling Engineers Inc., while attending Mississippi State University Upon graduating, Mr Freeman joined the staff at Calvert-Spradling Engineers Inc., as a design engineer. His work experience includes preparation of construction plans for streets, highways, and bridges

Related Experience

- Design Engineer Access roads to Old Waverly Golf Course for PGA Golf Tournament
- Development of ingress, egress and emergency access road right of way plans construction plans and construction engineering and inspection for approximately fourteen miles of County Highway in Clay County Project time line was met for the five million dollar construction project with all routes complete and functioning at the time of the tournament
- Design and Project Engineer Severstal Steel Mill Infrastructure Phase II Expansion
 Developed construction plans and construction engineering and inspections for rail access with gate crossing and signals and road access for large industrial vehicles at the Severstal Steel Mill in Lowndes County
- Design and Project Engineer B&W Access Road
 Developed plans, specifications and bid documents and provided engineering and inspection of B&W Access
 Road in the City of West Point Project was developed through the Surface Transportation Program with the Mississippi Department of Transportation
- Design and Project Engineer Lone Oak Road
 Developed plans specifications, and bid documents for Lone Oak Road in the City of West Point Project was developed through the Surface Transportation Program with the Mississippi Department of Transportation
- Design and Project Engineer Eshman Avenue
 To develop plans, specifications, and bid documents and provide construction engineering and inspection to a three-lane expansion of Eshman Avenue in the City of West Point Project is being developed through the Surface Transportation Program with the Mississippi Department of Transportation



Matthew Forrester, EI

Education

Mississippi State University
2010 | Bachelor of Science in Civil Engineering

Registrations

Engineer Intern Mississippi 7802

Associations

American Society of Civil Lugineers Thu Beta Pr

Professional History

Mr Forrester began his career in engineering by working part-time for Calvert-Spradling Engineers, Inc., while completing his degree in Civil Engineering at Mississippi State University. Upon graduation in 2010, he was hired as a design engineer by the firm. Mr Forrester's responsibilities include designing and drafting construction drawings using CADD software, writing and formatting specifications and contract documents for projects, meeting and working through projects with clients, and gathering site information for engineering and design

Related Experience

- Design Engineer Lowndes County Industrial Development Authority
 Development of plans and specifications for industrial water supply facility including site access roads, site layout and drainage, and structural design
- Design Engineer Lowndes County Industrial Development Authority
 Development of plans and specifications for industrial wastewater facility expansion which included site work, new clarifiers and rehabilitation of existing equipment
- Design Engineer East Lowndes Water Association
 Performed system-wide hydraulic analysis for annual system condition standing Compiled report indicating low-pressure areas and provided possible solutions
- Design Engineer Trim Cane Water Association, Inc
 Development of plans and specifications for water distribution improvements. Design included hydraulic and system layout modifications and system extensions.



Preston P. Sullivan

EDUCATION:

Diploma from East Webster High School, Cumberland, MS

May 2006

Mississippi State University, Mississippi State, MS

Bachelor of Science

May 2011

Professional History:

Mr Sullivan began his career in surveying by working part-time for Calvert-Spradling Engineers, Inc., while completing his degree at Mississippi State University. Upon graduation in 2011, he was hired as a design technician by the firm. Mr Sullivan's work experience includes preparation of topographic surveys, boundary surveys, deed research and basic CADD design

Related Experience

- Design Technician- Clay County, Mississippi Development of land surveys for industrial development
- Design Technician- Lowndes County, Mississippi Development of land surveys for industrial development.
- Design Technician- Choctaw Generation, Choctaw, Mississippi Development of an ALTA survey for Choctaw Generation
- Design Technician- Sanderson Plumbing Products, Inc , Columbus, Mississippi Development of an ALTA survey for Sanderson Plumbing Products, Inc

Marshal Dale Rhodes Route 2, Box 168 Ackerman, MS 39735

EDUCATION

Diploma from Ackerman High School,

Ackerman, Mıssıssıppı

Holmes Junior College Goodman, Mississippi

EXPERIENCE

August 1976 to Present Calvert-Spradling Engineers, Inc , West Point Duties involve design surveys and construction stakeout for roads, streets, bridges, water and sewer projects, land surveys and topos Certified soils technician for State Aid Construction, MSHD, 1981 Was responsible for Title II Testing on ICGRR Bridge Relocation at Columbus, MS for Mobile District Corps of Engineers Serves as a project inspector on road, bridge, street, housing, water and sewer projects

October 1973 to August 1976 K B Presley Engineering, West Point, MS Rodman and instrument man in survey crew Performed design surveys and construction stakeout for roads, bridges, streets, water & sewer projects Also land surveys and topos

October 1972 to October 1973 Bellwood, Ackerman, MS Supervisor of assembly line for second shift

CONTINUING EDUCATION

Traffic Control for Street and Highway Mississippi State Highway Department

Basic Training Course Nuclear Soil Gauge Campbell Pacific Nuclear Corporation

Controlling Concrete Quality Portland Cement Association

Certified as Concrete Field Testing Technician American Concrete Institute

Principles of Construction Quality of Hot Mix Pavements MSHD The Asphalt Institute & Mississippi Asphalt Pavement Association

Certified to perform Asphalt Densities - State Aid Mississippi State Highway Department

Marshal Dale Rhodes, Resume, (continued)

CONTINUING EDUCATION

Asphalt Pavements, Materials Design, Construction, Pavement Management, Maintenance and Rehabilitation Asphalt Institute, Lexington, KY Atlanta, GA

Concrete Construction Inspector-Level II
American Concrete Institute, Portland Cement Association, Skokie, IL

MCIA-MDOT Concrete Short Course MS Concrete Industries Association

Metric (SI) Training for Highway Agencies National Highway Institute

MDOT Concrete Technician Certification MDOT QC/QA Concrete Technician, Class 2 certified MDOT QC/QA Concrete Technician, Class 3 certified

Mississippi Association of County Engineers 1996 Bridge Inspector School

National Utility Contractors Association NUCA Competent Person Training Program

MDOT Concrete Technician Certification MDOT QC/QA Concrete Technician, Class 3 certified

Safety Inspection of In-Service Bridges National Highway Institute Jackson, MS

Concrete Specifications for State Aid Road & Bridge Construction Mississippi Concrete Industries Association

Robert Calvert, Jr 931 East Main Street West Point, MS 39773

EDUCATION

Mississippi University for Women, Columbus, Mississippi B S in Business Administration - Concentration in Computer Information Systems

Fall 1991 to Fall 1993 - Graduated December 1993

Wood Junior College, Mathiston, Mississippi Associate Degree in Business Administration Fall 1990 to Summer 1991 - Graduated May 1991

East Mississippi Community College, Scooba, Mississippi Fall 1989 to Spring 1990

Northeast Mississippi Community College, Booneville, Mississippi Fall 1986 to Fall 1988

EXPERIENCE

1986 to present - Calvert-Spradling Engineers, Inc , West Point, MS AutoCAD Draftsman

1980 to 1986 - Calvert-Spradling Engineers, Inc , West Point, MS Part time various office maintenance tasks, Xerox, Blueprint machine

C & H Properties, Inc , West Point, Mississippi Maintenance

1985 to present - Part time

Beloit Manhattan, Columbus, Mississippi

Practicum for Semior Seminar class at Mississippi University for Women

October 5, 1993 to November 9, 1993

ACTIVITIES

DCA training course

University of New Hampshire of Durham

Durham, NH (Summer 1990)

Robert Calvert, Jr, Resume, (continued)

MEMBERSHIPS Data P

Data Processing Management Association (DPMA)

Spring 1992 to 1993 Treasurer - Fall 1993

CONTINUING EDUCATION

Basic Training Course on Radiation Safety and Use of Nuclear Gauges

Troxler Electronic Laboratories

MDOT QC/QA Concrete Technician, Grade I

Jackson, MS

MDOT QC/QA Concrete Technician, Class 2

Jackson, MS

Microsoft Office

Fred Pryor Seminars, Tupelo, MS

WORK ZONE TRAFFIC CONTROL

Mississippi Center for Technology Transfer Mississippi Department of Transportation

Federal Highway Administration

Jackson State University, Jackson, MS

Advanced GPS Training Seminar

Earl Dudley Associates, Inc

Birmingham, AL

Rusty Bowman Route 1, Box 14

Ackerman, Mississippi 39735

EDUCATION

East Mississippi Community College

Golden Triangle Campus Mayhew, Mississippi

Degree Associate of Applied Science Major Drafting and Design Technology

Skills Surveying, Architectural Drafting, Machine Drafting, Topographical

Drafting, Computer Aided Drafting

Ackerman High School

Ackerman, Mississippi, Graduated May 1985

Scholastic Honors and Awards VICA (Vocational Industrial Clubs of America)

1st Place - Surveying - State Competition - 1988

Mr GTVTC - 1987 Beta Club - 1982-1985

Fellowship of Christian Athletes - 1982-1985 Future Farmers of America - 1982-1985

Vice President 1984

Student Council - 1982, 1984

EXPERIENCE

May 1988 to present Calvert - Spradling Engineers, Inc , West Point, MS Survey Party Chief and Field Inspector

Summer 1987 Bowman Rebuilders, Ackerman, MS, Welder

Summer 1986 Allen Constructions, Inc., Indianola, MS, Welder, Construction

Summer 1984 Sam Oswalt and Son Construction, Ackerman, MS, Welder, Construction

CONTINUING EDUCATION

Certified for Nuclear Densities and Concrete Field Technician American Conc Institute, MS State Highway Dept, Jackson, MS

MS Concrete Industries Association

Concrete Field Testing Technician, Grade I

Rusty Bowman, Resume, (continued)

CONTINUING EDUCATION

Certified Soil Testing

MS Department of Transportation, Jackson, MS

Portland Cement Association

Basic Concrete and Related Field Practice

Metric (SI) Training for Highway Agencies

National Highway Institute

National Hwy Institute

Design and Operation of Work Zone and Traffic Control

MS Center for Technological Transfer

Analysis of Surveying Measurements Surveyors' Educational Seminars Jackson, MS

Land Boundary Location Principles Surveyors' Educational Seminars Jackson, MS

Metric System Conversion Workshop MDOT Jackson, MS

MDOT QC/QA Concrete Technician, Class 2 Jackson, MS

Richard D Murphy Rt 2, Box 455 Ackerman, MS 39735

EDUCATION

Holmes Community College, Goodman, MS (1974) Major Engineering

Completed 30 Semester Hours

EXPERIENCE

1992 - Present - Calvert-Spradling Engineers, Inc , West Point, MS Inspector on water distribution and utility relocation projects

1982 - 1992 - United States Air Force, Columbus AFB, MS Construction Management

- Worked in section which inspected all construction performed by civilian contractors on Columbus surveillance
- Performed pre-bid surveillance reviews on all projects
- Conducted daily inspections on all assigned projects to ensure contractor complied with contract plans and specifications
- Maintained daily reports on all active projects
- Initiated required permits necessary for contractor to accomplish work
- Reviewed contract material submittals for compliance with contract plans and specifications
- Approved/Disapproved contractor requests for payments
- Assisted Engineers in resolving contract modifications and contractor claims
- Conducted surveillance as certified Quality Assurance Evaluator on base service contracts
- Performed administrative duties associated with construction and surveillance work
- Surveyed required areas to insure proper elevations were maintained during construction period
- Coordinated necessary events to prevent unnecessary delays to the contractor and US Air Force (availability of facility, utility outages, airfield closures, acceptance inspections with customers)

EXPERIENCE

1981 - 1982 - U S $\,$ Air Force, Columbus AFB, MS $\,$ Drafting

1979 - 1981 - U S Air Force, Kelly AFB, TX Radio Signals Analyst Specialist

1978 - 1979 - U S Air Force, Iraklion Air Station, Crete

Richard Murphy, Resume, (continued)

AWARDS Air Force Good Conduct Medal

Air Force Longevity Medal Air Force Commendation Medal Joint Service Achievement Medal Air Force Achievement Medal

CERTIFICATIONS Mississippi Concrete Industries Association, Jackson, MS

ACI Field Testing Technician Certification

Concrete Technology

Troxler School for Operation of Nuclear Density Testers

Memphis, TN

William R. Jeffries, IV P O Box 2121 Starkville, MS 39759

EDUCATION

Mississippi State University

B A Commercial Art/Graphic Design

Major Course work consisted of Ad Layout, Package Design, Freehand Drawing, Photography, and Printmaking Minor courses included Business, Literature, and Language

EXPERIENCE

March, 1991 to Present Calvert-Spradling Engineers, Inc., West Point, MS

Computer Graphics Illustrator responsible for producing computer generated drawings of water treatment systems, property surveys, preengineered building plans and topographic maps with AutoCAD graphics systems. Use table digitizer for aerial photo reproduction and pad digitizer for general workstation drawings. Drawings are transferred to laser printer or tractor fed printer for review before being plotted on the Hewlett-Packard large presentation plotter.

December, 1990 to February 1991 Springer Engineering, Starkville, MS Drafting Manager Responsible for coordinating work in drafting department Type of work scheduled included topographic and boundary surveys, water systems drawings, soil boring plans and foundation plans Survey points and elevations are generated on an IBM plotter and transferred to drafting for hand drawing and inking. They are then checked by drafting and engineering before being sent to client. Has Cadliner automatic lettering and blueline machine experience.

March, 1984 to October, 1990 Gulf States Manufacturers, Inc Starkville Associate Coordinator/Research and Development Job duties included product design and development, project planning and application of different graphic art aids. These duties involved technical writing and illustration for our design and product manuals, instructional manuals, brochures and company newsletter. Submitted camera ready drawings to printer and helped with completion and distribution of material. Assisted in project discussions and helped to see that jobs were completed on schedule. Has Calcomp graphics and Macintosh experience.

EXPERIENCE

December, 1982 to December, 1988 United States Army Reserve, 389th Personnel Service Company, Starkville, MS

Personnel Records Specialist including soldier's personal file, health and finance records. Posting documents of promotion, awards, achievements, etc. Typing military correspondence and assigning duties to keep records up to date in unit.

July, 1982 to March, 1984 Business Equipment and Supply Co (BESCO), Columbus, MS

Paste-up and Layout Artist/Darkroom Technician Supervised the work in graphic arts layout department. In charge of photo typeset and PMT paste-ups, stripping of negatives, plate making and darkroom operations. Also, operated offset press.

February, 1981 to July, 1982 Gulf States Manufacturers, Inc , Starkville, MS

Metal Building Draftsman Drew structural plans of buildings for fabrication and erection Consisted of frame plan, elevations, special parts drawings, and packing list Worked directly with customer and sales department to answer questions and solve problems, to allow on time delivery to job site

September, 1980 to February, 1981 Sherwin-Williams, Inc., Prattville, AL.

Assistant Manager Managed local store, handled inventory and customer/contract sales Included bookkeeping of daily deposits and charge accounts Responsible for opening store and getting computer register on line

August, 1979 to September, 1980 Wood Manor Apartments, Starkville, MS

Maintenance Carried out duties of maintaining large apartment complex Various jobs consisted of plumbing and electrical repair, painting, carpentry, pool and lawn upkeep

Karen S Brasher P O Box 601 West Point, MS 39773

EDUCATION

1969 graduate of Rutherford High School, Panama City, Florida Gulf Coast Jr College, Panama City Florida Delta State University, Cleveland, Mississippi Mississippi University for Women, Columbus, Mississippi

EXPERIENCE

January, 1991 to Present Calvert-Spradling Engineers, Inc Engineering Aide/Draftsman Responsible for design and layout of subdivision plats, water and sewer plans, property surveys and descriptions Moderate experience in road design, including plans and specification development Extensive experience in operation of a wide variety of computer systems utilizing complex engineering software and IBM word processors

1989 to December, 1990 Dr Champa Nagappa-West Point Children's Clinic, West Point, MS

Office Manager Responsible for overall supervision of office operations with a staff of three Personally responsible for personnel management of office staff, maintaining full accounting system which includes general ledger, accounts payable, accounts receivable, payroll, and patient payment records Operate and maintain all office records on IBM computer system Provide daily supervision of other office personnel for patient routing, insurance claims, general office duties, and patient medical records

1986 to 1989 Served in the following positions on an interim basis Oak Hill Academy, West Point, as substitute teacher for all grades. West Point Country Club, West Point, as bookkeeper. First Baptist Church, West Point, as secretary. Provided computer services in my home for a variety of clients.

1979-1986 Calvert, Garretson, Spradling Engineers

Engineering Aide/Draftsman Responsible for design and layout of subdivision plats, water and sewer plans property surveys and descriptions Moderate experience in road design, including plans and specification development. Extensive experience in operation of a wide variety of computer systems utilizing complex engineering software and IBM word processors. Responsible for and demonstrated ability to train other office personnel employed in secretarial positions and as computer operators.

EXPERIENCE

1973-1978 First Baptist Church Kindergarten, West Point, MS Teacher-Taught 5 year old kindergarten music and assisted the 5 year old teacher during the first school year Beginning the second semester of the following school year taught 5 year kindergarten

1971-1973 White Construction Co , Inc , Clarksdale, MS Secretary/Cost Accountant Responsible for maintaining all accounting records of large construction firm on a job cost accounting basis. Also responsible for payroll, monthly and quarterly reports, multiple pay requests and contract compliance reports. In addition, performed routine secretarial duties, including typing, answering the phone, filing, and scheduling appointments for company owner.

1970-1971 Clarksdale Printing Company, Clarksdale, MS Sales Clerk/Bookkeeper Duties included helping customers to locate needed items, filling phone orders, posting charges and payments, preparing and mailing out monthly statements

CONTINUING EDUCATION

ESRI Certificate
Introduction to ArcGIS I, April 2007
Mississippi State University, Geo Resources Institute

Civil 3D Essentials Training Center, March 2007 Memphis, TN

Lotus 1-2-3 for Windows (Version 5 0) Mississippi University for Women

Microsoft Office Fred Pryor Seminars Tupelo, MS

Steve Brasher Route 2, Box 68E Eupora, MS 39744

EDUCATION

Training & AOI Certification for Concrete Field Testing Technicians

Eupora High School

Eupora, MS

MS Vocational & Trade Center

EXPERIENCE

February 2002 to Present Calvert-Spradling Engrs, Inc, West Point, MS Responsibilities include inspection of State Aid Road & Bridge projects

June 1996 - February 2002 Ellis Construction, Foreman

Responsibilities included construct bridges, bridge railing, curbs, and box culverts. Maintain and operate backhoe, trackhoe, bulldozer, drag line, and Gomaco paver. Weld bridge railing steel. Prepare time sheets, equipment usage forms and report of progress on job site forms daily Supervise concrete finishers, formers, etc.

1994-1996 Carpenter Construction, Foreman

Responsibilities included construct curbs, box culverts, and house slabs Maintain and operate backhoe, trackhoe, bulldozer, drag line, and trial machine. Weld bridge railing steel. Prepare time sheets, equipment usage forms and report of progress on job site forms daily. Supervise concrete finishers, formers, etc.

1983 - 1988 Elway Construction, Carpenter

Responsibilities included construct bridges, bridge railing, curbs and box culverts. Maintain and operate backhoe, trackhoe, bulldozer and drag line. Weld bridge railing steel.

1982 – 1989 Army National Guard, Field Artillery

CERTIFICATIONS

Certified Welder

Certified Concrete Field Testing Technician, Grade I American Concrete Industry - Jackson, MS

MDOT QC/QA Concrete Technician, Class 2 Jackson, MS

Certified in First Aid and CPR

Steve Brasher, Resume, (continued)

CONTINUING **EDUCATION**

Concrete Specifications for State Aid Road & Bridge Construction Mississippi Concrete Industries Association

Tommy H Davies 504 Converse Drive West Point, MS 39773

EDUCATION

Mississippi State University, Starkville, MS

BS in Forestry

EXPERIENCE

April 1996 to present - Calvert-Spradling Engrs, Inc, West Point, MS Duties include inspection of sewer projects, relocation of water lines due to highway relocation. Inspection for completion of water well

February 1995 to April 1996 - First Baptist Church Duties included custodial and maintenance

July 1994 to February 1996 - Self employed Rental house repair

1993 to July 1994 - Landmark Duties included apartment repair and maintenance

April 1972 to May 1993 - Southern Natural Gas Duties included maintenance and operation of natural gas compressor, and storage of field engines and equipment

1971 to 1972 - Longhorn Construction Company Duties included working with Mill Wrights and Pipe Fitters

1960 to 1971 - Mississippi Forestry Commission, County Forester Duties included being in charge of forest fire protection and management assistance to land owners

1956 to 1960 - Kırby Lumber Corp , Kountz, TX

Duties included District Forester - timber marking, timber sales, timber management, harvesting, tree planting, land management, and layout of roads

1953 to 1954 - U.S. Forest Service, White Pine rust control and fire fighting

1949 to 1952 - U S Marine Corp Rank - Sergeant Ordinance - Small Arms Armorer

Janet W Robertson 1627 Old Waverly Road West Point, MS 39773

EDUCATION

Diploma from Oak Hill Academy, West Point, MS May 1977

Mississippi State University, Mississippi State, MS Bachelor of Business Administration in Banking & Finance May 1983

Mississippi University for Women, Columbus, MS Bachelor of Science in Accounting December 1995

EXPERIENCE

October 2006 to Present Calvert-Spradling Engrs, Inc, West Point, MS Office Manager Responsibilities include payroll, tax deposits, general ledger, accounts payable and receivable and maintain personnel files, Serve as purchase clerk and perform general secretarial duties, Prepare pay requests and maintain billing files for engineering projects

February 2004 to October 2006 Prestage Farms, Inc , West Point, MS Group Accountant Responsible for recording placements of swine from farms to nurseries, nurseries to contract growers, and growers to processors, Set up and maintain individual projects from beginning to end, Reconcile projects at close and prepare payment computations for each

September 2003 to February 2004 Bankfirst Financial, West Point, MS CSR and Teller Order checks for customers, open new savings & checking accounts, open CD's and IRA's, order office supplies, assist customers with questions and/or problems, operate a window in teller row on an as-need basis

September 1996 to April 2003 York Casket Co , West Point, MS Office Manager Responsible for all payroll, accounts payable and receivable, general ledger, and human resource duties, supervision of five office personnel, chairperson of safety committee

May 1986 to Sept 1996 Watkins, Ward & Stafford, West Point, MS Para-Professional Accountant Responsible for preparation of monthly financial statements for many different clients, prepared sales tax returns, payroll tax deposits, quarterly payroll reports, W-2 s and 1099's

December 1977 to May 1986 Larry White Chevrolet, West Point, MS Bookkeeper Duties included accounts payable and receivable, general

ledger, and payroll

AFFILIATIONS Member, First Christian Church

Notary, State of MS

CONTINUING Microsoft Office - Excel

EDUCATION East Mississippi Community College, Mayhew, MS James Sanders 52158 Highway 8 East Aberdeen, MS 39730

EDUCATION

Certificate in Drafting and Design Technology from Itawamba

Community College-Tupelo campus

August 1978

Aberdeen High School

May 1976

EXPERIENCE

September 2007 - present

Calvert Spradling Engineers, Inc.

Inspector on water distribution and utility relocation projects

June 2004 - September 2007

Self-Employed - Sanders Construction

In charge of day-to-day operations consisting of bidding projects, design, and coordinating sub-contractors, lead carpenter on residential construction projects

August 1980 - September 2004

Mississippi Department of Transportation (retired)

Supervised contractors during construction of highway and bridge projects, calculated and recorded quantities of materials to be used during construction and for payment, conducted surveying activities for grading and design, assisted in all elements of highway construction including preliminary surveys, drafting, constructing, and inspection of highway projects

May 1976 - August 1977

Apprentice carpenter on residential projects

Willie T Holmes 2604 Redbud Starkville, MS 39759

DEGREE.

Bachelor of Science emphasis in Engineering

Mississippi State University

May, 1956

EDUCATION

Diploma from Lexie High School Walthall County, Mississippi in 1950 Southwest Junior College, 1952-1954 Mississippi State University, 1954-1956

EXPERIENCE

January 1987 to Present Calvert-Spradling Engineers, Inc., West Point, MS Serve as engineering technician. Prepares engineering and economic feasibility reports and Environmental Assessments for water systems, State Aid Highway Projects, wastewater and various other projects. Collects field data for use in final preparation in engineering designs and cost estimates. Performs construction inspection which includes running compaction tests, testing of fresh concrete, and preparing specimens for strength tests. Checks grades and dimensions for accuracy to meet plans and specifications. Prepares pay estimates and as-built plans.

April 1984 to January 1987 Watershed Planning Staff, Jackson, MS Civil Engineer Supervised a staff of engineers, hydrologists, biologists, geologists, economists, and others in gathering information and making engineering and economic analysis of combinations of floodwater retarding structures, land treatment, and channels to determine the most cost effective means to reduce flooding and erosion damages in watersheds

July 1980-April 1984 Watershed Planning Staff, Greenwood, MS Staff Leader As leader, supervised various staffs in gathering and analyzing information to determine the most cost effective means to reduce flooding and erosion damages in watersheds in the Mississippi Delta and the Bluff Hills on its East boundary This staff was disbanded in April of 1984

July 1973 to July 1980 Watershed Planning Staff, Jackson, MS Engineer As Engineer of planning staff, supervised surveys, prepared preliminary designs and cost estimates for single and multi-purpose floodwater retarding structures and flood prevention channels Prepared support maps, tables, and data for making economic analysis and for inclusion in watershed plans

EXPERIENCE

November 1969 - July 1973 Watershed Planning Staff, Starkville, MS Civil Engineer Supervised surveys, prepared preliminary designs and cost estimates for single and multi-purpose floodwater retarding structures and flood prevention channels Prepared support maps, tables, and data for making economic analysis and for inclusion in watershed plans

August 1964 to November 1969 Assistant Project Engineer, Tupelo, MS At the direction of the Project Engineer, supervised surveys for floodwater retarding structures and flood prevention channels Prepared reservoir maps, landright maps, and administered contracts for construction

August 1959 to August 1964 Watershed Planning Party, Mississippi State University, Starkville, MS

Civil Engineer Supervised surveys, prepared preliminary designs and cost estimates for single and multi-purpose floodwater retarding structures and flood prevention channels, and prepared support maps and data for inclusion in watershed plans

April 1957 to August 1959 Agricultural Engineer in Quitman County, MS Surveyed, designed, and supervised the installation of drainage systems and the leveling of farmland

August 1956 to April 1957 Assistant Area Engineer, Meridian, MS Assisted Area Engineer in carrying out engineering phases of soil conservation work in ten-county area. Work consisted of surveying, design and installation of small drainage systems, farm ponds, and terraces

Summers 1953-1955 Student trainee with the Soil Conservation Svc

January 1951 to August 1952 U S Army

CONTINUING EDUCATION

Geo-Hydrology

University of Southern Mississippi (1979)

Certified for Concrete Field Technician American Concrete Institute, Jackson, MS (1988)

Design and Work Zone Traffic Control Jackson, MS (1988)

Asphalt Seminar
Jackson, MS (1989)
Certified for Nuclear Densities and Concrete Field Technician

Willie T Holmes, Resume, (continued)

CONTINUING EDUCATION

American Concrete Institute, Mississippi State Highway Department Jackson, MS (1989)

Community Development Block Grant Seminar Jackson, MS (1994)

U S Army Corps of Engineers Wetland Delineator Certification Program Water Resources Development Act of 1990 presented by Wetland Resources Mobile, AL (April 1997)

RESUME

George Richard Schimmel, Jr 1408 Longview Road Macon, MS 39341

EDUCATION

Bachelor of Science in Electrical Engineering

Mississippi State University, 1975

Graduated from Central Academy in May, 1971

EXPERIENCE

August 2005 to Present, Resident Project Representative, Calvert-Spradling

Engineers, Inc , West Point, Mississippi

October 1987 to July 2005, Superintendent of the City of Macon Electric

and Water Department, Macon, Mississippi

December 1983 to April, 1987, Energy and Environmental Engineer,

Diversitech General, Columbus, Mississippi

April 1983 to November 1983, Substitute Rural Carrier for the Macon

Post Office, Macon, Mississippi

After the death of my father in 1975, assumed management of the family

farm

ACTIVITIES

Active member of Macon Presbyterian Church, presently serving as Elder

PERSONAL INTERESTS

Raising cattle, woodworking, reading, computers, and forestry

CALVERT-SPRADLING ENGINEERS, INC

Record of Surveying Experience

Field Surveys and/or construction staking are included as a part of the project record of Transportation/Drainage Project Experience A few significant surveys conducted by Calvert-Spradling Engineers Inc., are as follows

Golden Barrion			ETEM ST	
Red Hills Power Plant Survey	406 acres	F	ALTA Survey	Choctaw County
Severstal Steel Mill Survey	1289 acres	F	ALTA Survey	Lowndes County
PACCAR Engine Plant	295 acres	F	ALTA Survey	Lowndes County
Highway 25 Right-of-Way Acquisition			Acquisition maps	Monroe &
Maps	± 13 miles	F	& descriptions	Itawamba County
Highway 45 Survey	± 4 miles	F	Field Survey	Lowndes County
Choctaw Gas Generation	50 acres	F	ALTA Survey	Choctaw County
Sanderson Plumbing	32 acreas	F	ALTA Survey	Lowndes County
SAP Road Projects	Numberous	F	Acquisition maps & descriptions	Clay County

Status B=Bid, C=Construction D=Design and F=Final

RECORD OF PREVIOUS EXPERIENCE

746

CAPACITY FOR PERFORMANCE

The following individuals are identified as major project personnel

Project Manager Robert L Calvert, P E /P L S

Design Engineer John Freeman, P E

Environmental Specialist Willie Holmes

Survey Party Chief Rusty Bowman

Chief Inspector Dale Rhodes

Principal Draftsman/AutoCADD Robert L Calvert, Jr

Survey Intern Preston Sullivan

Testing Technician Greg Bagwell

The above list of individuals will be assigned the task related to their field of work

CAPACITY FOR PERFORMANCE

748

£ 2

Greg Bagwell, Resume, (continued)

Administration

Work Zone Traffic Control Devices Mississippi Dept of Transportation, Federal Highway

Jackson State University

Concrete Specifications for State Aid Road & Bridge Construction Mississippi Concrete Industries Association

RESUME

Greg Bagwell Route 5, Box 351 West Point, MS 39773

EDUCATION

Ackerman High School

Ackerman, MS

EXPERIENCE

March 1992 to present - Calvert - Spradling Engrs, Inc, West Point, MS Responsibilities include inspection of State Aid Road & Bridge projects, water and sewer projects, design and construction stakeout

June 1991 - March 1992 - Allen Electric & Refrigeration, Ackerman, MS Electrician

December 1990 - June 1991 - National Guard Activated for Desert Shield/Storm

March 1988 - December 1990 - AMOCO, Louisville, MS Manager of mechanics

May 1984 - March 1988 - Allen Electric & Refrigeration, Ackerman, MS Electrician

1978 - Present MS Army National Guard - Rank E-6 - Gunnery Sgt

15 years service - B-Btry 2-114FA

PROFESSIONAL AFFILIATIONS

NCO Association

Mıssissippi National Guard

CERTIFICATIONS

Certified Concrete Field Testing Technician, Grade I

American Concrete Industry - Jackson, MS

MDOT QC/QA Concrete Technician, Class 2

Jackson, MS

Certified for Soil Testing

Mississippi Department of Transportation, Jackson, MS

CONTINUING EDUCATION

Troxler School for Operation of Nuclear Density Testers

Jackson, MS

PROJECT AWARDS RECEIVED BY CALVERT-SPRADLING ENGINEERS, INC

- 2001 "The Millennium Project Constructing Fresh Water for the Future"

 Constructing an iron removable water treatment facilities for two new 2,400 GPM

 Deep Wells The treatment plant helps the City of West Point to meet the increasing demand from residential and two major industrial users
- *1999 "GPS Highway Staking"

 Construction staking of a two-mile access highway serving the Red Hills Power
 Project was provided using Global Position System (GPS) for the Choctaw County
 Board of Supervisors The new concept of GPS offers the timely means to better
 productivity and precision
- *1994 "Settlement Control for Heavy Storage Tanks"

 Foundation design provided minimum settlement for two 9 5 million pound caustic soda storage tanks located on a manmade hydraulic landfill for Tenn-Tom Tank, Inc in Columbus, Mississippi
- *1992 "Water Supply Development"

 The Coker Formation, an unexplored artesian aquifer, was developed to solve a water supply shortage for Vista Polymers, Inc. in Aberdeen, Mississippi. These wells are now recorded as Mississippi's most productive
- 1991 "Efficient Solution for Wastewater Treatment"

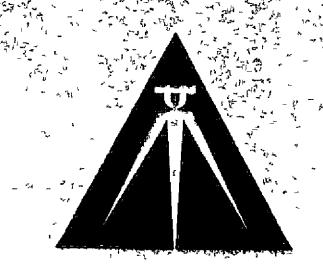
 The existing sewer facilities were incorporated into the proposed sewer treatment facility upgrade for the City of West Point to meet more stringent environmental discharge requirements
- 1990 "Wetlands Wastewater Treatment"

 The project entailed new technology for wetlands treatment of the Town of Artesia sewerage
- *1989 "Computerized Traveling Arc System For Street Reconstruction"

 The project was the reconstruction of Pearl Street located in the City of Macon
 The design was developed using an enhanced computer program
- 1988 "Planning Solves Water Shortage"

 The \$3 8 million dollar project involved development of a new water supply for the City of West Point and improvements to the water distribution system
- *CEC/MS Grand Conceptor Award Winner

AWARDS



Calvert-Spradling Engineers, Inc.



662-494-7101 P O Drawer 1078 • Highway 45A • West Point, Mississippi 39773



GOLDEN TRIANGLE Planning and Development District, Inc

Post Office Box 828

Starkville MS 39760 0828

Telephone (662) 324 7860

Fax (662) 324 1911

Cecil Hamilton
President

Robert E Boykin Vice President Jimmie Oliver Secretary / Treasurer Rupert L "Rudy" Johnson Executive Director

August 7, 2012

Mr Robert Calvert Calvert-Spradling Engineers P O Drawer 1078 West Point, MS 39773

Dear Mr Calvert

The Clay County Board of Supervisors has selected your firm to be the Surveyor for their 2011 HOME grant for the reconstruction of 4 houses in Clay County Enclosed please find two copies of a contract, signed and approved by the Board of Supervisors for these services. If you will accept this offer and agree to the price specified in the contract, please sign both copies and return one to me. You may keep one copy for your records. I have also enclosed a list of the four homeowners with their addresses and phone numbers. I will also provide you with copies of deeds and any other information that I might have that will be helpful. As we discussed earlier, time is of the essence in getting these done, due to our pre-bid conference being set for August 23rd. Once these property surveys are complete, you can mail the reports to me at the above address or call and I will be happy to pick them up

I look forward to working with you on this project and if you need help in setting up these inspections, please call me at 662-769-1097

Sincerely,

Patsy Patterson Housing Specialist

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CONTRACT FOR RESIDENTIAL PROPERTY SURVEYOR BETWEEN

CLAY COUNTY , MISSISSIPPI AND CALVERT-SPRADLING ENGINEERS

This Contract is made and entered into by and between Clay County Board of Supervisors, hereinafter known as Grantee, and Calvert-Spradling Engineers, hereinafter known as Surveyor, for certain professional services as more fully hereinafter set forth

Grantee desires to engage the Surveyor to render certain professional services in connection with their **HOME grant** #-1123-11-SG-280-181 (Homeowner Rehabilitation), said services being more fully set forth in Section I of this Contract

I SCOPE OF SERVICES

The grantee engages the Surveyor to perform a boundary survey and plot map for four (4) houses to be demolished as a part of the above-referenced project

The Surveyor will work closely with Golden Triangle PDD and the homeowner in establishing dates and times for inspection

A separate report will be filed for each house according to MDA guidelines

II PERIOD OF PERFORMANCE

The Surveyor shall diligently undertake the performance of services referred to in Section I entitled "Scope of Services" and will to the extent possible complete these surveys within 15 days from date of this contract

III CONSIDERATION

The Consideration that shall be paid by Grantee to Surveyor for rendering of professional services for boundary survey and plot map, as set forth herein, shall be as follows

A sum of \$800 per house for 4 houses, not to exceed Thirty-Two Hundred dollars (\$3,200) total payable from the HOME grant Funds approved for the Grantee

IV METHOD OF PAYMENT

The Consideration enumerated in section III of this Contract entitled "Consideration" shall be paid to the Surveyor by the Grantee provided the services so described in section I have been satisfactorily completed

V TERMINATION OF CONTRACT

This Contract shall terminate upon completion of the services described in Section I entitled "Scope of Services" and upon payment in full for the same by Grantee as provided for in Section III entitled "Consideration"

VI UNILATERAL TERMINATION

If, through any cause, the Surveyor shall fail to fulfill in timely and proper manner, its obligations under this Contract, or if the Inspector shall violate any of the covenants, agreements, or stipulations of this Contract, the Grantee shall thereupon have the right to terminate this Contract by giving written notice to the Surveyor of such termination and specifying the effective date thereof at least 30 days before the effective date of such termination. In that event, all finished documents, data, and reports prepared by the Surveyor under this Contract shall, at the option of the Grantee, become the Grantee's property and the Surveyor shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents and other materials. The Surveyor shall have the right to reproduce any of such documents and other materials

Notwithstanding the above, the Surveyor shall not be relieved of liability to the Grantee for damages sustained by the Grantee by virtue of any breach of agreement by the Surveyor, and the Grantee may withhold payments to the Surveyor for the purpose of setoff until such time as the exact amount of damages due the Grantee from the Surveyor is determined

VII CHANGES

Any changes in the scope of services of the Surveyor to be performed hereunder, including any increase or decrease in the amount of the Surveyor's compensation and any change in the period of performance or any time limitation for submission of any required reports which are mutually

agreed upon between the Grantee and Surveyor, shall be incorporated in written amendments to this Contract

VIII EQUAL EMPLOYMENT OPPORTUNITY

- The Survyeor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin The Inspector shall take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, age or national origin. Such actions shall include but not be limited to the following rates of pay, employment, upgrading, demotions, transfers, recruitment or recruitment advertising, layoffs or terminations, selection for training including apprenticeship, and participation in recreational and educational activities. The Surveyor agrees to post in conspicuous places available to employees and applicants for employment notices to be provided setting forth the provisions of this The Surveyor will in all solicitations or nondiscrimination clause advertisements for employees placed by or on behalf of the Grantee, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, or national origin. The Surveyor will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Contract so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials
- B The Surveyor shall keep such records and submit such reports concerning the racial and ethnic origin of applicants for employment and employees as the U.S. Department of Housing and Urban Development may require
- C The Surveyor agrees to comply with such rules, regulations, or guidelines as the U S Department of Housing and Urban Development may issue to implement these requirements

IX CONFIDENTIALITY

Any reports, information, data, etc given to or prepared or assembled by the Surveyor under this Contract shall not be made available to any individual or organization by the Grantee without the prior written approval of the Surveyor

X PROFESSIONAL COMPETENCE

The Surveyor certifies that the professional staff assigned to perform the services identified in Section I, "Scope of Services," of this Contract collectively possess adequate professional proficiency for performing the work required

XI CONFLICT OF INTEREST

The Surveyor covenants that during the period to be covered by this Contract, the Surveyor shall have no interest directly or indirectly with respect to the Grantee which creates a conflict of interest. The Surveyor further covenants that in the performance of this Contract no person having such interest shall be employed. No member, officer, or employee of the Inspector and no other public official who exercises any responsibilities or functions with respect to the Community Development Block Grant or this Contract during the tenure of this Contract or for one (1) year thereafter shall have any interest direct or indirect in this Contract or the proceeds thereof. No member or delegate to the Congress of the United States shall be admitted to any share or part of the Contract or to any benefit that may arise therefrom.

XII RETENTION OF RECORDS

For a period of five (5) years after final payment under this contract, the Surveyor shall make all work papers, records, and other evidence of audit available to the U.S. Department of Housing and Urban Development and to the Comptroller General of the United States or other authorized parties. All authorized parties who are entitled to accession to these records shall also be entitled to reproduce any or all of such documents at their expense for which provision shall be made at the time the need for reproduction arises

XIII RIGHT TO AUDIT

The Surveyor shall keep and maintain books, records, and other documents relating directly to the receipt and disbursement of such grant funds. Any duly authorized representative of the Mississippi Development Authority, Community Services Division, the U.S. Department of Housing and Urban Development (HUD), and/or the Controller General of the United States shall, at all reasonable times, have access to and the right to inspect, copy, audit, and examine all such books, records, and other documents of the Inspector until the completion of all close-out procedures respecting this grant and the final settlement and conclusion of all issues arising out of this grant.

XIV **ACCESS TO PROJECT**

The Surveyor agrees that any duly authorized representative of the Mississippi Development Authority, Community Services Division, the U.S. Department of Housing and Urban Development (HUD), and/or the Controller General of the United States shall, at all reasonable times, have access to any portion of the Project in which the Inspector is involved until the completion of all close-out procedures respecting this grant

XV ANTI-KICKBACK RULES

The Surveyor shall comply with all applicable "Anti-Kickback" regulations and shall insert appropriate provisions in all other contracts or subcontracts covering work under this Contract to insure compliance with such regulations

XVI COMPLIANCE WITH STATE AND LOCAL LAWS

The Surveyor agrees to comply with all applicable laws, ordinances, or codes of the State of Mississippi or the Websier County Board of Supervisors in performing any of the work embraced by this Contract

XVII EFFECTIVE DATE

The effective date of this contract shall be August 7, 2012

If any part of this Contract shall be judged invalid or void, then and in that event only, that part of Contract shall fail and the remaining provisions shall remain in full force and effect

WITNESS OUR HANDS, this the 7th day of August , 2012

CLAY COUNTY BOARD OF SUPERVISORS . }

CALVERT-SPRADLING-ENGINEERS

Potet 1 about

DATE___8/7/12_

IN THE MATTER OF ACCEPTING THE ASBESTOS INSPECTOR AND SURVEYOR PROPOSAL RATING SHEETS FOR THE HOME PROJECT GRANT NO 1123-11-SG-280-181

There came on this day for consideration the matter of Asbestos Inspector and Surveyor Proposal Rating Sheets for the HOME Project Grant No 1123-11-SG-280-181

It appears to this Board as attached hereto as Exhibit "A" the need to be made a part of this Board's Minutes the Asbestos Inspector and Surveyor Proposal Rating Sheets for the HOME Project Grant No 1123-11-SG-280-181

After motion by Shelton Deanes and second by Lynn Horton, this Board doth vote unanimously to accept the Asbestos Inspector and Surveyor Proposal Rating Sheets as a part of this Board's Minutes as attached hereto as Exhibit "A"

SO ORDERED, on this 7th day of August, 2012

ASEBESTOS PROPOSALS Clay County, Missisisppi DATE <u>July 26, 2012</u>

	NAME	QUALIFICATIONS (40 POINTS)	EXPERIENCE IN SIMILAR PROJECTS (40 POINTS)	CAPACITY TO DO WORK TIMELY (20 POINTS)	REMARKS
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	Environ Eval - Control*	40	40	15	92800 total 4= 70
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(1) QUALIFICATIONS - General knowledge and expertise in providing services (40 pts)

(2) EXPERIENCE -Past experience in similar projects, i e CDBG and HOME program (40 pts)

(3) CAPACITY - Capability of staff to perform work in a timely manner (20 pts)

Clay County Board of Supervisors

Date 8-6-12

SURVEYOR PROPOSALS Clay County, Missisisppi DATE_ July 26, 2012

NAME	QUALIFICATIONS (40 POINTS)	EXPERIENCE IN SIMILAR PROJECTS (40 POINTS)	CAPACITY TO DO WORK TIMELY (20 POINTS)	REMARKS	
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(1) QUALIFICATIONS - General knowledge and expertise in providing services (40 pts)

(2) EXPERIENCE -Past experience in similar projects, i e CDBG and HOME program (40 pts)

(3) CAPACITY - Capability of staff to perform work in a timely manner (20 pts)

Clay County Board of Supervisors

Date 8-6-12

NO.		

IN THE MATTER OF ADVERTISING FOR A BUILDING CONSTRUCTION CONTRACTOR FOR THE HOME PROJECT

There came on this day for consideration the matter of advertising for a building construction contractor for the HOME Project

It appears to this Board that Patsy Patterson with Golden Triangle Planning & Development is requesting this Board to advertise to accept construction proposals for a building construction contractor on the HOME Project on September 6, 2012 at 9 00 o'clock A M

After motion made by Shelton Deanes and second by Lynn Horton, this Board doth vote unanimously to authorize the President to advertise to accept a building construction contractor for the HOME Project on September 6, 2012 at 9 00 o'clock A M

SO ORDERED, on this the 7th day of August, 2012

President

NO			
NU			

IN THE MATTER OF APPROVING THE CLAY COUNTY JUSTICE COURT DRUG COURT COMMUNITY WORK PROGRAM TIMESHEETS

There came on this day for consideration the matter of approving the Clay County Justice Court Drug Court Work Program timesheets

It appears to this Board as attached hereto as Exhibit "A" the Community Work Program timesheets have been presented for approval by this Board for certain individuals who are currently enrolled in the Clay County Justice Court Drug Court Community Work Program, who have worked off their Justice Court fines, limited up to Five Hundred Dollars (\$500 00) per individual to be allowed to be worked off, in lieu of payment of said fines

After motion made by R B Davis and second by Lynn Horton, this Board doth vote unanimously to approve the Community Work Program timesheets as attached hereto as Exhibit "A" and to authorize credit to be given to the said individual's Justice Court fine, with the credit amount not to exceed Five Hundred Dollars (\$500 00) per individual at the minimum wage rate in lieu of payment of said fines

SO ORDERED, on this the 7th day of August, 2012

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Clay County, MS PAYROLL TIME SHEET

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Clay County, MS PAYROLL TIME SHEET

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#### IN THE MATTER OF TRANSFERRING FIXED ASSET NO WF169 ROSENBAUER FIRE TRUCK 2008 TO PHEBA VOLUNTEER FIRE DEPARTMENT FROM THE UNA / PALO ALTO VOLUNTEER FIRE DEPARTMENT

There came on this day for consideration the matter of transferring Fixed Asset No WF169 Rosenbauer Fire Truck 2008 to the Pheba Volunteer Fire Department from the Una / Palo Alto Volunteer Fire Department

It appears to this Board the current truck, WF154 International Truck 1997, at Pheba Volunteer Fire Department is in need of repairs and the pumper is not working properly. It further appears to this Board that an application was submitted with Round 10 of Rule Fire Truck Acquisition Assistance Program on December 27, 2011 to purchase the Pheba Volunteer Fire Department a new truck, but the Mississippi Legislature did not fund the Truck Acquisition Program for the year 2012 and until said funding is appropriated, the truck will not be funded through the RFTAAP

It further appears to this Board the satellite unit of the Una Volunteer Fire Department, the Una / Palo Alto Volunteer Fire Department, has a fire truck No WF169 Rosenbauer Fire Truck 2008 in great condition, which could be utilized by the Pheba Volunteer Fire Department. It further appears to this Board that currently the Pheba Community has a Class 8 fire rating and if another truck is not transferred or purchased for the Pheba Volunteer Fire Department to be used for fire protection in the Pheba Community, the fire rating could possibly increase to a Class 10, which would increase the insurance premiums of the homeowners within the said Pheba Community

After motion by Floyd McKee and second by R B Davis, the President called for a vote with the said members of the Board voting as follows

District One Supervisor Lynn Horton voted	"Nay"
District Two Supervisor Luke Lummus voted	"Aye"
District Three Supervisor R B Davis voted	"Aye"
District Four Supervisor Shelton Deanes voted	"Nay"
District Five Supervisor Floyd McKee voted	"Aye"

THEREFORE, having the majority vote, the motion carried to authorize the WF169 Rosenbauer Fire Truck 2008 to be transferred to the Pheba Volunteer Fire Department to be utilized by the said fire unit until funding becomes available to purchase a new truck through the RFTAAP Program, or other means not to exceed a one (1) year time period, and upon a truck

being purchased for the said Pheba Volunteer Fire Department, the said WF169 Rosenbauer Fire Truck 2008 shall be transferred back to the Una / Palo Alto Volunteer Fire Department

SO ORDERED, on this the 7th day of August, 2012

President

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## IN THE MATTER OF PARTICIPATING IN ROUND ELEVEN OF THE RURAL FIRE TRUCK ACQUISITION ASSISTANCE PROGRAM

There came on this day for consideration the matter of participating in round eleven of the Rural Fire Truck Acquisition Assistance Program

It appears that the RFTAP provides great benefit in providing new fire trucks for the volunteer fire units of Clay County, and

It appears that it would benefit Clay County to participate in the Round 11 of the said program, and

It appears that the Una Volunteer Fire Department (Unit 400) should be the beneficiary for the Round 11 application.

After motion by Floyd McKee and second by Shelton Deanes this Board doth vote unanimously to authorize the President to execute the Round 11 application and to designate the new truck go to the Una Volunteer Fire Unit

So Ordered, this the _____ day of _______, 2012

President



### Clay County Board of Supervisors

P O Box 815

West Point, Mississippi 39773
Phone (662) 494-3313
Fax (662) 492-4059
Website claycountyms. com
E-mail abserv@claycounty ms.gov

District 1
Lynn D Horton
District 2
Luke 1 immus President
Oistrict 3
R.B. Davis
District 4
Shelton Deanes
Vice President
District 3
I toyd McKee

September 21, 2012

MS State Fire Coordinator Attn Larry Barr P O Box 79 Jackson, MS 39205-0079

Re Clay County Round 11

Dear Mr Barr

Enclosed please find the Round 11 application for the Rural Fire Truck Acquisition Assistance Program for Clay County

Thank you for all of the assistance you have shown to Clay County during the last 9 months. I think everything is about to be wrapped up and hopefully, sending you the contracts to execute Please let me know if you should have any questions

Sincerely,

Amy G Berry

Chancery-Clerk-

Clay County, MS

Enclosure

NO			

### IN THE MATTER OF AUTHORIZING TRAVEL FOR THE CLAY COUNTY TAX ASSESSOR / COLLECTOR

There came on this day for consideration the matter of authorizing travel for the Clay County Tax Assessor / Collector

It appears to this Board that on September 17-21, 2012 at the Brandon / Rankin County Extension Office in Brandon, Mississippi, there will be a Mississippi Tax Collector Education & Certification Program provided by the Center for Governmental Training and Technology and the said cost of the training is \$150 00 registration fee, mileage, and meals

After motion by Lynn Horton and second by Shelton Deanes, this Board doth vote unanimously to authorize Deputy Tax Assessor / Collector, Kay Frost, to travel to the said Mississippi Tax Collector Education & Certification Program provided by the Center for Governmental Training and Technology on September 17-21, 2012

SO ORDERED, on this the 7th day of August, 2012

## Mississippi Tax Collector Education & Certification Program Collector of Revenue Training

#### When and Where

July 30-August 3, 2012-Oxford Conference Center 102 Ed Perry Blvd Oxford

August 13-17, 2012-Hattiesburg Forrest County Extension Conference Center 962 Sullivan Drive, Hattiesburg September 10-14, 2012-Stoneville
Delta Research and Extension Center
82 Stoneville Road, Stoneville

September 17-21, 2012-Brandon Rankin County Extension Office 601 Marquette Road, Brandon

#### Courses Schedule

Monday - Registration 12 00 pm - 1 00 pm

Monday-Session I 1 00 pm - 5 00 pm

- o Overview of Local Government
- o Public Relations
- Internal Controls

Tuesday- Session II 9 00 am-4 00 pm

- o Ad Valorem Tax 101
- o Local Privilege License
- o Real Personal Mobile Home Collection
- o lax Sales (Real, PP, MH)
- o Solid Waste Collection

Test over Session I & II

Wednesday-Session III 9 00 am-4 00 pm

o Itles

Thursday-Session IV 9 00 am-4 00 pm

- o Tags
- o Sales and Use Taxes

Friday-Session V 9 00 am-12 00 pm

- Tags and Titles Review
  - Test over Session III, IV, V

The test will be split into two sections Session I & II Test and Session III, IV, and V Test Each test will be 25 multiple choice questions allowing I hour for completion. A combined score of 70% is required to pass

Registration http://ts8 formsite.com/MSUCGT/torm2/index.html

Due 2 Weeks Prior to 7 raining

Registration Fee - \$150.00-Refreshments, Meeting Room, and Course Materials

Hotel Reservation Information

Each participant will be responsible for their own hotel reservations. A list of state contracted hotels in cities around the state can be found at

http://www.dfa.state.ms.us/Purchasing/StateContracts/Hotels/HotelMotelContract962.pdf

#### For Additional Information Contact

Janet Baird

Center for Governmental Training & Technology
Mississippi State University Lytension Service
Telephone Number 662-325-3141 E-mail janetb@ext msstate edu

and the second

NO
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### IN THE MATTER OF AUTHORIZING THE PRESIDENT TO EXECUTE THE FEMA 2012 FINAL INSPECTION REPORT

There came on this day for consideration the matter of authorizing the President to execute the FEMA 2012 Final Inspection Report

It appears to this Board as attached hereto as Exhibit "A" the 2012 Final Inspection Report from FEMA is needed to be certified

After motion by Shelton Deanes and second by Lynn Horton, this Board doth vote unanimously authorize the President to execute the 2012 Final Inspection Report as attached hereto as Exhibit "A" for FEMA

SO ORDERED, on this the 7th day of August, 2012

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#### Amy Berry

From Eric T Church <echurch@mema ms gov>

Sent Friday August 03 2012 10 53 AM

To aberry@claycounty ms gov

**Subject** FEMA-1972-DR-MS, Clay Co BOS FIR

Attachments Clay Co FIR pdf, Clay County BOS 2012 Final Inspection Report xls

#### Good Morning Amy,

Would you please print out the 2012 Final Inspection Report (FiR) attached, sign with blue ink (2 pages), and mail back to me

MEMA Attn Eric Church 220 Popps Ferry Road Biloxi MS 39531

I have attached the "original" FIR that you signed for your review to see that the dollar figures have not changed. The reason for resigning the FIR is that when it was created, an incorrect date (7-14-2011) populated into the form. The revised FIR has the corrected completion dates.

If you have any questions, please feel free to contact me I apologize for this inconvenience

Thank you

Eric T Church
Public Assistance Project Officer
Mississippi Emergency Management Agency (MEMA)
Cell (228)369-8498
echurch@mema_ms_gov<mailto_echurch@mema_ms_gov>

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## IN THE MATTER OF AUTHORIZING THE PRESIDENT TO EXECUTE THE DECLARATION AND ACCEPTANCE OF MDEQ FINANCIAL ASSISTANCE FOR THE 2011 NATURAL DISASTER DEBRIS CLEANUP

There came on this day for consideration the matter of authorizing the President to execute the Declaration and Acceptance of MDEQ Financial Assistance for the 2011 Natural Disaster Debris Cleanup

It appears to this Board that due to the storm that occurred in Clay County on April 27, 2011, Clay County qualifies to receive financial assistance from MDEQ for the Natural Disaster Debris Cleanup in the amount of \$65,103 81

After motion by Shelton Deanes and second by RB Davis, this Board doth vote unanimously to authorize the President to execute the Declaration and Acceptance of MDEQ Financial Assistance for the 2011 Natural Disaster Debris Cleanup

SO ORDERED, on this the 7th day of August, 2012

President



#### STATE OF MISSISSIPPI

PHIL BRYANT GOVERNOR

#### MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

TRUDY D. FISHER LXECUTIVE DIRECTOR

May 3 2012

Mr Luke Lummus, President Clay County Board of Supervisors P O Box 815 West Point MS 39773

Dear Mr Lummus

It is with great pleasure that I am able to inform you that the Mississippi Department of Environmental Quality (MDEQ) is prepared to provide financial assistance to the Clay County Board of Supervisors to help with the unprecedented and unplanned costs associated with solid waste management activities resulting from the devastating tornado which struck your area last year. While FEMA and MEMA have provided or are expected to provide, significant financial assistance, most local governments have indicated to us that their budgets did not contemplate outlays for natural disasters of the magnitude that was experienced this past year.

As you know, FEMA normally provides financial assistance equal to 75% of eligible costs for debris management (Category A costs). Additionally MEMA usually provides funds for half of the local 25% share leaving local governments the responsibility of absorbing the remaining 12.5%. We are pleased to announce that MDEQ expects to be able to provide financial assistance to the Clay County Board of Supervisors in the amount equal to your local 12.5% cost share associated with this disaster.

Furthermore, in addition to Category A costs ruled eligible for reimbursement by FEMA for this disaster event we understand that certain debris management and disposal costs incurred by you associated with Federal Aid roads were ruled ineligible for federal reimbursement. MDEQ is also prepared to provide reimbursement to the Clay County Board of Supervisors for 50% of these expenses as reported to FEMA and declared ineligible for federal assistance.

In most instances no expense records are necessary to claim this assistance as records have already been submitted to FEMA/MEMA. Those records provided to us from MEMA indicate that Clay County's total eligible costs for Category A projects approved by FEMA/MEMA for this past year's April tornado event were \$248,472.91 Assuming that this figure represents all the Category A costs that the Clay County Board of Supervisors plans to submit to FEMA for this event, this means that your local share (excluding MEMA's share) was \$31.059.11

AN EQUAL OFFORTUNITY EMILOYER

OFFICE OF POLI UTION CONTROI

PUST OFFICE BOX 2261 • JACKSON MISSISSIFIT 39225 2261 • TCL (601) 961 5171 • FAX (601) 354-6612 • www.deq state ms its

Clay County Board of Supervisors Letter May 3 2012 Page 2 of 2

Additionally, records provided to us from MEMA indicate that Clay County's expenses associated with the cleanup of Federal Aid roads which were subsequently ruled as ineligible for federal disaster assistance amounted to \$68,089.39. This means that MDEQ is prepared to provide financial assistance for 50% of these costs, or \$34,044.70.

The total amount reimbursable to you for both your local share of the FEMA eligible costs and 50% of the ineligible Federal Aid road costs is therefore \$65 103 81

If the information provided to us by MEMA is correct, please complete and sign the attached form, and return it to the address indicated. MDEQ should then be in a position to award you with financial assistance in the amount indicated on the form

If you have reason to believe that the information provided to us by MEMA is not consistent with what you believe to be the Clay County Board of Supervisors's Category A costs please notify us and MEMA to begin the process of resolving any differences in the correct cost. Keep in mind, however, that the only costs we are able to reimburse you for are those associated with debris management and disposal (Category A costs)

Our ability to provide you with this assistance does not come as a result of a new program or new funds. Because of the unprecedented nature of the natural disasters which stuck our local communities last year, I have re-directed funds within MDEQ s existing programs toward this assistance. While funds included in MDEQ s budget allow us to provide this assistance to you for last year's devastating tornado, there is no assurance that similar assistance will be available for future disaster events.

Sincerely,

Trudy D. Fisher Executive Director

attachment

cc Mr Larry Bowman MEMA

## DECLARATION AND ACCEPTANCE OF MDEQ FINANCIAL ASSISTANCE FOR 2011 NATURAL DISASTER DEBRIS CLEANUP

Clay County Board of Supervisors
P O Box 815
West Point MS 39773

A Total eligible Category A expenses \$248 472 91

B Local share of Category A expenses (12 5%) \$31 059 11

C Federal Aid Road Category A expenses ruled FEMA ineligible \$68 089 39

D Federal Aid Road expenses reimbursable by MDEQ (50%) \$34 044 70

E Total assistance reimbursable by MDEQ for both eligible and ineligible expenses \$65,103 81

On behalf of the Clay County Board of Supervisors, I declare that the expenses shown above associated with the 2011 presidential disaster declarations in Mississippi are for solid waste debris management and disposal only and that the above costs are accurate and complete as submitted to FEMA/MEMA. I further declare that the Clay County Board of Supervisors has not received financial assistance nor does it expect to receive financial assistance, from any agency of the State of Mississippi or the federal government for any of the amounts shown above on Line B or C.

By signing this form, I am requesting payment on behalf of the Clay County Board of Supervisors in the amount of \$65,103.81

(Signature)

(Print Name)

For MDEQ use only Dogof wittern in sepace

Approved for payment

Trudy Fisher Executive Director

(Date)

[Note MDEQ reserves the right to request additional information relative to the manner in which any solid waste was managed prior to actually awarding any financial assistance.]

Return this completed form to

Mississippi Department of Environmental Quality Solid Waste Planning and Assistance P O Box 2261 Jackson, MS 39225-2261

NO		
110		

# IN THE MATTER OF ADVERTISING TO ISSUE SHORT TERM DEBT FOR THE NRCS LINE CREEK DEBRIS REMOVAL PROJECT PURSUANT TO § 17-21-51 AND § 17-21-53 OF THE MISSISSIPPI CODE OF 1972, IF NEEDED

There came on this day for consideration the matter of advertising to issue short term debt for the NRCS Line Creek Debris Removal Project pursuant to § 17-12-51 and § 17-21-53 of the Mississippi Code of 1972, if needed

It appears to this Board the Project calls for the NRCS Line Creek Debris Removal Project is \$446,079 00 and, as outlined in the Contract, the County is required to make payment to the Contractor within thirty (30) days of the certification of completion of said project. It appears further to the Board that if the NRCS is not timely in paying the proceeds to fund the construction contract, the County would be responsible for paying the contractor the \$446,079 00 pending awaiting reimbursement from the NRCS grant.

After motion by Floyd McKee and second by Shelton Deanes, this Board doth vote unanimously to authorize the Chancery Clerk to advertise for the issuance of the short term debt as outlined in § 17-12-51 and § 17-21-53 of the *Mississippi Code of 1972* only if she sees that the NRCS is not going to be timely in paying the County the grant proceeds for the NRCS Line Creek Debris Removal Project in the amount of \$446,079 00

SO ORDERED, on this the 7th day of August, 2012

President

After motion by RB Davis and second by Lynn Horton, this Board doth vote unanimously to recess until Thursday, August 2012 at 9 00 o'clock AM