



8 September 2010

Ms. Shelly Murray  
State of West Virginia  
Department of Administration  
Purchasing Division  
2019 Washington Street, East Building 15  
Charleston, WV 25305-0130

Re: Request for Quotation DCH11005, Reconnaissance-Level Architectural History Survey

Dear Ms. Murray:

AMEC Earth & Environmental (AMEC) is pleased to submit the enclosed proposal and bid in response to the 10 August 2010 Request for Quotation (RFQ) DCH11005 to perform a reconnaissance-level architectural history survey for four counties in central West Virginia for the State Historic Preservation Office (SHPO) located within West Virginia Division of Culture and History (WVDCH). The proposal addresses conducting surveys in unincorporated areas of Calhoun, Wirt, Clay, and Roane Counties.

AMEC has extensive experience in reconnaissance-level architectural surveys and West Virginia architectural styles. AMEC historians/architectural historians have a combined experience of 11.5 years in Section 106 documentation and assessment, archival research, historic context development, advanced documentation, site file checks, mitigation documentation, and historic preservation services. Within the state of West Virginia, AMEC has more than seven years of experience working for the West Virginia Army National Guard, the West Virginia Air National Guard, and private firms for wind farm projects, all of which required consultation with the WVDCH. These numerous projects have resulted in AMEC knowledge of West Virginia across the state due to work in Preston, Grant, Berkeley, Marshall, Upshur, Jackson, and Mingo Counties. In addition, our staff of historians and architectural historians have studied the history and culture of Appalachia academically and professionally.

AMEC staff thanks you for the opportunity to submit this proposal and bid. If you need more information or have any questions concerning this request, please do not hesitate to contact me or Architectural Historian, Mathia N. Scherer at (502) 267-0700, or by fax (502) 267-5900. Thank you for your time and assistance.

Sincerely,

Mathia N. Scherer  
Historian/ Architectural Historian

Henry S. McKelway Ph.D. RPA  
Cultural Resources Unit Manager

RECEIVED

Enclosure- Proposal and Bid

2010 SEP -9 A 10: 36

PURCHASING DIVISION  
STATE OF WV

AMEC Earth & Environmental, Inc.  
690 Commonwealth Center  
11003 Bluegrass Parkway  
Louisville, KY 40299  
Tel: 1+ (502) 267-0700  
Fax: 1+ (502) 267-5900

www.amec.com



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
DCH11005

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
SHELLY MURRAY 304-558-8801

RFQ COPY

TYPE NAME/ADDRESS HERE

AMEC Earth & Environmental, Inc.  
 11003 Bluegrass Parkway, Ste 690  
 Louisville, Kentucky 40299

DIVISION OF CULTURE & HISTORY

CULTURAL CENTER  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0300 558-0220

VENDOR

SHIP TO

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
08/10/2010				
BID OPENING DATE: 09/09/2010		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		968-77		
<p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF CULTURE &amp; HISTORY, IS SOLICITING BIDS FOR A FIRM TO PROVIDE THE SERVICE OF CONDUCTING A RECONNAISSANCE LEVEL ARCHITECTURAL HISTORY SURVEY FOR FOUR COUNTIES IN CENTRAL WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO SHELLY MURRAY IN THE WEST VIRGINIA PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN AT THE TOP OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA E-MAIL AT SHELLY.L.MURRAY@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 08/24/2010 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>ARCHITECTURAL HISTORY SURVEY</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p>						
<p>See attached bidding return sheet</p>						
<p><b>NOTICE</b></p> <p>SEE REVERSE SIDE FOR TERMS AND CONDITIONS</p>						

SIGNATURE	TELEPHONE	DATE
	502-267-0700	9/8/10
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Senior Vice President	91-1641772	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS**  
**REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
DCH11005

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
SHELLY MURRAY 304-558-8801

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

AMEC Earth & Environmental, Inc.  
 11003 Bluegrass Parkway, Ste 690  
 Louisville, Kentucky 40299

SHIP TO

DIVISION OF CULTURE & HISTORY  
 CULTURAL CENTER  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0300 558-0220

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
08/10/2010				

BID OPENING DATE: 09/09/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: SHELLY MURRAY</p> <p>RFQ. NO.: DCH11005</p> <p>BID OPENING DATE: 09/09/2010</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>----- 502-267-5900 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>----- Hank McKelway -----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 502-267-0700	DATE 9/8/10
TITLE Senior Vice President	FEIN 91-1641772	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DCH11005**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**SHELLY MURRAY**  
**304-558-8801**

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 25305-0300 558-0220

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/10/2010				

BID OPENING DATE: **09/09/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DCH11005 ***** TOTAL:						See attached bidding return sheet

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 502-267-0700	DATE 9/8/10
TITLE Senior Vice President	FEIN 91-1641772	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**REQUEST FOR QUOTATION**  
**West Virginia Division of Culture and History,**  
**State Historic Preservation Office**  
**Central West Virginia Historic Resource Survey**  
**RFQ # - DCH11005**

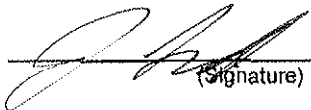
**BIDDING RETURN SHEET:**

ITEM # 1: .....	\$	7,423
ITEM # 2: .....	\$	17,014
ITEM # 3: .....	\$	602
ITEM # 4: .....	\$	10,517
ITEM # 5: .....	\$	4,409
 <b><u>TOTAL COST</u></b> .....	 \$	 39,965

**This Proposal is submitted in the name of:**

**Firm or Individual:** AMEC Earth & Environmental, Inc.

**By:**

  
 \_\_\_\_\_  
 (Signature)

Senior Vice President  
 \_\_\_\_\_  
 (Title)

**Date:** 9/8/10

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: AMEC Earth & Environmental, Inc.

Authorized Signature:  Date: 9/8/10

State of Kentucky

County of Jefferson, to-wit:

Taken, subscribed, and sworn to before me this 8<sup>th</sup> day of September, 2010.

My Commission expires 9/26, 2012

**AFFIX SEAL HERE**

**NOTARY PUBLIC**



# State of West Virginia VENDOR PREFERENCE CERTIFICATE

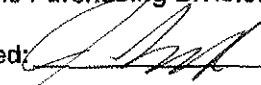
Certification and application\* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
- 2. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 3. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 4. **Application is made for 5% resident vendor preference for the reason checked:**  
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
- 5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
- 6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

**Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.**

Bidder: AMEC Earth & Environmental      Signed:   
Date: 9/8/10      Title: Senior Vice President

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.





AMEC Earth & Environmental (AMEC) is pleased to submit this proposal to State Historic Preservation Office (SHPO) located within West Virginia Division of Culture and History (WVDCH), in response to the 10 August 2010 Request for Quotation (RFQ) DCH11005 to perform a reconnaissance-level architectural history survey for four counties in central West Virginia. This proposal addresses conducting surveys in unincorporated areas of Calhoun, Wirt, Clay, and Roane Counties.

AMEC has extensive experience in reconnaissance level architectural surveys and West Virginia architectural styles. AMEC historians/architectural historians have a combined experience of 11.5 years in Section 106 documentation and assessment, archival research, historic context development, advanced documentation, site file checks, mitigation documentation, and historic preservation services. Within the state of West Virginia, AMEC has more than seven years of experience working for the West Virginia Army National Guard, the West Virginia Air National Guard, and private firms for wind farm projects, all of which required consultation with the WVDCH. These numerous projects have resulted in AMEC knowledge of West Virginia across the state due to work in Preston, Grant, Berkeley, Marshall, Upshur, Jackson, and Mingo Counties.

### Scope of Work

AMEC understands the survey will be conducted in accordance with the National Historic Preservation Act of 1966, to identify historic resources. Resources may include buildings, structures, objects, and sites (excluding archaeological sites). AMEC will conduct the reconnaissance-level architectural and history survey with the following portions, as outlined in the RFQ:

- Task 1, Research
- Task 2, Historic Property Inventory (HPI) Form Completion
- Task 3, Mapping
- Task 4, National Register of Historic Places (NRHP) Recommendations
- Task 5, Final Reports

### Methodology

AMEC proposes to a conduct reconnaissance-level architectural history survey and prepare four reports, one for each county. Based on the RFQ, AMEC proposes the following Statement of Work (SOW) to complete the research, documentation, and final reports. These tasks will be performed in a phased manner in consultation with the WVDCH.

**Task 1, Research** - AMEC staff will gather background and historical information on Calhoun, Wirt, Clay, and Roane Counties. Information will be gathered from repositories, which will include, but are not limited to, the West Virginia State Archives, WVDCH files, applicable county archives, local libraries, and local historical societies. The information will be used to write a historic context on each county, to provide the basis for evaluating resources for their significance and NRHP eligibility. The historic context will include background on the history of the county including but not limited to pre-history; settlement; economic history; the history of transportation through and throughout the county; and note any important places, people, or events.

**Task 2, HPI Form Completion** - AMEC staff will perform historic resource documentation and recordation. The survey will be conducted in accordance with the Secretary of the Interior's *Standards for Identification and Evaluation* and the WVDCH *Survey and National Register Manual*. Any deviations will be submitted to the WVDCH for advance approval, prior to completion of work.

AMEC will document on HPI Forms up to 750 historic resources 50 years of age or older that retain their historic integrity. The survey areas in each of the four counties will be determined in consultation with WVDCH, prior to initiating field work. Each resource is to be documented separately, with a minimum of two current photographs. At least one photograph must be from a three-quarter view showing the main elevation if possible. Photographs will meet the National Park Service (NPS) standards for electronic images. Photographs will be digital, embedded in black and white on the HPI form or associated continuation sheet. HPI forms will be submitted in hard copy format, in an Access database, and



electronically in PDF format. Digital images will be submitted electronically via CD-R media, saved by the West Virginia survey number as proscribed in the RFQ SOW.

**Task 3, Mapping** - AMEC geographic information system (GIS) staff will create mapping detailing resource locations on United States Geological Survey (USGS) topographic maps. Maps will be included in both the historic context reports and individually on the HPI forms. Maps will be labeled with the name of the county, quadrangle name, and resource site numbers. Documented sites will be digitized as ESRI shape files, identified with the site number.

**Task 4, Formal Recommendations** - AMEC staff will prepare NRHP evaluations of the documented resources based on three of the four primary criteria for eligibility (A, B, and C). Criterion D, which applies primarily to archaeological surveys, will not be used for this survey. AMEC staff will take into consideration the architectural and historic significance of the resources individually and as contributing resources to potential historic districts. AMEC staff will also assess the possibility of cultural landscapes within the defined survey areas and the role of potential contributing resources to a defined cultural landscape.

**Task 5, Final Reports** - AMEC staff will use the information gathered in background research and from the reconnaissance surveys to produce final survey reports. One survey report will be completed for each of the four counties documented. Each report will include a brief historic context, survey methodology, description of property types, photographs of properties, USGS maps, and NRHP recommendations, with tables where appropriate.

Draft HPI forms will be submitted for WVDCH review. The WVDCH will have 60 days for review, as stated in the RFQ. Following receipt of comments, AMEC will respond to the comments making changes as necessary. AMEC will also submit drafts of the survey reports and will respond to comments following review. Drafts, of HPI forms and survey reports will be submitted in electronic format.

The final survey reports will be submitted as a PDF file and in hard copy format. AMEC will submit the final report to the WVDCH by 31 July 2011.

### Schedule

Research	Completed 4 weeks following written Notice to Proceed (NTP)
Fieldwork and Documentation	Completed 17 December 2011
Submittal of Draft HPI Forms	Completed 2 April 2011
Submittal of Draft Reports	Completed 29 April 2011
Submittal of Final Reports and HPI Forms	Completed 31 July 2011

### Assumptions

- The WVDCH will provide AMEC with survey numbers for each resource prior to submittal of the draft report or forms
- AMEC will have timely access to repositories
- Adverse weather conditions do not cause a delay in completing the field work
- Only digital photographs will be taken
- Information in reports and HPI forms will be properly cited using *The Chicago Manual of Style*
- The costing and time required to complete the work outlined in the SOW is based on documentation of a maximum of 750 resources. If more resources are required the cost will increase based on travel time and complexity of the resource documented, in consultation with WVDCH.



## Cost

Based on the scope of work provided and our understanding of the project, the cost for completing the four county historic resources reconnaissance survey can be performed for a lump sum fee of \$39,965.

Please refer to bidding return sheet for cost breakdown.

## Mandatory Qualifications

Three project examples of similar work accomplished by the AMEC team:

1. ***A Historic Resources Survey for the NedPower Mount Storm Wind Energy Project, Grant County, West Virginia.*** AMEC staff surveyed a 14-mile tract of land in several phases to be developed for a wind farm. This project included identifying buildings over 50 years of age within a one-mile Area of Potential Effect (APE), documenting these buildings with digital photography, completing a technical report, and completing appropriate HPI forms. The technical report included discussion of the turbine locations, a historic context, buildings descriptions, NRHP evaluations, determination of adverse effect, recommendations, and appropriate mapping. AMEC staff performed research at state and local archives to develop the historic context. Two reports and one addendum report were produced for this project. Approximately 30 buildings over 50 years of age were identified in these surveys, of which one building was recommended and accepted as eligible for NRHP listing. Mitigation was performed for this building with creation of a Memorandum of Agreement and State Level large-format photographic documentation. AMEC consulted extensively with the WVDCH over the course of this project. This project occurred between 2004 and 2007 for Mr. Tim Heinle of NedPower (703-488-9252) and Ms. Bryanne Tait of Shell (713-241-1094).
2. ***Historic Resources Survey for the Buckhannon, Moundsville, and Williamson Armories, West Virginia.*** AMEC staff performed Section 106 documentation and evaluation on three armories for the West Virginia Army National Guard as part of the Integrated Cultural Resources Management Plan. These armories were located in Buckhannon, Upshur County; Moundsville, Marshall County; and Williamson, Mingo County. Documentation was performed with digital and black and white photography and the findings were detailed in a technical report and on HPI forms. Research was performed at local and state repositories. The technical report included a historic context, building descriptions, NRHP assessments, determination of adverse effect, recommendations, and mapping. Of the three facilities documented, the Williamson (Gaujot) Armory was recommended and accepted as eligible for NRHP listing under Criterion B and the Buckhannon Armory was recommended and accepted as eligible for NRHP listing under Criterion C. These two buildings will be undergoing mitigation documentation as determined in consultation with the WVDCH. This project began in 2006 and is ongoing due to mitigation documentation for Mr. Rick Chaney (304-791-4135).
3. ***Cultural Resource Evaluation of 26 Indiana Army National Guard Facilities Statewide.*** AMEC staff performed a cultural resources survey at 26 armory facilities statewide in Indiana. Ninety-one buildings over 45 years of age and infrastructure elements were documented in a technical report and on Indiana architectural forms. Archival research was performed at the Indiana Army Guard historical office, state repositories, local repositories, and local historical societies. The technical report included a historic context that included the history of the Indiana Army National Guard, the local communities in which the facilities were located, the facilities, military architecture, and Cold War associations. Each building was evaluated for its NRHP significance individually and as a contributing resource to a historic district. AMEC staff consulted with the Indiana SHPO located in the Indiana Department of Natural Resources throughout the course of the project. AMEC performed the project between 2008 and 2009 for Ms. Karstin Carmany-George (812-526-1225).



## Resumes of Key Personnel

AMEC has ample professional staff to meet the demands of this project. Dr. Henry McKelway, Cultural Resources Program Manager, will be responsible for project management and project quality assurance/quality control (QA/QC). Dr. McKelway has more than 20 years of experience in cultural resources management, and approximately 10 years serving in a quality assurance/quality control (QA/QC) capacity for architectural surveys and historic context development. Ms. Mathia N. Scherer will serve as principal investigator. Ms. Scherer is well versed in the application of NRHP criteria and has extensive experience in West Virginia due to surveys for the West Virginia Army and Air National Guards and for private developers associated with wind energy development. Ms. Hillori L. Schenker will serve as architectural historian. Ms. Schenker has the background and broad survey experience to understand the stylistic trends common through American architecture, including West Virginia due to her internship experience in West Virginia and her coursework in West Virginia history. Mr. Matthew Prybylski will serve as cultural resources technician. Mr. Prybylski has more than 15 years of experience in preservation, and has worked on numerous architectural and archaeological projects in West Virginia. He has written historic contexts for several small communities in West Virginia that required in-depth archival research. Ms. Amanda Kincaid will serve as archivist. Ms. Kincaid has several years of experience in archival research and experience on archival, archaeological, and architectural history projects in West Virginia and her academic-research specialty Appalachia. Mr. Daniel Conn will serve as the GIS lead due to his experience with creating appropriate mapping for cultural resources/historic preservation planning projects as well as databases for informed management decisions. The AMEC staff members are familiar with WVDCH standards as well as regional cultural history. The experienced AMEC team can bring broad background and technical understanding to the report on the value, current condition, and future needs of West Virginia's historic inventory. Please review the following pages for AMEC team resumes.

Ms. Mathia N. Scherer  
Project Manager/Historian/Architectural Historian

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### Professional summary

Ms. Scherer has worked as a historian for 13 years and an architectural historian for approximately 10 years. She has focused primarily on Section 106 documentation and evaluation; mitigation documentation, maintenance and treatment plans; and archival research. She has performed both small- and large-scale documentation projects ranging from one building to more than 1,100 resources. Ms. Scherer has developed historic contexts related to architectural and land development from the mid-1760s to the present, World War II-related information (Prisoner of War camps, race relations/segregation, impacts of the war on the nation, and architecture), Cold War-related topics (architecture, military buildings, impacts on the nation, and specific missile technology associated with Nike, Atlas, and Minuteman missiles), and residential development in rural areas not associated with agriculture. Clients have included the National Guard Bureau, US Air Force, Indiana Department of Transportation, Kentucky Transportation Cabinet, commercial land developers, and energy sector clients. Ms. Scherer is familiar with architectural trends through projects ranging from New York to Hawaii. Outside of cultural resources, Ms. Scherer has worked on sites dealing with such historically-sensitive issues as slavery (both in Kentucky and nationally) and Native American-United States Government relations (both in Minnesota and nationally).

### Education

University of Louisville, Kentucky, M.A., History, 2000  
University of Louisville, Kentucky, B.A., History, 1995

### Representative projects

#### **Historic Resources Survey of Three West Virginia Army National Guard Armories (2006 – Present).**

Ms. Scherer performed a Section 106 assessment for armories located in Buckhannon, Upshur County; Moundsville, Marshall County; and Williamson, Mingo County for the West Virginia Army National Guard. Ms. Scherer performed the photographic documentation, performed the archival research, and wrote the technical report. This report included a historic context, NRHP evaluations, determinations of adverse impacts, recommendations, and mapping. Ms. Scherer also completed HPI forms for the buildings. Two of the buildings were recommended and accepted as eligible for NRHP listing and will undergo mitigation documentation by Ms. Scherer in the near future.

**Historic Resources Survey of Camp Dawson, Preston County, West Virginia (2005).** Ms. Scherer performed a Section 106 assessment for buildings over 50 years of age at Camp Dawson in Preston County. Approximately 17 buildings were documented in a technical report and on HPI forms. The technical report included a historic context, building descriptions, NRHP evaluations, recommendations, and mapping. The buildings were recommended and accepted as not eligible for NRHP listing and no further work was required.

**Historic Resources Survey of the Order of the Eastern Star Facility, Ripley Jackson County, West Virginia (2008).** Ms. Scherer performed a Section 106 assessment for three buildings location on the Order of the Eastern Star (OES) property in Ripley for the West Virginia Army National Guard. Three buildings were documented in a technical report and on HPI forms. The technical report included a historic context, building descriptions, NRHP evaluations, recommendations, and mapping. The OES Home was recommended and accepted as eligible for NRHP listing and will undergo mitigation documentation in consultation with the WVDCH. The remaining two buildings were recommended and accepted as not eligible for listing.



**Historic Resources Survey of Shepherd Field Air National Guard Base, Berkeley County, West Virginia (2007).** Ms. Scherer performed a Section 106 assessment for buildings over 50 years of age at Shepherd Field in Martinsburg, Berkeley County for the West Virginia Air National Guard. Buildings were documented in a technical report and on HPI forms. The technical report included a historic context, building descriptions, NRHP evaluations, recommendations, and mapping. The buildings were recommended and accepted as not eligible for NRHP listing and no further work was required.

**Historic Resources Survey for the Mount Storm Wind Energy Project, Grant County, West Virginia (2007).** Ms. Scherer performed the two primary surveys associated with the documentation of a 14-mile tract of land in several phases to be developed for a wind farm. This project included identifying buildings over 50 years of age within a one-mile APE, documenting these buildings with digital photography, completing a technical report, and completing appropriate HPI forms. The technical report included discussion of the turbine locations, a historic context, buildings descriptions, NRHP evaluations, determination of adverse effect, recommendations, and appropriate mapping. AMEC staff performed research at state and local archives to develop the historic context. Two reports and one addendum report were produced for this project. Approximately 30 buildings over 50 years of age were identified in these surveys, of which one building was recommended and accepted as eligible for NRHP listing. Mitigation was performed for this building with creation of a Memorandum of Agreement and State Level large-format photographic documentation. AMEC consulted extensively with the WVDCH over the course of this project.

**Historic Resources Survey for the North Briery Wind Project, Preston County, West Virginia (On Hold).** Ms. Scherer is working on a survey for Iberdrola for the proposed North Briery Wind Project. In consultation with the WVDCH, a five-mile APE was surveyed for buildings over 50 years of age. One hundred fifty buildings as well as the community of Terra Alta were identified. Documentation was made with digital photographs and archival research was performed in state and local repositories. This project is currently on hold.

**Cultural Resources Evaluation of 26 Armories for the Indiana Army National Guard, Indiana (2009).** Ms. Scherer supervised and assisted with documentation of 26 Indiana Army National Guard facilities for buildings over 45 years of age. Documentation included digital photographs and completion of appropriate survey forms. Ninety buildings were documented and evaluated for NRHP significance. Historic contexts were developed for the facilities, local communities, counties, and Indiana Army National Guard.

**Historic Resources Survey for the Mt. Shaffer Wind Farm, Bedford and Somerset Counties, Pennsylvania (2008).** Ms. Scherer performed an overview and a Section 106 survey for Shaffer Mountain Wind LLC to identify above-ground resources over 50 years of age within a 10,000-acre APE. This project included a site file check at the Pennsylvania SHPO and a windshield survey. The findings were detailed in a technical report and used to determine the proper course of action in the proposed wind farm project. The formal survey included documentation of approximately 10 buildings and archival research. The findings were detailed in a technical report that included a historic context, building descriptions, NRHP evaluations, and recommendations.

**Historic Resources Survey, Salamonie Lake, U.S. Army Corps of Engineers (USACE), Indiana.** Ms. Scherer performed a historic resources survey for the USACE, Louisville District for one building at the Salamonie Lake, Huntington County, Indiana. This was a follow-up survey in which the formal report had not been written. She identified and evaluated historic structures to determine potential NRHP eligibility and adverse effect. Archival research included performing deed research and identifying historic maps.

## Ms. Hillori L. Schenker

### Architectural Historian

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#### Professional summary

Ms. Schenker has more than five years of experience in architectural history. The majority of her work with buildings and structures has involved nineteenth and twentieth century resources, though she is comfortable with a range of historic periods nationwide. Her experience ranges from American colonial history in the Mid-Atlantic States to nationwide Civil Rights context studies for the National Guard Bureau. She has experience with nationwide Cold War historic context studies, American colonial historic resources in Appalachia, and documentation/survey of historic cemeteries. Ms. Schenker has participated in all levels of historic resources survey including reviewing and funding proposals, conducting field survey, archival research, and finalizing reports. Ms. Schenker is very familiar with historic contexts having reviewed several at the federal level. She has also conducted field surveys on late nineteenth century neighborhoods, landscapes, and cemeteries across the Mid-Atlantic and Appalachia. Ms. Schenker has architectural and archaeological survey experience in West Virginia, due to her internships with the WV DCH in 2003 and 2004, as well as a detailed understanding of West Virginia history from her university coursework.

#### Education

University of Maryland, M.H.P., Historic Preservation, 2006  
West Virginia University, B.A., History, 2004

#### Representative projects

**Historic American Engineering Record (HAER) Survey of the Madison-Milton Bridge, Indiana Department of Transportation, Madison, Indiana and Milton, Kentucky.** Ms. Schenker is working on HAER documentation of the Madison-Milton Bridge, US Highway 421, connecting Madison, Indiana and Milton, Kentucky. Her contributions to the project involve writing the narrative for the documentation package including the description of the bridge, identifying the significance, and writing the historic context. AMEC is working with Hardlines, Inc. on this project.

**Historic Resources Survey for Six Bridges, R.J. Corman Railroad Group, Allensville, Bardstown, Clermont, Shelbyville, and Woodford County, Kentucky.** Ms. Schenker is performing a documentation of six railroad bridges throughout the Commonwealth of Kentucky. To ensure compliance with Section 106 of the National Historic Preservation Act, the project involves surveying and documenting six bridges on the Kentucky Individual Building Survey Forms, as proscribed by the Kentucky Heritage Council.

**Architectural Resources Survey at Abraham Lincoln Capital Airport Air National Guard Base, Illinois Air National Guard, Springfield, Illinois.** Ms. Schenker is completing an architectural survey to identify, document, map, and evaluate historic properties at the Illinois Abraham Lincoln Capital Airport Air National Guard Base in Springfield, Illinois. The survey includes research at state and local repositories, photographic documentation, and analyzing relevant information, culminating in a historic context. The final context will discuss the significance of 27 buildings as they relate to broad patterns of state, national, and military history. The information will also be made available in the Air National Guard Cultural & Natural Resources Database for efficient and effective use in future environmental planning.

**Archival Research on the African-American Component of Camp Forrest, Arnold Air Force Base, Tullahoma, Tennessee.** Ms. Schenker performed the historic context research on a World War II training site named Camp Forrest. The base has very little record of the area known as Block 3, which once housed hundreds of African-American soldiers. Information was gathered from the State of Tennessee; the archives at Arnold Air Force Base; the Library of Congress; the National Archives in College Park, Maryland; the Center for Military History in Carlisle, Pennsylvania; and the National Archives Mid-Atlantic branch in Philadelphia, Pennsylvania. The final historic context included an overview of African Americans' presence in the military; the World War II policies governing race; African-American soldiers



at Camp Forrest and in Tullahoma, Tennessee; and first-person accounts found in letters and oral histories. The report drew from primary documentation concerning race in World War II, oral interviews, photographs of African-American soldiers stationed at Camp Forrest, and African-American unit histories.

**Survey of Area 12, Pennsylvania Army National Guard (PAARNG), Fort Indiantown Gap, Pennsylvania.** Ms. Schenker performed a Section 110 architectural survey of the historic World War II section of Fort Indiantown Gap Pennsylvania Army National Guard Military Reservation. Area 12 is a relatively complete district consisting of approximately 80 buildings, the majority of which were built as a part of the Series 700 standard during the first wave of mass mobilization in 1942. Ms. Schenker documented each building and building type in digital and 35mm black and white film, completed the Pennsylvania state forms, and compiled the necessary historic context information.

**The Old Southwest: Historic Resource Documentation and Preservation Plan, Washington, District of Columbia.** Ms. Schenker surveyed, inventoried, and documented the historically African-American neighborhood known as the Old Southwest in the southwest quadrant of Washington, DC. Following analysis, and in discussion with the residents, Ms. Schenker developed a preservation plan for the historic and non-historic resources in the neighborhood as it faced large-scale development. The residential buildings included multi-family housing from the late nineteenth century, early twentieth-century townhouses, mid-twentieth century government-built housing, and an early twentieth-century segregated urban school.

**Resurvey of the East End Neighborhood, Charleston, West Virginia.** While an intern with the West Virginia State Historic Preservation Office (SHPO), Ms. Schenker resurveyed a National Register Historic District originally listed in 1979. The original survey of the late nineteenth century high-style neighborhood did not record outbuildings and was more than 20 years old. The resurvey included 35mm black and white photographic documentation of each property, architectural buildings descriptions, notation of changes made to the property since 1979, and assessment of the current architectural significance.





## Mr. Matthew E. Prybylski

### Architectural Historian/Staff Archaeologist/Archivist

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#### Professional summary

Mr. Prybylski has more than 15 years of experience in cultural resources management and historic preservation throughout West Virginia and its neighboring states including over eight years of experience in supervisory positions. He has functioned as a project manager, field supervisor, and principal researcher, and is expert in all technical aspects of archaeological and historic architecture survey fieldwork in addition to detailed archival research. Prior to joining AMEC, Mr. Prybylski served as an archivist and historic preservation assistant for the Jefferson County Historic Preservation and Archives office, a position he held for six years. During his tenure Mr. Prybylski assisted in ensuring the integrity of easement and county-owned properties in the county and assisted on NRHP nominations. He has authored or co-authored numerous technical reports in addition to acting as editor on many additional reports. Mr. Prybylski has a background in art and has illustrated artifacts, historic buildings/structures, and human remains for publications and special projects.

#### Education

University of Kentucky, Lexington, Kentucky, M.H.P., In Progress (2011)  
University of Louisville, Louisville, Kentucky, B.A., Anthropology, 2002

#### Representative projects

**Architectural Resource Survey and Contextual Development for the Proposed Symbiotics Hydroelectric Powerhouse in Warrick and Posey Counties, Indiana.** Mr. Prybylski conducted an architectural resource survey, contextual development of two USACE lock and dam facilities along the Ohio River in Warrick and Posey Counties, Indiana. The purpose of the investigation was to document and evaluate Newburgh and John T. Myers locks and dam facilities for their respective eligibility for listing on the NRHP. A study of archival material, including local histories and historic maps was completed to gain a better understanding of the facilities' development and potential for historic significance. It was recommended these structures were not eligible for NRHP listing due to their relatively recent construction.

**Cultural Resource Survey of 26 Indiana Army National Guard Facilities Statewide.** In September 2008, Mr. Prybylski, along with historian/architectural historian Mathia N. Scherer and Anne Moore, performed an architectural survey and assessment of structures to evaluate the NRHP eligibility of 26 Indiana Army National Guard facilities with buildings that date between 1958 and 1963, or all buildings at least 45 years of age. This survey included written and photo documentation and research in the Department of Historic Preservation & Archaeology (IN-SHPO), local archives, and PVA. Archival research was performed to construct a proper historic context from which to assess the structures. This project is in progress, with a technical report to follow.

**Architectural Resource Survey for the PPM Energy Wind Farm in Preston County, West Virginia.** An architectural survey for the PPM Energy wind farm in Preston County, West Virginia was conducted by historian/architectural historian Mathia N. Scherer, architectural historian Anne Moore, and Matthew Prybylski. The purpose of the survey was to identify historic resources located within the APE; evaluate these resources relative to their eligibility for listing to the NRHP; and assess the potential effects of the proposed project on these resources. One hundred fifty buildings were identified as historic. The buildings were assessed both individually and as potential contributing buildings to a rural historic landscape. Of these 150, four buildings are listed on the NRHP. Twenty-three are recommended individually or as contributing buildings to a proposed Terra Alta Historic District as eligible for listing on the NRHP under Criterion A and Criterion C.



**Architectural Resource Survey for the NedPower Wind Farm in Grant County, West Virginia.** Between 16 and 20 April 2007, historian/architectural historian Mathia N. Scherer and Matthew Prybylski conducted a viewshed survey and architectural assessment for the NedPower-Phase II to determine visual impacts on historic resources. The purpose of the survey was to identify historic resources located within the APE; evaluate these resources relative to their eligibility for listing to the NRHP; and assess the potential visual effects of the proposed wind turbines on these resources. Seventeen structures were identified as over 50 years of age. They were surveyed for historic significance and adverse viewshed impact. None of the 17 structures were recommended as eligible for listing on the NRHP.

**Muscatatuck State Hospital Historic District and Historic American Buildings Survey (HABS), Indiana Army National Guard, Indiana.** Mr. Prybylski and professional photographer Michael St. Andre conducted documentation of the Muscatatuck State Hospital Historic District (MSHHD) in the form of Level II HABS recordation. This documentation included large format photographs and negatives of the structures. Thirty-five structures and seven infrastructure features were documented. Also included in the scope of work was scanning of appropriate building blueprints (as identified by the contractor) found on file at Muscatatuck and development of appropriate storage conditions for the blueprints to be housed off Muscatatuck property but to be housed and maintained by the Indiana National Guard.

**Field Research for NRHP Nomination for Audubon Park, Louisville, Kentucky.** Jefferson County Historic Preservation Director, Donna Neary and Preservation Assistant, Matthew Prybylski conducted a NRHP evaluation for the proposed Historic District of Audubon Park, Louisville, Kentucky. The purpose of the architectural investigation was to assess the NRHP eligibility of Audubon Park as a historic district. The project involved written and photographic documentation of more than 300 homes in Audubon Park.



## Amanda G. Kincaid, B.A.

### Staff Historian/ Archivist

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#### Professional summary

Ms. Kincaid is currently enrolled in the Master's of Historic Preservation program at the University of Kentucky. Through this program she has learned and gained experience in architectural survey and documentation, and many aspects of historic preservation. She has several years of experience in archival research and many other aspects of cultural resource management. She is responsible for most archival research needed for historic archaeological reports. Her methods include extensive deed searches on property, locating and analyzing historic maps, and searches of primary and secondary sources of information. These sources include, but are not limited to, deed/ wills, U.S. Population Census, county histories, and personal papers and documents. She also prepares this information for archaeological and cultural historic reports now housed at the Office of State Archaeology and the Kentucky Heritage Council. Mrs. Kincaid is responsible for curation of the archaeological collections, support for work in the archaeological laboratory and field, as well as fostering a relationship with Transylvania University and their internship program. Prior to joining AMEC she was employed at Cultural Resource Analysts, Inc. where she performed archival research for mostly Phase I and Phase II archaeological reports.

#### Education

University of Kentucky, Lexington, Kentucky, M.H.P., in progress (2011)  
Transylvania University, Lexington, Kentucky, B.A., History, 2002

#### Representative projects

**Phase III Historic Archaeological Investigation of the Barkley Plantation 15Js150, Kentucky Transportation Cabinet (KYTC), Jessamine County, Kentucky.** Ms. Kincaid participated in field excavation for five months as an archaeological technician. During this project she further developed her archaeological technique in the field which included laying out and digging units, screening dirt for artifact collection, and paperwork involved with Phase III archaeological mitigation. She collected most of the archival research for the report and gathered information for the historic context. Ms. Kincaid discovered the Barkley Plantation was occupied from 1835 to 1880 by Mason Barkley who was a slave owner and produced hemp by searching deed and will books, population and agriculture census information, county histories, correspondence, and road records.

**Creating a Predictive Model for the Ohio River Bridges Realignment, KYTC, Louisville, Kentucky.**

Performed archival research, which included but was not limited to Census information and Louisville City Directory information, on more than 20 city blocks of downtown Louisville populated from the 1830s through the 1920s and helped in creating a predictive model to be used as a tool in archaeological investigations. This project spanned 11 months. Ms. Kincaid worked closely with GIS specialists to determine the best way to make such a vast amount of information useable.

**Information Collection for the Elevation Grant Program for the Mississippi Development Authority as a result of Hurricane Katrina, URS Corporation, Pearl River, Hancock, Harrison, and Jackson Counties, Mississippi.**

Ms. Kincaid was tasked with collecting tax cards and gathering property plat maps for more than 5,000 recipients over a span of 2 months in order for them to benefit from the Elevation Grant Program. Ms. Kincaid determined best practices for collection and transfer of information to the client. The time period to collect the information was very short, so Ms. Kincaid had to be organized and inventive to complete the task within the given parameters.



## Mr. Dan Conn

### GIS Specialist

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#### Professional summary

Mr. Conn began his AMEC experience in November 2007 as a part-time GIS technician and is now the lead GIS specialist. He currently serves the Louisville, Kentucky office under the Cultural Resource Management department. His experience is primarily in creating, manipulating, and analyzing geospatial databases using various data types. He performs as a technical and cartographical resource across all AMEC Earth & Environmental disciplines.

#### Education

University of Louisville, B.S., Geography & Environmental Analysis, 2008

#### Representative projects

**Historic Resources Survey of 26 Armories Statewide, Indiana Army National Guard, Statewide Indiana.** GIS Analyst, Cartographer. Mr. Conn produced the mapping of 91 buildings at 26 Indiana Army National Guard armories statewide. Existing GIS mapping and CAD design infrastructure data was used and made interoperable with field survey data. The cartographical representations were used to represent buildings and facilities in the assessment of their NRHP significance. The data in the deliverable was held to Spatial Data Standards for Infrastructure and Environment (SDSFIE) standards.

**Cultural Resources Survey 172<sup>nd</sup> Airlift Wing, Mississippi Air National Guard, Allen C. Thompson Field, Jackson, Rankin County, Mississippi.** Cartographer and GIS Analyst. In May 2009, Mr. Conn performed the GIS inventory to aid in evaluating for the NRHP eligibility of eight buildings. The final cartographical process involved a delicate historic overlay of aerials containing raised structures and current high resolution imagery.

**Arnold Air Force Base Phase I Archaeology, United States Air Force, Manchester, Tennessee.** 3D GIS Modeler, Analyst and Cartographer. Mr. Conn was responsible for geospatial data management and map production for a large-scale Phase I survey of more than 16,000 acres on Arnold Air Force Base in southern Tennessee. The georeferenced historic maps were used to locate historic African-American Barracks locations.

**Statewide Facilities Integrated Cultural Resources Management Plan, Jefferson Barracks, Missouri Army National Guard, St. Louis, Missouri.** Cartographer and GIS Analyst. Mr. Conn created a detailed project area map by georeferencing historic maps ranging from the mid-nineteenth century to the present. The map was used to locate historic structures for further investigation.

**Real Property Inventory (RPI) GIS Conversion and Rectification, West Virginia Army National Guard, Charleston, West Virginia.** GIS Analyst and GPS field crew technician. Mr. Conn was responsible for accurate cataloging of functional infrastructure at 40 West Virginia Army National Guard facility locations. He used a sub-meter global positioning system (GPS) unit to capture missing Planning Resource for Infrastructure Development and Evaluation (PRIDE) and GIS RPI features and verify existing RPI information. He participated in converting collected data to SDSFIE format for client-transfer.