



August 30, 2018

Ms. Stephanie L. Gale, Senior Buyer
State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, West Virginia 25305-0130

RECEIVED
2018 AUG 30 AM 8:50
WV PURCHASING
DIVISION

RE: **Camp Dawson Road Paving Design**
Solicitation No. CEOI 0603 ADJ1900000009
AMT File No. P18-0788

Dear Ms. Gale:

A. Morton Thomas and Associates, Inc. (AMT) is pleased to submit one (1) Original and three (3) Copies of this Expression of Interest to the West Virginia Army National Guard for Camp Dawson Paving Design, located at Camp Dawson, near Kingwood, WV. We have extensive experience designing high quality, cost conscious military-based projects, utilizing our knowledge of the best materials and design methods. AMT will be joined by NGE to provide geotechnical services.

AMT has a proven track record of achieving excellence on our projects, including budget and schedule compliance. We have provided engineering and associated services for several military and roadway design projects in the past few years, including for the following:

- Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center
- Mineral Wells I-77 NB and SB Weigh Station Renovations
- FBI Academy On-Call Road Design
- US 119 Cold In Place Recycling Paving Project – Roane County, WV
- Army National Guard Readiness Center
- Criminal Justice Information Services Division of the FBI
- Montgomery County On-Call Parking Operations Consulting Services
- P-140 Engineering Communications Facility – Pax River Naval Air Station
- P-155 Atlantic Test Range Addition and Parking Lot – Pax River Naval Air Station

Additionally, AMT has a number of WVDOT contracts for related roads.

AMT offers the West Virginia Army National Guard available staff with solid, successful experience in roadway design. Our leaders will personally ensure not only the quality that you expect, but also the depth of manpower that will allow for 100% schedule compliance. We appreciate your consideration of our qualifications and look forward to the next stage of your selection process.

Kindly,

A. Morton Thomas and Associates, Inc.

Bartley "Bart" Schumacher, PE
Project Manager
bschumacher@amtengineering.com

Timothy Kirk, PE, PTOE
Associate
tkirk@amtengineering.com

Project Understanding and Approach

Project Understanding

AMT understands that the scope of this project is to provide engineering services for construction bid documents suitable for advertisement using state purchasing procedures for the renovation and re-paving of 5,000 linear feet of existing roads at Camp Dawson.

Preliminary design includes a site visit to determine the condition of the existing pavement and identify potential causes for pavement failure, survey of existing topography, drainage structures, and existing utilities, all geotechnical work required for earthwork investigations including core borings, research and determining location of existing underground and above ground utilities, identifying existing drainage features, and pavement design to accommodate the intended vehicle usage.

AMT has provided these services on numerous military installations, including readiness centers, training centers and military settings, as well as road projects throughout West Virginia for WVDOT. Our projects have included roadway evaluation, roadway improvements, and parking facilities design.

Project Approach

The primary goal of the project is to renovate 5,000 linear feet of roadway. Based on our field review, experience, and understanding of the project information available, AMT has developed a list of key design parameters for the project.

Topographic and Utility Surveying

AMT will perform various types of surveys in support of the engineering design effort for the project. Surveys will be performed to meet the Minimum Standards of Practice as outlined by the West Virginia Board for Professional Surveyors (WVBPS) in the annotated code of West Virginia as delineated in §30-13A-6. A control survey will be performed utilizing both GPS and conventional survey methods. The control survey will establish a horizontal and vertical survey control network throughout the project limits.

Utility Survey

AMT's survey team will note the location of all overhead utilities and review Army National Guard records and available as-built plans to note any potential underground facilities. Underground utilities will be designated in accordance with C/I/ASCE 38-02.

Field Topographic Survey

AMT's survey team will develop topographic base plans extending the full length of the project and 200 feet from the anticipated project limits. The survey will be produced with 1-foot contours, or as directed by the Army National Guard. Surveys will obtain the location, pipe sizes, material, and invert elevations of gravity sewer and storm drainage systems, SWM facilities, and all surface utility locations. Benchmarks and traverse points will be included in the construction plans. Spot elevations and break lines will be included in order to produce an accurate DTM surface file. All survey data and topo files will be reviewed for accuracy.

Survey Control

AMT will utilize the GPS data sheets from Preston County to establish primary horizontal and vertical control using static GPS methods. A conventional field run closed loop traverse and differential levels will be run between the primary GPS points. We will follow the West Virginia State Plane Coordinate System, West Virginia Coordinate System of 1983 and NAVD 88 vertical datum.

Utility Coordination

AMT will coordinate with the local utility companies:

- Cable and Phone Service: *Frontier, VoIP, AXVoice, Atlantic Broadband*
- Power and Electric: *First Energy*
- Gas: *Mountaineer Gas*



- *Water: Preston County Public Service District & Kingwood Water Works*
- *Sewer: Preston County Public Service District*

AMT will utilize the utility information obtained during the survey to identify which utilities may be in conflict with the proposed construction. We will coordinate directly with each company to work out a relocation of their utility, or as much as possible, modify our design to avoid the utility.

Geotechnical Engineering

NGE, as a subconsultant to AMT, will provide geotechnical engineering services for this project. NGE will review previous studies and provide supplemental investigations to establish recommendations for the pavement design for the pavement reconstruction. NGE will collect soil and strata borings in proposed work area as part of the geotechnical report that will be utilized by the AMT design team.

Roadway and Pavement Design

Engineers from AMT will do a thorough field review to assess pavement condition and identify problem areas by performing pavement inspection and make recommendations based on the field review. Options for spot repairs such as pothole repair, base failure repair, and patching prior to pavement overlay will be made. Other pavement repair methods such as cold in place recycling or full depth pavement repair will be considered. After obtaining the geotechnical evaluation of the underlying soils along with the appropriate Equivalent Single Axle Load (ESAL) data, the structural features of the pavement for the access road will be developed in accordance with the Pavement Transportation Computer Assisted Structural Engineering (PCASE) software analysis tool to establish pavement thickness. Heavy loads are anticipated for the access road and it will be a critical component of this project to construct a structural pavement that will withstand the anticipated vehicle loads.

AMT designers will utilize Civil3D software on the AutoCAD platform for development of the alignment and surface modeling. The final plan stage will include full construction documents including final plans, supplemental specifications, and technical specifications. AMT will prepare detailed roadway construction plans that will have sufficient detail for a successful advertisement and bid for construction. The road will be designed using UFC and AASHTO requirements for a rural local service route and an anticipated design speed of 25 mph, or as directed by the Army National Guard. This will allow us to efficiently produce cross sections and obtain quantities. Limits of disturbance and right-of-way lines will be displayed.

Drainage/Stormwater Management

Existing drainage features will be inventoried and inspected for condition. Drainage analysis will be performed to determine if the existing drainage is sufficient to handle the design storm. Stormwater management will be designed if required.

Erosion and Sediment Control

AMT will prepare separate single-phase Erosion and Sediment (E/S) control plans in accordance with the National Pollutant Discharge Elimination (NPDES) regulations as set forth by the federal Environmental Protection Agency (EPA). All local state criteria as established by the WVDEP will be adhered to as well. A detailed sequence of construction will apply for each project phase. InRoads modeling will be utilized to determine final contours. A temporary pollution control plan will be submitted as part of the contract documents.

Permits and Approvals

AMT will prepare all the necessary applications, sketches, and supporting documentation for the environmental permits and authorizations. AMT's staff includes experts dedicated to processing and tracking permits. They are familiar with the permits and approvals administered by WVDEP and other resource agencies.

Construction Cost Estimate and Contract Time

AMT will prepare a construction cost estimate for all submittal stages. Quantities will be measured based on the standard Department of the Army specifications and bid prices will be current market rate prices. We will review current unit bid prices for the development of a detailed project estimate. Project construction items and quantities

will be summarized in a table and the appropriate contingency will be added dependent on the level of completion of the project. The Estimate will be submitted for review at the Preliminary and Final submittal stage.

Construction Administration

Construction Administration services will be provided including shop drawing and request for information (RFI) reviews, progress meeting attendance and meeting minute preparation, change order review and recommendation, punch list for substantial completion and final acceptance, and record drawings based on contractor-provided redline markups.

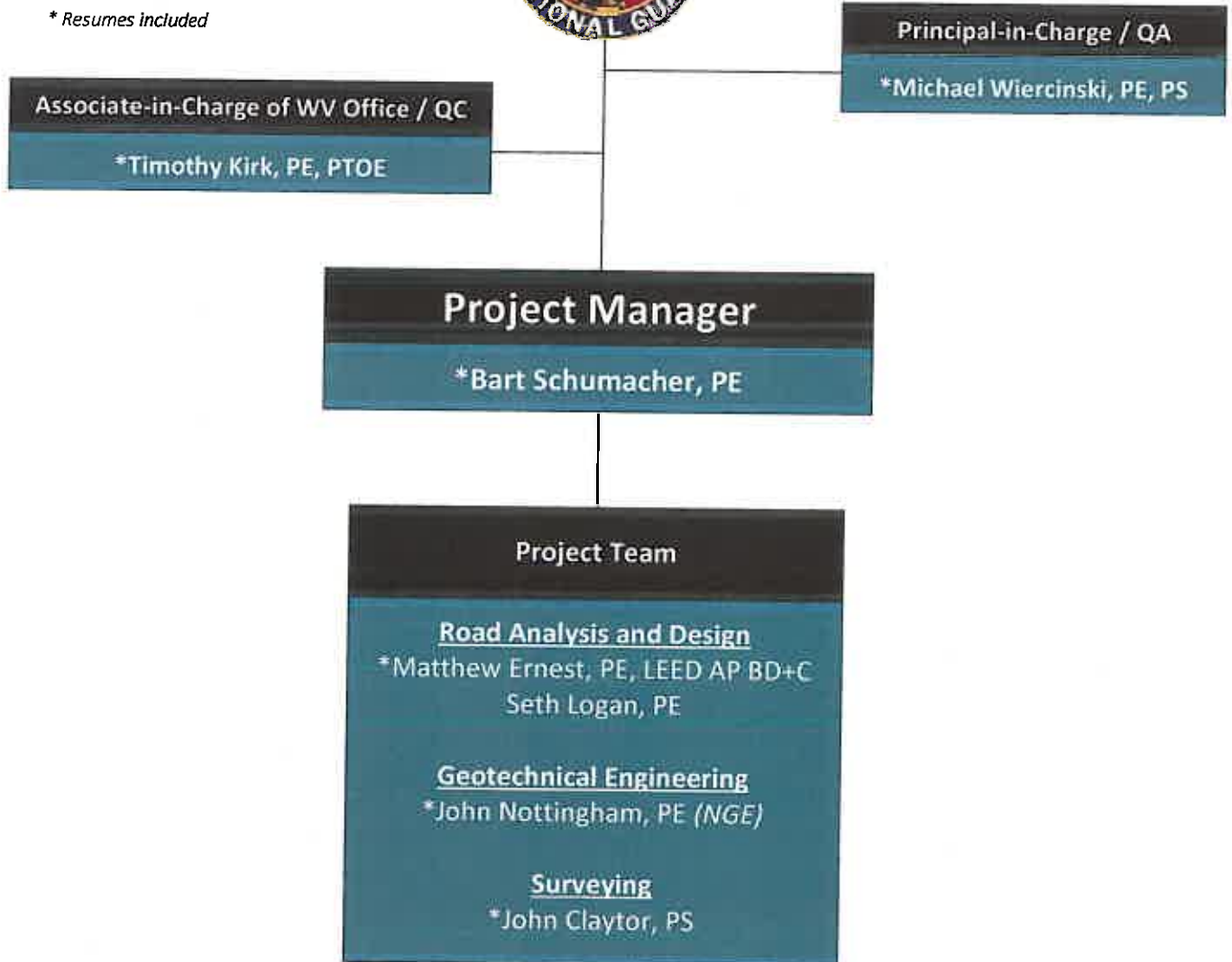
Staffing Plan

AMT is committed to providing the following key staff to the West Virginia Army National Guard for the duration of the Camp Dawson Road Paving Design Project:



Key staff are AMT employees unless noted as follows:
NGE – NGE (*Geotechnical Engineering*)

* Resumes included



Staff Qualifications and Experience



Bart Schumacher, PE

Project Manager

Years of Experience: 24 With AMT: 2

Why selected for this project

- Project Manager for AMT's current project with the WV Army National Guard
- Extensive roadway design experience

REPRESENTATIVE PROJECTS

Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center, Kenova, WV: Project Manager for AMT's design of a new military motor pool, including reconstruction of the access road to the parking area, along with grading and creation of a parking area to accommodate heavy military equipment. The project included lighting, drainage, and environmental permitting. PCASE was used for the design of the new pavement as well as the stone thickness for the motor pool area.

Mineral Wells I-77 NB and SB Weigh Station Renovations, Wood County, WV: Design Leader for the demolition of old buildings and construction of new larger weigh station facilities. Roadway plans were developed to widen and improve the bypass lanes as well as repair the existing concrete pavement on the project. Drainage was improved at the site. Coordination with utility companies was required for new building connections as well as coordination with upgraded Weigh Station PrePass System.

US 119 - Kanawha County Line to Ambler Ridge, Roane County, WV: Design Leader for a cold in place recycling project on US 119 in southern Roane county. The project consisted of cold in place recycling of the existing pavement followed by an inch and a half overlay of Marshall wearing course. The project was the first of its kind in the District and required substantial coordination with Central Office staff to ensure that proper specifications and details were followed to ensure a high-quality product. Paved shoulders were added to the entire project.

EDUCATION

BS, 1993, Civil Engineering, West Virginia Institute of Technology

REGISTRATION

West Virginia Professional Engineer [REDACTED]



Tim Kirk, PE, PTOE

Local Associate / QC

Years of Experience: 24 With AMT: 4

Why selected for this project

- Manages AMT's West Virginia operations and provides quality oversight of work product
- Previous experience managing work with the WV Army National Guard, including roadway design

REPRESENTATIVE PROJECTS

Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center, Kenova, WV: Quality Control Reviewer for AMT's design of a new military motor pool, including reconstruction of the access road to the parking area, along with grading and creation of a parking area to accommodate heavy military equipment. The project included lighting, drainage, and environmental permitting.

Mineral Wells I-77 NB and SB Weigh Station Renovations, Wood County, WV: Quality Control Reviewer for AMT's engineering design to demolish and construct new weigh station facilities. Old buildings were demolished and replaced with new larger facilities. Roadway plans were developed to improve the bypass lanes as well as repair the existing concrete pavement on the project. Floor plans complete with mechanical, electrical, and plumbing details were completed as well as site plans for the site. Coordination with a future pre-pass system was required and conduit and junction boxes were added to accommodate the system without causing future damage to the roadway.

Roadway Department Assessment Project, Districts Three and Six, WVDOH: Project Manager for a detailed assessment and review of nearly 300 miles of rural primary roadways in Districts Three and Six to develop countermeasures to reduce the occurrence of roadway departure crashes that lead to serious injuries and fatalities. The project involves extensive review of crash records, development of a signing condition inventory, development of a report outlining proposed countermeasures, creation of a video log, and the preparation of contract documents for implementation. AMT is assessing each horizontal curve for the 300 miles of rural roadway to ensure compliance with the MUTCD for horizontal curve signing standards.

EDUCATION

BS, 1993, Civil Engineering, West Virginia University

REGISTRATION

Professional Engineer: WV [REDACTED]

Professional Traffic Operations Engineer through ITE [REDACTED]





Michael Wiercinski, PE, PS

Principal-in-Charge (PIC) / QA

Years of Experience: 43 With AMT: 33

Why selected for this project

- 43 years military project experience
- Directs the firm's engineering operations and leads AMT's QA/QC efforts

REPRESENTATIVE PROJECTS

Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center, Kenova, WV: Principal-in-Charge for AMT's design of a new military motor pool, including reconstruction of the access road to the parking area, along with grading and creation of a parking area to accommodate heavy military equipment. The project included lighting, drainage, and environmental permitting. PCASE was used for the design of the new pavement as well as the stone thickness for the motor pool area.

Mineral Wells I-77 NB and SB Weigh Station Renovations, Wood County, WV: Principal-in-Charge for the demolition of old buildings and construction of new larger weigh station facilities. Roadway plans were developed to improve the bypass lanes as well as repair the existing concrete pavement on the project. Drainage was improved at the site. Coordination with a future pre-pass system was required and conduit and junction boxes were added to accommodate the system without causing future damage to the roadway. The scales were replaced and project lighting was modified to improve nighttime visibility at the scales. Concrete pads were added to place future outbuildings. The project required utility coordination as well as coordination with the Fire Marshall.

WVDOH District Three IDIQ Roadway Design, WV: Principal-in-Charge for the design of multiple intersection improvement projects in Wood County, WV through the District Three On Call Design Assistance Contract. Projects include survey, intersection analysis, pavement design, geometric design, widening design, sidewalk design, traffic signal design, and drainage and hydraulics.

EDUCATION

BS, 1975, Civil Engineering, West Virginia University

REGISTRATION

West Virginia Professional Engineer
West Virginia Licensed Surveyor



Matt Ernest, PE, LEED AP BD+C

Road Analysis and Design

Years of Experience: 22 With AMT: 22

Why selected for this project

- Expertise includes site development and layout design, site grading, roadway and parking area design, pedestrian circulation, SWM including LID facilities, E/S control, drainage facilities, and utilities

REPRESENTATIVE PROJECTS

Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center, Kenova, WV: Lead Civil Engineer for the design of a new military motor pool, including reconstruction of the access road to the parking area, along with grading and creation of a parking area to accommodate heavy military equipment. The project includes lighting, drainage, and environmental permitting.

P-140 Engineering and Communication Facility, Patuxent River Naval Air Station, MD: Civil Engineer for design, permitting, and CA services for this new LEED Silver engineering communications facility with an 80-space parking lot and utility infrastructure. Design included Anti-Terrorism/Force Protection (AT/FP), on-site water and sewer, water system extension, storm drainage, site grading and layout, SWM, and E/S control. Coordinated electrical and communication layout and profile.

Patuxent River Naval Air Station, MD: Civil Engineer responsible for civil/site and landscape design for the 300-child CDC. Services included topographic survey, site/utility demolition, site improvements, grading/drainage, 106-space parking area, LID SWM design/permitting, AT/FP and area of refuge coordination, erosion control, and CA phase services.

Pavement Assessments and Recommendations for 9 Pavement Systems, Montgomery County, MD: Lead Civil Engineer for the site investigation and assessment of failed paving at nine (9) locations. The pavement assessments were completed in accordance with the Asphalt Handbook. Each deficiency was provided a rating. Reviewed site drainage characteristics. Developed exhibits indicating observed deficiencies, recommendations for corrective measures, and associated improvement costs.

EDUCATION

BS, 1997, Civil Engineering Technology, University of Pittsburgh

REGISTRATION

Professional Engineer: MD, VA, DC, PA;
LEED Accredited Professional with Building Design and Construction Specialty





John E. Nottingham, PE

Geotechnical Engineer

Years of Experience: 30 With NGE: 14

Why selected for this project

- West Virginia Office Manager with extensive project experience in West Virginia
- Knowledge and expertise with geotechnical engineering aspects of roadways

Mr. Nottingham has served as Principal Engineer and Office Manager for the West Virginia office of NGE since late 2002. In this capacity, he has served as lead Geotechnical Engineer on hundreds of government, commercial and industrial design projects.

REPRESENTATIVE PROJECTS

New Access Road for the VA Medical Center, Huntington, WV: Performed a Geotechnical Investigation for a new 3,000-foot long access road for the VA Medical Center. The project included drilling of 11 test borings along the planned road alignment. Laboratory testing of collected soil samples was performed. A Geotechnical Engineering Report was prepared discussing the results of the subsurface investigation and providing detailed recommendations for design of the project earthwork.

Coonskin Park Bridge and New Access Roadway, Charleston, WV: Lead Geotechnical Engineer for this design/build project to construct new access into the Coonskin Park in Charleston, West Virginia. The Geotechnical Investigation included drilling of 8 test borings and performance of laboratory testing on the collected soil and bedrock samples. Detailed recommendations for design of the project's earthwork and bridge foundations were provided.

I-70 High Mast Light Towers, Wheeling, WV: This project consisted of a Geotechnical Investigation needed for the design of 34 high-mast light towers along an 11-mile section of I-70 in Wheeling, West Virginia for the West Virginia Department of Transportation. The geotechnical investigation included drilling one test boring at each tower location, performing laboratory testing to classify the soils and determine their engineering properties, and providing detailed recommendations for the design of the towers' foundations.

EDUCATION

MS, 1995, Civil Engineering, West Virginia University;
BS, 1987, Civil Engineering, West Virginia University

REGISTRATION

West Virginia Professional Engineer [REDACTED]



John Claytor, PS

Surveyor

Years of Experience: 35 With AMT: 5

Why selected for this project

- Over 35 years of combined survey experience related to field, office and management tasks
- Survey experience includes aerial and field-run topographic surveys, boundary surveys, corridor mapping, GPS and conventional survey control networks, GPS-RTK surveys, hydrographic surveys, environmental surveys, utility surveys, and construction stakeout

REPRESENTATIVE PROJECTS

Mineral Wells I-77 NB and SB Weigh Station Renovations, Wood County, WV: Survey Manager in support of AMT's engineering work associated with demolishing existing and constructing new weigh station facilities, as well as associated roadway and drainage improvements. Concrete pads were added to place future outbuildings. AMT provided supplement to existing survey from the District with additional topographic survey shots outside of the access roads and parking areas.

WV Route 2 over Proctor Creek, Wetzel County, WV: Project Surveyor for the replacement of the 3-span, approximately 230-foot long bridge carrying WV 2 over Proctor Creek. The existing rural bridge is located along a curved horizontal alignment and carries two traffic lanes in each direction with a roadway width of approximately 50 feet. The survey and mapping included approximately 35 individual properties adjacent to the public right-of-way and coordination with WVDOH staff to apply information contained in archive mapping. AMT design services involve bridge deck and superstructure design, modification of existing abutments to joint-less abutments, roadway widening design plans, and MOT.

Shiloh Park Access Road and Parking Lots, King George County, VA: Survey Project Manager for a 33-acre county park, including a recreational access road, new parking lots with bus parking and ADA accommodations, and recreational facilities. Surveying services included a compiled boundary and supplemental topographic surveying based on county-provided mapping.

EDUCATION

Coursework, Land Surveying Technology, Austin Community College

REGISTRATION

West Virginia Professional Surveyor [REDACTED]



References

West Virginia Army National Guard NFG

Mr. Joseph McClung

Division of Engineering and Facilities

1707 Coonskin Drive

Charleston, West Virginia 25311

304-561-6300 (phone)

joseph.d.mcclung4.nfg@mail.mil

AMT is developing drawings and specifications for the design of a Military Motor Pool at the Huntington Tri-State Armed Forces Reserve Center in Kenova, West Virginia. Design services include the preparation of all preliminary and final working drawings, specifications, detailed cost estimates, bidding and construction schedules, surveying assistance, and analyzing and evaluating bids for construction.

West Virginia Department of Transportation, Division of Highway (DOH)

Mr. Joshua Smith

Acting Building and Grounds Program Manager

624 Depot Street

Parkersburg, West Virginia 26101

304-887-2325 (phone)

Joshua.R.Smith@wv.gov

AMT produced plans for the demolition and construction of new weigh station facilities at the Mineral Wells I-77 NB and SB Weigh Station in Wood County, West Virginia. Old buildings were demolished and replaced with new larger facilities. Roadway plans were developed to improve the bypass lanes as well as repair the existing concrete pavement on the project. Floor plans complete with mechanical, electrical, and plumbing details were completed as well as site plans for the site. Coordination with a future pre-pass system was required and conduit and junction boxes were added to accommodate the system without causing future damage to the roadway.

Department of the Navy, Naval Air Station - Patuxent River

Mr. Tony Olekson, PE

22445 Peary Road, B504

Patuxent River, Maryland 20670

301-757-4794 (phone)

anthony.olekson@navy.mil

AMT provided civil engineering for this design-build renovation of Pax River Building 503 and associated site work. The project included demolition and replacement of the existing parking lot, walkways, new water, sewer and gas services, and stormwater management. The project was to achieve a LEED Silver rating.

Similar Projects

CLIENT:

West Virginia Army
National Guard NFG

CONTACT:

Joseph McClung
304-561-6300
Joseph.d.mcclung4.nfg@mail.mil

Military Motor Pool at Huntington Tri-State Armed Forces Reserve Center
Kenova, West Virginia

AMT designed a new military motor pool for the Huntington Tri-State Armed Forces Reserve Center in Kenova, West Virginia. Design services include the preparation of all preliminary and final working drawings, specifications, detailed cost estimates, bidding and construction schedules, assistance in surveying, and analyzing and evaluating bids for construction. The motor pool addition area consists of approximately 1.5 acres. The primary goals of the project include reconstruction of the access road to the parking area to better accommodate heavy vehicles and improving the alignment at the intersection of the adjoining roadway; grading, draining, and stabilizing the site for the creation of a parking area to accommodate heavy military equipment; and lighting of the project area. PCASE was used for the design of the new pavement as well as the stone thickness for the motor pool area.



CLIENT:

West Virginia
Department of
Transportation,
Division of Highway

CONTACT:

Joshua Smith
304-887-2325
Joshua.R.Smith@wv.gov

Mineral Wells I-77 NB and SB Weigh Station Site Renovations
Wood County, West Virginia

AMT provided surveying and engineering design for the demolition of old buildings and construction of new larger weigh station facilities. Roadway plans were developed to widen and improve the bypass lanes as well as repair the existing concrete pavement on the project. Floor plans complete with mechanical, electrical, and plumbing details were completed as well as site plans for the site. Drainage was improved at the site. Coordination with upgraded Weigh Station PrePass was required and conduit and junction boxes were added to accommodate the system without causing future damage to the roadway. The scales were replaced and project lighting was modified to improve nighttime visibility at the scales. Concrete pads were added to place future outbuildings. The project required utility coordination and coordination with the Fire Marshall.



CLIENT:

West Virginia
Department of
Transportation,
Division of Highway

US 119 - Kanawha County Line to Ambler Ridge
Roane County, West Virginia

AMT's Project Manager, Bart Schumacher, PE, served as the Design Leader for a cold in place recycling project on US 119 in southern Roane county. The project consisted of cold in place recycling of the existing pavement followed by an inch and a half overlay of Marshall wearing course. The project was the first of its kind in the District and required substantial coordination with Central Office staff to ensure that proper specifications and details were followed to ensure a high-quality product. Paved shoulders were added to the entire project.



CLIENT:
Federal Bureau of Investigation

CONTACT:
N/A

FBI Academy On-Call Road Design
Quantico, Virginia

AMT provided civil design and construction administration services for sites, roadways, and parking lots at the FBI Academy in Quantico, Virginia. Paving plans included drainage and pavement repairs for the Tevoc track facilities; parking lot and access road repairs for the Building 6 facilities; Building 7 mill and overlay paving; new sidewalks and pavement repairs at Jefferson Dormitory; pavement crack repairs, slurry seal, and pavement markings for the main visitor parking lot; variable street and parking repairs in the facilities accessed by Hogan's Alley; new sidewalks and full depth paving of Hoover Road; paving repairs around the Engineering Research Facility including parking lots; pavement repairs on Range Road, Investigation Parkway, and Bureau Parkway; a new alignment extension of Administration Drive; and parking lot slurry seal and wedge and level design (drainage problems).



CLIENT:
N/A - Retired

CONTACT:
N/A - Retired

Army National Guard Readiness Center
Arlington, Virginia

AMT provided civil engineering, surveying and landscape architectural services for a variety of projects at the Army National Guard Readiness Center in Arlington, VA. As part of a multi-discipline A/E team providing ongoing consultation to the ANGRC, AMT provided services over several years in connection with facility additions, maintenance, security upgrades and related site work. Site improvements included perimeter security upgrades including new access control point, active and passive vehicle barriers, double steel cable barrier system, removable bollards at low traffic areas and motorized ornamental heavy duty sliding and swinging gates at the main and north entrance. Other site work included storm drainage improvements at the main entrance, various sidewalk replacements and repairs, site work and new concrete truck access associated with a new storage and maintenance building, and improvements associated with a running track.



CLIENT:
N/A - Retired

CONTACT:
N/A - Retired

Criminal Justice Information Services Division of the FBI
Clarksburg, West Virginia

AMT provided civil engineering services associated with several improvements to the Criminal Justice Information Services Division of the Federal Bureau of Investigation in Clarksburg, WV. Specific services included: **CMT Building:** Design for a new 6" water line from the exiting main to 5 feet outside the building; **West Guard House Canopy Design:** Design of a drainage system for collecting and conveying stormwater runoff from the new canopy. Designed new concrete islands and bollards to separate the passenger vehicle driving lanes and to provide mounting locations for security access devices. Pavement restoration details were also provided; **Vehicle Barriers:** Prepared a site plan, indicating site conditions, for the repair/replacement of ten vehicle barriers; **East Road Drainage System:** Designed corrective measures for two areas of settlement/cracking in the sidewalk between the parking lot and the main building. Evaluated and designed corrective measure to address erosion occurring around the road embankment. Evaluated the hydraulic capacity of an existing inlet in a concrete channel that experienced overflows and was causing significant downstream erosion; **North Plaza:** Provided plan and details to correct the differential settlement that occurred in the area based on visual site assessments.



CLIENT:
Montgomery County
Department of
Transportation

CONTACT:
Yousry Juakiem
240-777-6081
Yousry.Juakiem@montgomerycountymd.gov

On-Call Parking Operations Consulting Services
Montgomery County, Maryland

AMT provided civil engineering services as part of a Parking Consultant Planning Studies On-Call Contract for Montgomery County. Specific services include pavement assessments, pavement rehabilitation, ADA parking and walkway improvements, surveying, utility designating, construction documents, and permitting. Projects include: development of an existing pavement conditions assessment report for Montgomery County DOT Office's 1,300-space parking lot (11 separate lots) and 3,600 LF of roadway surrounding the facility; assessment, recommendations and construction documents to alleviate flooding of the loading dock at the County's Health and Human Services building; renovation of an existing asphalt paved plaza located above an existing parking garage structure, including structural improvements to the underground parking garage, new paving and drainage, multi-phased MOT plan to maintain operation and fire access during construction, stormwater management and erosion control permitting, and new ADA accessible walkways; and paving assessments and surveys for eight parking lots in Bethesda.



CLIENT:
G-W Management
Services, LLC

CONTACT:
Andrew Phillips
301-881-8517
aphillips@g-wms.com

P-140 Engineering Communications Facility
Patuxent River, Maryland

AMT provided civil engineering services for a new 18,000 GSF LEED Silver engineering communications facility with an 80-space parking lot and associated utility infrastructure. Coordinated site lighting locations. Loading/service area size was determined based on AutoTURN vehicular turning movements. Design services included an early rough grading and drainage package to expedite construction schedule, on-site water and sewer, water system extension, storm drainage, site grading and layout, MDE SWM, and erosion and sediment control. Designed Anti-Terrorism Force Protection (AT/FP) measures. Coordinated electrical and communication layout and profile. Coordinated work adjacent to wetlands and waterways. Provided construction phase services.



CLIENT:
G-W Management
Services, LLC

CONTACT:
Andrew Phillips
301-881-8517
aphillips@g-wms.com

P-155 Atlantic Test Range Addition and Parking Lot
Patuxent River, Maryland

AMT provided comprehensive civil engineering services for a new 8,000 GSF LEED Silver aircraft test range facility with a 114-space parking lot and associated utility infrastructure. Fire access lane size was determined based on AutoTURN vehicular turning movements. Coordinated site lighting locations. Design services included multiple packages to provide for "early start" construction, on-site water and sewer, site storm drainage, site grading and layout, MDE SWM, and erosion and sediment control. Designed Anti-Terrorism Force Protection (AT/FP) measures. Coordinated electrical and communication layout and profile. Coordinated work adjacent to wetlands and waterways.



<p>CLIENT: Randolph Engineering</p> <p>CONTACT: Jacob C. White, PE 304-757-9217 jw@randolphengineering.com</p>	<p>New Access Road for the Huntington VA Medical Center <i>Huntington, West Virginia</i></p> <p>AMT's subconsultant, NGE, provided geotechnical drilling and engineering services for a new access roadway into the VA Medical Center in Huntington, West Virginia. The new access road will connect the southern end of the VA Medical Center to Spring Valley Drive. The new roadway will be approximately 3,000 feet long, with approximately 325 feet of elevation change. Significant cut slopes and fill embankments are required for the project. The area of the proposed roadway traverses numerous areas of past slope instability. NGE's scope of work for this project included field work coordination including site reconnaissance, drilling supervision and sample logging; drilling of 11 test borings including standard penetration testing and sampling and rock coring; laboratory testing of representative soil samples obtained from the test borings; and preparation of a geotechnical engineering report to address the following items: a description of the subsurface conditions encountered at the test boring locations including detailed typed boring logs, results of the laboratory testing performed to classify the soils and aid in determination of their engineering properties, slope stability analysis of planned fill embankments, and recommendations for site preparation and earthwork including cut slope design, fill embankment design, and fill placement recommendations.</p>
<p>CLIENT: Swank Construction Company</p> <p>CONTACT: Michael D. Bianco 724-335-6000 mikeb@swankco.com</p>	<p>Coonskin Park Bridge and New Access Roadway <i>Charleston, West Virginia</i></p> <p>AMT's subconsultant, NGE, provided geotechnical drilling and engineering services for a new bridge and access roadway into the Coonskin Park in Charleston, West Virginia. NGE provided services to the Contractor for this design/build project. The new access road and bridge carries Coonskin Drive over the Elk River and connects with US Route 119. The bridge consists of a 3-span structure approximately 470-feet in length. NGE's scope of work for this project included field work coordination including site reconnaissance, drilling supervision, and sample logging; drilling of 8 test borings including standard penetration testing and sampling and rock coring; laboratory testing of representative soil and bedrock samples obtained from the test borings; performance of cross-hole sonic logging of the bridge foundations during construction to verify the integrity of the drilled shaft concrete; and preparation of a geotechnical engineering report including the following information: boring location plan, a description of the subsurface conditions encountered at the test boring locations including detailed typed boring logs, results of the laboratory testing performed to classify the soils and aid in determination of their engineering properties, slope stability analysis of planned fill embankments and bridge abutments, recommendations for site preparation and earthwork including cut slope design, fill embankment design, and fill placement recommendations, and geotechnical foundation design recommendations for each bridge substructure unit including foundation type, depth and ultimate resistance of bearing materials.</p>



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 482388

Doc Description: Addendum; Camp Dawson Road Paving Design

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2018-08-24	2018-08-30 13:30:00	CEOI 0603 ADJ1900000009	2

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

A. Morton Thomas and Associates, Inc.

417 Grand Park Drive, Suite 102

Parkersburg, West Virginia 26105

304-400-4952 (phone)

304-400-4953 (fax)

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale

(304) 558-8801

stephanie.l.gale@wv.gov

Signature X

FEIN # 52-0728302

DATE August 30, 2018

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Addendum

Addendum No.01, issued to publish and distribute the attached information to the vendor community.

Expression of Interest Solicitation
(architect/engineering services)

The Acquisition and Contract Administration Section of the Purchasing Division ("Purchasing Division") is soliciting Expression(s) of Interest ("EOI" or "Bids") for West Virginia Army National Guard, Construction and Facilities Management Office ("Agency"), from qualified firms to provide architectural/engineering services ("Vendors") as defined herein.

INVOICE TO		SHIP TO	
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR		FACILITY MAINTENANCE MANAGER CAMP DAWSON ARMY TRAINING SITE 240 ARMY RD	
CHARLESTON	WV25311	KINGWOOD	WV 26537-1077
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Camp Dawson Road Paving Design		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

Professional engineering design services to develop construction documents to provide for Camp Dawson Road Paving Design , located at Camp Dawson, near Kingwood, WV, per the attached documentation.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Technical Questions Due	2018-08-23

ADJ1900000009	Document Phase Final	Document Description Addendum; Camp Dawson Road Paving Design	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Bart Schumacher

Bart Schumacher, PE - Project Manager

(Name, Title)

Bart Schumacher, PE - Project Manager

(Printed Name and Title)

417 Grand Park Drive, Suite 102, Parkersburg, West Virginia 26105

(Address)

304-400-4952 (phone) / 304-400-4953 (fax)

(Phone Number) / (Fax Number)

bschumacher@amtengineering.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

A. Morton Thomas and Associates, Inc.

(Company)

Michael Wiercinski

(Michael Wiercinski, PE, PS - Principal)

(Authorized Signature) (Representative Name, Title)

Michael Wiercinski, PE, PS - Principal

(Printed Name and Title of Authorized Representative)

August 30, 2018

(Date)

304-400-4952 (phone) / 304-400-4953 (fax)

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CE01 0603 ADJ1900000009

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

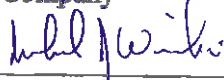
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

A. Morton Thomas and Associates, Inc.

Company



Authorized Signature

August 30, 2018

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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 exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: A. Morton Thomas and Associates, Inc.

Authorized Signature: [Signature] Date: August 30, 2018

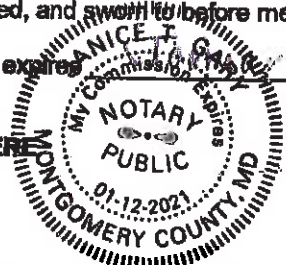
State of Maryland

County of Montgomery, to-wit:

Taken, subscribed, and sworn to before me this 30 day of August, 2018

My Commission expires July 12, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC [Signature]
Purchasing Affidavit (Revised 01/19/2018)