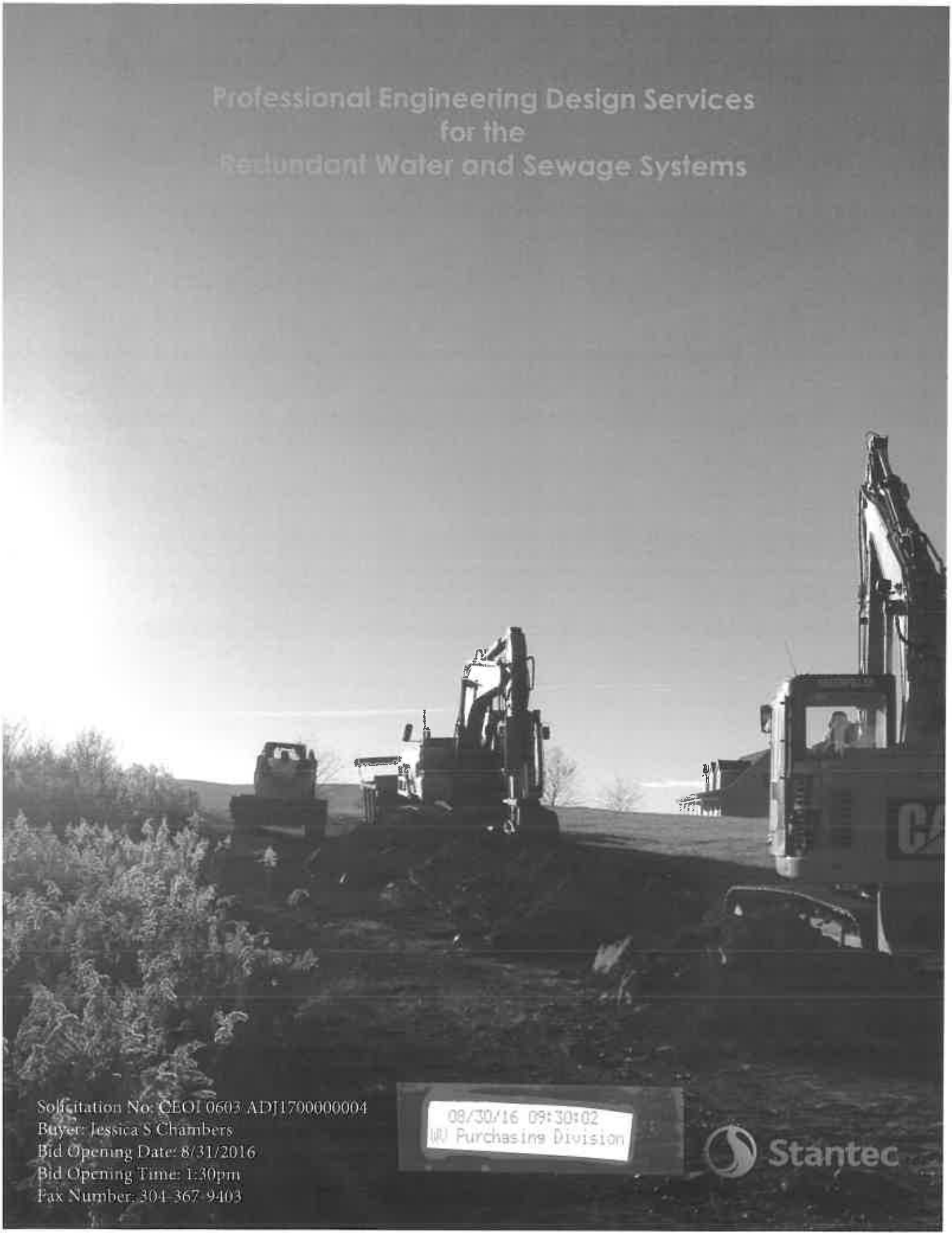
Professional Engineering Design Services for the Redundant Water and Sewage Systems



Solicitation No: CEOI 0603 ADJ1700000004
Buyer: Jessica S Chambers
Bid Opening Date: 8/31/2016
Bid Opening Time: 1:30pm
Fax Number: 304-367-9403

Stantec

Stantec Consulting Services Inc.
111 Elkins Street, Fairmont WV 26554-4021

August 31, 2016

Attention: Ms. Jessica Chambers, Buyer
Department of Administration, Purchasing Division
2019 Washington Street E
Charleston, WV 25305-0130

Dear Ms. Chambers,

Reference: Expression of Interest – Redundant Water and Sewage Systems Design

Stantec is pleased to respond to your notice of request for qualifications of engineering services for the redundant water and sewage systems design with this letter of interest. The following information is submitted in accordance with the requirements set forth in the advertisement.

Successfully completing this project requires working with a project team that has extensive relevant design experience, capacity to deliver the work in a timely manner, and is dedicated to the success of the project. Stantec can happily provide all three to the Purchasing Division. Our firm has completed numerous water and sewer projects in the state. We are eager to work with you on this project. We have ample capacity to start immediately on your project if selected.

The Stantec team is experienced, capable and committed to maintaining a professional relationship with the West Virginia Purchasing Division and completing a quality project together.

Regards,

STANTEC CONSULTING SERVICES INC.

Richard Gaines
Principal
Phone: (304) 816-5190
Fax: (304) 367-9403
richard.gaines@stantec.com

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Tab I

Stantec Qualifications and Local Capabilities

Stantec Qualifications

Design with community in mind

We're active members of the communities we serve. That's why at Stantec, we always *design with community in mind.*

The Stantec community unites more than 20,000 specialists working in over 400 locations. We collaborate across disciplines and industries to make buildings, infrastructure, and energy and resource projects happen. Our work—professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships.

Since 1954, our local strength, knowledge, and relationships, coupled with our world-class expertise, have allowed us to go anywhere to meet our clients' needs in more creative and personalized ways. With a long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and advance the quality of life in communities across the globe. Stantec trades on the TSX and the NYSE under the symbol STN.

More than our services, we are defined by what we stand for, what we believe, and why we do what we do.

By connecting the focus of our work with our deep commitment to community and the unique insight we bring to every project, our promise lets employees, clients, and investors know exactly what we do and what we stand for.

We put people first
Our people remain at the core of what we do. We want our employees to succeed, however they define it—from accomplishing stimulating, challenging work to becoming leaders in their fields and communities. We are committed to support, foster, and invest in individual success through a culture of opportunity, mentorship, and innovation.

We do what is right
A company's reputation centers on its integrity. The way we treat our people, clients, and neighbors reflects who we are, what we believe in, and how we do our work. Our commitment to doing things right is evident in everything we do, from professional excellence in our project work to taking responsibility for projects within our communities.

We are better together
Strong, long-lasting relationships directly impact the success of our employees, clients, projects, and communities. We will reach our full potential as an organization and as trusted advisors for our clients only when we combine our unique strengths and passion.

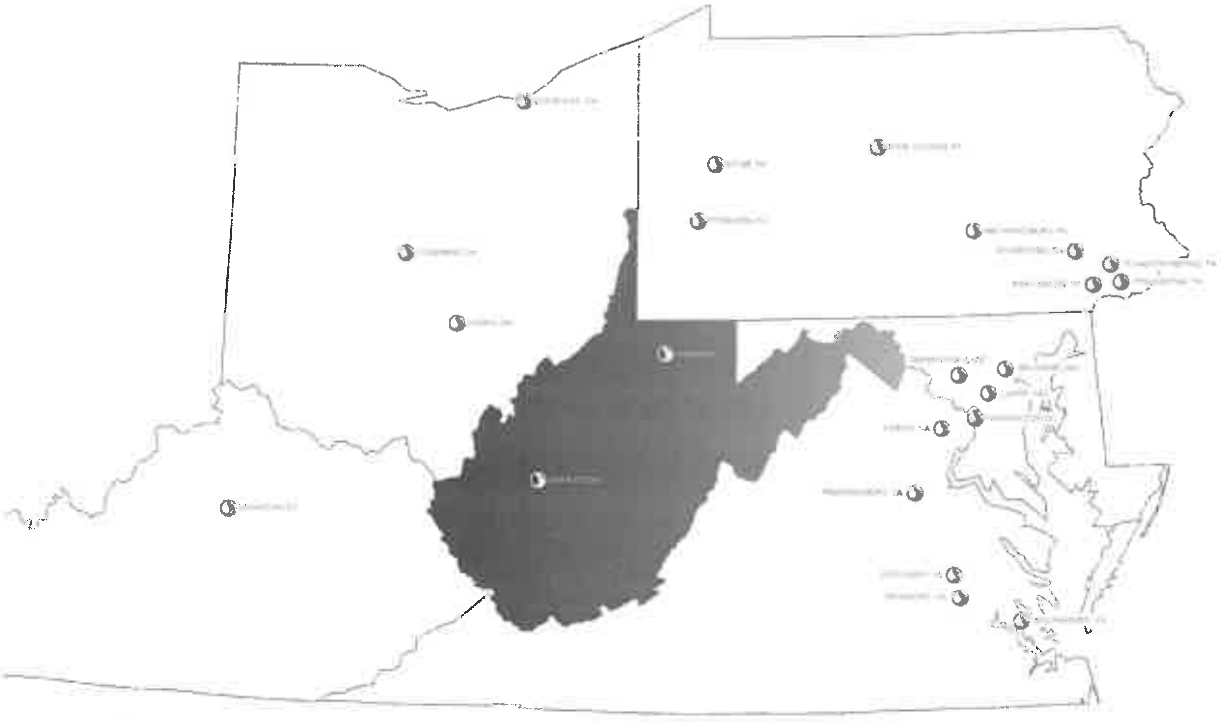
We are driven to achieve
Achievement at every level begins and ends with a firm commitment to being the best we can be. We are committed to becoming and remaining a top10 global design firm. It's an ambitious goal, but it's one we take seriously. In order to achieve our Top 10 objective, we recognize our key challenge is to maintain the stability and strength of our local relationships while balancing the management of growth projections.

20,000+

specialists working across disciplines and industries to make buildings, infrastructure, and energy and resource projects happen.

Local Capabilities

The West Virginia offices of Stantec have approximately 25 employees combined. We believe we have the required professionals to meet your needs here in West Virginia. However, at Stantec we also have the experience of over 20,000 professionals available as well.



The staff of the Fairmont office has over 100 million dollars worth of water and sewer utility design and construction experience. Our Experience in these areas covers the full spectrum of engineering design including: preliminary design, assistance with securing funding, permitting, technical expertise, and construction management.

We have professional experience working with all of the available state and federal funding agencies including:

- Small Cities Block Grant
- USDA Rural Utilities Services (RUS)
- WV Infrastructure and Jobs Development Council
- WV Department of Environmental Protection Abandoned Mine Lands and Reclamation (WV DEP AML)
- WV Department of Environmental Protection Clean Water State Revolving Fund (CWSRF)
- WV Bureau of Public Health Drinking Water Treatment Revolving Fund (DWTRF)

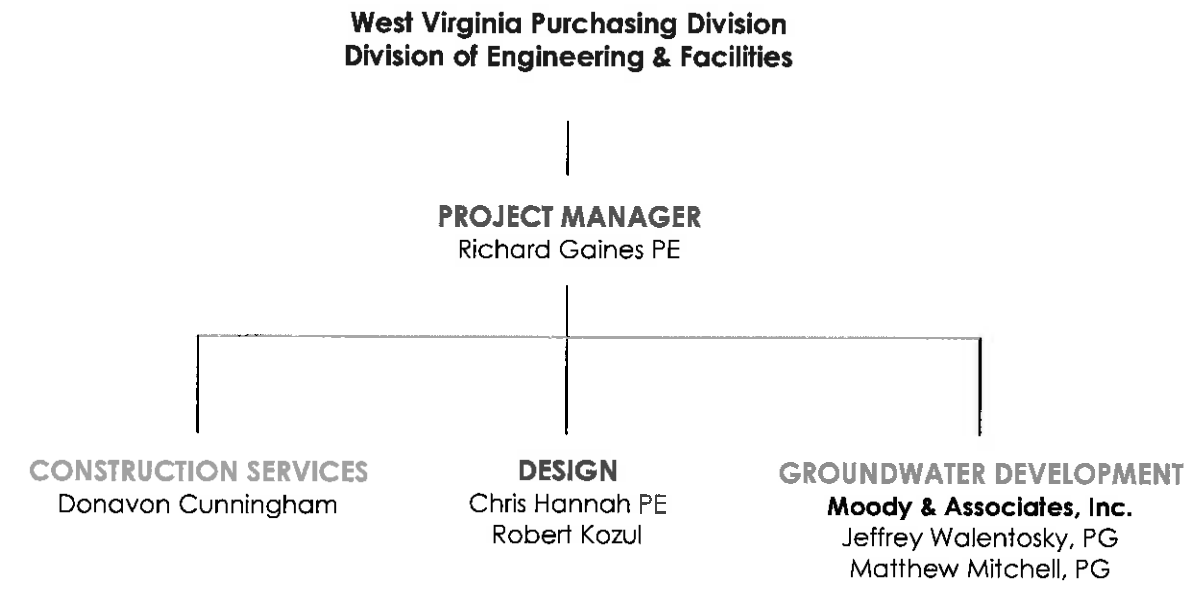
Stantec also knows that there is more to a successful project than just good design. With this in mind, Stantec offers assistance with bidding projects, engineering during construction, and construction management to ensure projects proceed according to plan.

Stantec is proud to offer technical expertise that encompasses all of the Division's needs for engineering design for both the water and sewer systems. From the Fairmont, WV office, Stantec can provide the ultimate team of experienced professionals for your project. We have experience and confidence in providing system inventory and vulnerability assessments of existing infrastructure. Our studies include providing conceptual costs to provide redundant water and sewage systems at facilities in West Virginia.

Tab II

Project Team and Resumes of Professional Staff

The Stantec Project Team



Richard L. Gaines PE

Project Manager

Stantec

Richard has 29 years of experience in project management and civil engineering related to water systems and treatment, sanitary sewer collection and treatment, oil and gas development, and land development projects. His design experience includes layout, grading, drainage, erosion control and permitting for road entrances, access roads, well pads, pits and impoundments for multiple well pads and developments. He is currently a senior civil engineer in charge of the Fairmont, West Virginia, office of Stantec.

EDUCATION

Bachelor of Science/Civil Engineering, Fairmont State College, Fairmont, West Virginia, 1987

Associates/Mechanical Engineering, Fairmont State College, Fairmont, West Virginia, 1987

REGISTRATIONS

Professional Engineer [redacted] State of West Virginia

Professional Engineer [redacted] Commonwealth of Virginia

MEMBERSHIPS

Member, American Society of Civil Engineers

Member, American Council of Engineering Companies

PROJECT EXPERIENCE

PSD #4 Hudson to State Line Water System, Bruceton Mills, Preston County, West Virginia (Project Manager)

Richard is the Project Manager to design, permit, bid, and inspect the construction of a 61-mile water system extension to serve approximately 400 new customers in the Hudson to the State Line area of Preston County, West Virginia for the Preston County PSD #4. The project includes the design of the water distribution system which includes four water storage tanks, two booster pump stations, and one pressure reducing valves. Funding for the project is provided by the Abandoned Mine Lands division of the West Virginia Department of Environmental Protection (WVDEP/AML), Drinking Water Treatment Revolving Fund and the West Virginia Infrastructure and Jobs Development Council. The project was initiated by the WVDEP/AML because the areas water sources were significantly impacted by coal mining operations prior to permitting requirements enacted in 1977.

PSD #4 Lenox/Cuzzart Water System, Bruceton Mills, Preston County, West Virginia (Project Manager)

Richard was the Project Manager to design, permit, bid and inspect the construction of a 42-mile water system extension to serve approximately 400 new customers in the Lenox and Cuzzart area of Preston County, West Virginia for the Preston County PSD #4. The project includes the design of the water distribution system which includes four water storage tanks, five booster pump stations, and three pressure reducing valves. Funding for the project is provided by the Abandoned Mine Lands division of the West Virginia Department of Environmental Protection (WVDEP/AML) and the West Virginia Infrastructure and Jobs Development Council. The project was initiated by the WVDEP/AML because the areas water sources were significantly impacted by coal mining operations prior to permitting requirements enacted in 1977.

Jane Lew PSD – Potable Water System Improvements Project, Lewis County, West Virginia (Project Engineer)

Richard was the Project Engineer for the replacement of approximately 11,500 LF of 2" galvanized waterline including valves, removal and replacement of 25 existing gate valves, installation of 17 new gate valves in the existing distribution system, installation of 13 by pass meters, installation of an 8" diameter river crossing pipe to replace an existing crossing, install a SCADA controlled solenoid valve station and booster chlorination station, install 1,500 LF of 2" PVC water line and a 37 gpm booster pump station to provide service to six new customers, and fence an existing 100,000 gallon water storage tank.

Fairmont-Mannington Water Transmission Main Extension, Fairmont, West Virginia

Richard provided planning, design, and construction inspection of a 13-mile water main extension from the City of Fairmont to serve the City of Mannington. The project includes mapping, route surveys utilizing GPS, assistance in obtaining project funding, design of the 13-mile, 12-15 inch water main, preparation of specifications, bid and contract documents, right-of-way acquisition, construction surveys, and construction management and inspection services.

Richard L. Gaines PE

Project Manager

Preston County PSD#4, Clifton Mills Water Extension, Preston County, West Virginia (Project Manager)
Richard was the Project Manager for a water system extension project for a 190 additional customers. Services included providing a preliminary engineering report and funding application preparation and construction plans for water line extensions, improvements and upgrades to the water treatment plant and water wells.

Grant Town – Morris Siding Emergency Waterline Replacement Project, Marion County, West Virginia (Project Engineer)
Richard was the Project Engineer for the replacement of approximately 2,500 LF of cast iron waterline with PVC pipe including valves and fire hydrants and an 8" diameter directional bore under Paw Paw Creek to replace an existing crossing. The construction was completed by Hull Construction of Buckhannon, WV. Funding for the project was provided from the governor's office and the Marion County Commission.

The Havens – Commercial Site Plan, Princeton, Mercer County, West Virginia (Project Manager)
Richard was the Project Manager for the development of a 10,000-SF assisted living in Princeton West Virginia. The design included passenger car parking, fire lines, retaining walls, utility connections, drainage design, grading plan and permitting.

Dollar General – Commercial Site Plan, Fairmont, Marion County, West Virginia (Project Manager)
Richard was the Project Manager for the development of a 9,100-SF retail facility on a 0.72 acre lot on Indiana Ave. on east side of Fairmont. The design included passenger car parking, delivery truck loading docks, utility connections, stormwater management design, and permitting with the City of Fairmont.

Fairmont General Hospital Healthplex, Fairmont, West Virginia (Project Engineer)
Richard was the Project Engineer responsible for the overall site design of a 72,000-SF health care/wellness facility. The project includes the preparation of preliminary and final grading plans for the six-acre site, parking lot layout and pavement design; the design of approximately 1100 linear feet of storm sewer, approximately 900 feet of sanitary sewer, 500 feet of potable water main; the design of a below grade stormwater management detention facility, the preparation of site specifications, and required National Pollutant Discharge Elimination System permits.

Fisher Mountain Estates – Residential Subdivision, Pendleton County, West Virginia (Project Manager)
Richard was the Project Manager for a 1000-lot residential subdivision which includes conceptual land plans final construction drawings for roads, utilities, water treatment plant and storage tanks, wastewater treatment plant and permitting.

Temporary HDPE Waterline*, Barbour County, West Virginia (Project Manager)
Richard served as the project manager for the design of a three-mile temporary HDPE waterline along WV State Route 92 from a permitted stream intake to a centralized impoundment. Provided oversight of the design for the eight-inch HDPE waterline in the WVDOH right-of-way which included detailing the route, restraints and Maintenance of Traffic Plan.

** denotes projects completed with other firms*

Christopher S. Hannah PE

Civil Engineer

Stantec

Christopher started his career as an Intern with Stantec in 2008. After graduating with a Bachelor of Science in Civil Engineering from Fairmont State University in 2009, he began as a Construction Inspector on the Corridor H project in Scheer, West Virginia, and has also worked as a Utility Inspector on various projects. In 2012 Christopher is began serving as an Engineer and a CADD Technician in the Fairmont office of Stantec. Since acquiring his Professional Engineer License in 2015, he has been more focused on engineering design tasks.

EDUCATION

BS, Civil Engineering, Fairmont State University, Fairmont, West Virginia, 2009

Certification, West Virginia Department of Transportation, Transportation Engineer Technician, 2009

REGISTRATIONS

Professional Engineer [redacted], State of West Virginia

Asbestos Inspector [redacted] State of West Virginia

MEMBERSHIPS

Member, American Society of Highway Engineers

PROJECT EXPERIENCE

AML#2 Hudson to State Line, Bruceton Mills, Preston County, West Virginia (CADD Technician and Engineer)

Christopher laid out water line design, drafted plans, completed quantities, and cost estimates. The project consists of a 73-mile water system extension to serve approximately 650 new customers in multiple areas of Preston County, West Virginia for the Preston County Public Service District #4. The project includes the design of the water distribution system which includes four water storage tanks, two booster pump stations, and one pressure reducing valve. Funding for the project is primarily provided by the Abandoned Mine Lands (AML) division of the West Virginia Department of Environmental Protection (WVDEP). The project is also funded by the West Virginia Bureau for Public Health Drinking Water Treatment Revolving Fund and the West Virginia Infrastructure and Jobs Development Council. The project was initiated by the WVDEP/AML because the areas water sources were significantly impacted by coal mining operations prior to permitting requirements enacted in 1977.

Preston County PSD#4, Lenox-Cuzzart Waterline Extension Project, Preston County, West Virginia (CADD Technician and Engineer)

Christopher was a CADD Technician and Engineer to design the construction of a 42-mile water system extension to serve approximately 400 new customers in the Lenox and Cuzzart area of Preston County, West Virginia for the Preston County Public Service District #4. The project included the design of the water distribution system which includes four water storage tanks, four booster pump stations, and three pressure reducing valves. Funding for the project was provided by the Abandoned Mine Lands division of the West Virginia Department of Environmental Protection (WVDEP/AML) and the West Virginia Infrastructure and Jobs Development Council. The project was initiated by the WVDEP/AML because the areas water sources were significantly impacted by coal mining operations prior to permitting requirements enacted in 1977.

Grant Town Water System Improvements Project, Marion County, West Virginia (Construction Inspector)

Christopher provided the town with project inspection. He compiled and tracked all daily quantities, resolved customer complaints, put together punch list for the two contracts and ensured substantial completion. Improvements inspected in this project included 23,000 feet of water line replacements, water line extensions rehabbing a 200 GPM booster pump station, installing a new booster station on a line extension and the cleaning and painting of an existing 200,000 gallon tank.

Clifton Mills Water Extension, Preston County, West Virginia (Project Engineer/Design Team Member)

Christopher was the Project Engineer/Design Team Member for a water system extension project for 190 additional customers. His services included providing a preliminary engineering report and funding application preparation and construction plans for water line extensions, improvements and upgrades to the water treatment plant and water wells.

Christopher S. Hannah PE

Civil Engineer

Water Storage Facility, McKean County, Pennsylvania (CAD Technician and Civil Engineer)
Christopher served as design engineer for the development of a water storage facility to off-load frack water pump it through a filter system and store 6 Million gallons of produced water for use in future for use in the fracking operations. The water from the tanks can be loaded back on trucks or pumped directly to a well pad. The project is located in McKean County, Pennsylvania. The facility is located on a 10 acre parcel of land and the cost of the project was approximately.

Water Loss Assessment, Town of Monongah, Monongah, Marion County, West Virginia
Christopher worked with the Town of Monongah to identify and assess water loss throughout their system. He compiled billing records, pumping records, and plant records to identify discrepancies. He recommended the Town begin to replace water meters to capture revenue for water sold, as the Town did, unaccounted for water loss numbers dropped.

Morgantown Utility Board Water/Sewer Inspection Services, Monongalia County, West Virginia (Construction Inspector)
Christopher was responsible for performing inspector duties for this expansion and upgrade project for various components of Morgantown Utility Board's water and wastewater systems. The contract's main focus was to provide resident inspection services for the proposed construction activities and similar projects. Activities to be inspected included but were not limited to construction/modification of gravity sanitary sewers, sanitary sewer force mains, waterlines, sewage lift stations, odor control facilities, water storage tanks, and related construction.

Temporary HDPE Waterline*, Barbour County, West Virginia (CAD Technician and Designer)
Christopher completed the drafting and design of a three-mile temporary HDPE waterline along WV State Route 92 from a permitted stream intake to a centralized impoundment. Provided layout and design for the eight-inch HDPE waterline in the WVDOH right-of-way which included detailing the route, restraints and Maintenance of Traffic Plan.

** denotes projects completed with other firms*

Robert Kozul

Engineering Designer

Stantec

Robert is an Engineering Designer with more than six years of experience. Robert came to Stantec with Four years of experience serving as a project engineer for various airport projects consisting of runway, taxiway, and apron design/rehabilitations, lighting systems, runway safety area design, markings, drainage design, navigational aids design, and access road/parking facility design. For the past two years he has primarily been utilized on construction projects as an inspector. He is experienced with waterline installation, water storage tank construction, booster stations, and pressure reducing valves. In conjunction with inspection he also worked on as built construction drawings, contractor submittals, and pay estimates. Recently he has become more geared toward utility design and has primarily been working on hydraulic calculations, fire flows, design manuals, permitting, booster station and pressure reducing station design, tank design, construction plans/details, and project specifications.

EDUCATION

Bachelor of Science, Civil Engineering Technology, Fairmont State University, Fairmont, West Virginia, 2008

CERTIFICATIONS & TRAINING

Level IV Senior Transportation Engineering Technician, Fairmont, WV, 2015

Certified Compaction Inspector, Fairmont, WV, 2015

Certified PCC Concrete Inspector, Fairmont, WV, 2015

Certified Asphalt Field Technician, Fairmont, WV, 2015

Received from CAD Research, Inc. an Autodesk Authorized Training Facility, Fairmont, WV, 2011

PROJECT EXPERIENCE

Clifton Mills Water Line Extension, Preston County, WV

Construction Inspector for the installation of roughly 47,500 linear feet of new waterline to serve the Clifton Mills area of Preston County. The project also included the installation of a 350 GPM filter addition, upgrading five existing well pumps, the installation of roughly 7,800 linear feet of raw water line, and new SCADA system.

Lenox/Cuzzart, Preston County, WV

Provided inspection services for the installation of roughly 222,000 linear feet of new waterline to serve the Lenox and Cuzzart areas of Preston County. The project also included the installation of four new water storage tanks, five booster pump stations, three pressure reducing stations, and new SCADA system.

Clermont Storage Facility, McKean County, PA

Provided inspection services for Seneca Resources on the construction of three glass-fused-to-steel 2.0 MG (98' diameter, 36' tall) above ground storage tanks. The project also included the construction of a 280' diameter secondary containment area, truck loading and unloading station, three intermediate 10,000 gallon storage tanks, self-cleaning filters, and various piping and electrical work.

Hudson to State line, Preston County, WV

Engineering Designer and Construction Inspector for the design and inspection services for the installation of roughly 63 miles of new waterline to serve various locations throughout Preston County. The project also includes the installation of two new booster pump stations, one Hydro-Pneumatic booster pump station, existing booster station upgrades, SCADA systems, one pressure reducing station, and the installation of four new water storage tanks.

City of Shinnston Water System Improvements, WV

Engineering Designer and Construction Inspector for the design and inspection services for the installation of roughly 9 miles of new waterline to serve various locations throughout the Shinnston area. The project also includes the installation of electromagnetic flow meters, SCADA systems, and raw water intake improvements.

** denotes projects completed with other firms*

Robert Kozul

Engineering Designer

Mason County Airport*
Field observation for the construction of two runway safety areas and an 18" full depth reclamation of the existing runway with new P-401 hot mix asphalt base and surface course. The project also required new runway lighting, Precision Approach Path Indicators, and markings.

Braxton County Airport*
Designed a full scale runway rehabilitation with full depth subgrade repair, Triax geogrid, P-401 hot mix asphalt base and surface course, and site grading. The project also included extending the runway, various drainage improvements, lighting systems, markings, and approach aids.

Braxton County Airport*
Designed a new vehicle parking facility with 12" Lime-Soil Stabilization, site grading, P-403 hot mix asphalt access road and parking area, fencing, and new drainage system

Designed a new aircraft parking apron to replace the existing parking apron that had reached a point of disrepair. The project included a P-401 hot mix asphalt base and surface course with portions requiring full depth subgrade stabilization. The project*
Designed a new aircraft parking apron to replace the existing parking apron that had reached a point of disrepair. The project included a P-401 hot mix asphalt base and surface course with portions requiring full depth subgrade stabilization. The project also included new apron lighting, drainage system, and new markings

Elkins-Randolph County Airport*
Filed Observation and partial design for the reclamation of an existing Runway which included new P-401 hot mix asphalt base and surface course, micro-milling, site grading, drainage design, runway and taxiway lighting systems, markings, and new electrical controls.

Raleigh County Memorial Airport*
Designed a new aircraft parking apron which included large portions of fill material, site grading, drainage design, G5 Parking areas, Apron lighting, markings, and a new chemical de-icing containment system.

Mingo County Airport*
Designed the future airport terminal parking facility and aircraft hangar layout, the project included parking facility layout, hangar layout, drainage design, markings, site grading, lighting, fencing, p-403 and P-401 hot mix asphalt, base course, and electrical controls.

Mingo County Airport*
Field observation for the construction of a new runway including deep dynamic compaction, base course installation, P-401 hot mix asphalt, markings, lighting, and fencing.

** denotes projects completed with other firms*

Donavon Cunningham

Senior Construction Manager

Donavon is an experienced Construction/ Coatings and Corrosion Manager with over 10 years of experience of on-site and design project management. He has experience in management with numerous Highway and construction projects, from water and waste water improvements, roadway and bridge construction, coatings inspection and corrosion assessments, as well being a SPRAT certified in-service bridge inspector. He also has numerous material testing certifications that are valuable for insuring quality inspection and management for Highway construction projects.

EDUCATION

United Tech Center, CADD and Design, Certificate, 1999

Associates of Science/Electronic Technician, Fairmont State College, Fairmont, West Virginia, 2004

Level III Transportation Engineering Technician Associate, Bridgemont College, Fairmont, West Virginia, 2014

CERTIFICATIONS & TRAINING

Bridgemont College, Level III Transportation Engineering Technician Associate (TRETAS), Fairmont, West Virginia, 2014

Aggregate Sampling Inspector Certification, National, USA, 2009

Portland Cement Concrete Inspector, Certification, Certification, 2008

Nuclear Compaction Inspector Certification, National, USA, 2009

Asphalt Field Technician, National, USA, 2012

MEMBERSHIPS

Member, American Council of Engineering Companies

Member, NACE International

Member, Society for Protective Coatings

PROJECT EXPERIENCE

Resident Inspection Services for the Proposed Construction Activities and Similar Projects, Morgantown, Monongalia County, West Virginia

Donavon was the Surveyor for activities that included stream channels, stream bank, wetland, sanitary sewer, and waterline construction. Funding for the project was provided by the West Virginia Division of Highways, the West Virginia Department of Environmental Protection, and the United States Environmental Protection Agency. Construction $8.5M

Lenox / Cuzzart Water System, Bruceton Mills, Preston County, West Virginia

Providing inspection services for the construction of a 42-mile water system extension to serve approximately 400 new customers in the Lenox and Cuzzart area of Preston County, West Virginia for the Preston County Public Service District #4. The project includes the design of the water distribution system, which includes four water storage tanks, four booster pump stations, and three pressure reducing valves. The Abandoned Mine Lands division of the West Virginia Department of Environmental Protection (WVDEP/AML) and the West Virginia Infrastructure and Jobs Development Council provided funding for this project. The project was initiated by the WVDEP/AML because the areas water sources were significantly impacted by coal mining operations prior to permitting requirements enacted in 1977.

MUB Water/Sewer Inspection Services, Morgantown, West Virginia

Donavon was the Construction Inspector for providing expansion and upgrades to various components of MUB's water and wastewater systems. Funding for the project will be provided by the West Virginia Department of Health and Human Resources, the West Virginia Department of Environmental Protection, and by a Municipal Bond issued by the City of Morgantown.

Donavon Cunningham

Senior Construction Manager

Alpine Lake Water System Improvements Project, Alpine Lake, West Virginia

Donavon was the Inspector for a water system improvements and upgrade project for a 360-resident, 2000-acre private community. Services include providing preliminary engineering, and construction inspection for improvements and upgrades to the water treatment facilities, water booster pump stations, water storage tanks, radio telemetry, and production well development.

Water Improvements Project, Shinnston, West Virginia

Donavon provided inspection services for installation of 73,000 LF of new water lines, booster pump stations, and fire hydrants and renovation and upgrading of the existing potable water treatment plant and construction of one new 88,000 gallon water storage tank and one new 276,000 gallon water storage tank with all necessary appurtenances.

Fairmont-Mannington Water Main Extension, Fairmont, West Virginia

Donavon was the Instrument Person/Surveyor in charge of all surveying aspects 13-mile water main extension project including topographic and location surveys, survey and mapping control, property research and boundary control, and the preparation of right-of-way plats and descriptions suitable for recordation.

Infrastructure Improvements, Shinnston, West Virginia

Donavon was the Instrument Person/Surveyor for the planning, design, and construction inspection services for a water distribution system upgrade for the City of Shinnston. Services will include the Mapping and hydraulic modeling of the existing water distribution network, the identification of problem areas, forecasting future water usage for projected growth areas and the completion of funding applications, detailed design drawings, specifications, bidding, and contract documents, solicitation of bidders and recommendations for award. CEI services include constructability reviews, construction management, project inspection, processing routine pay requests and the preparation of as-builts drawings.

Morgantown Utilities Board (MUB) Burroughs Run/Poponoe Run Waterways Improvement, Morgantown, West Virginia

Provided inspection and quality assurance for storm water improvements, stream restoration and sanitary sewer installation improvements. Inspection included installation of 5,800 linear feet of sanitary sewer line, 2,200 linear feet of storm sewer line, 11,000 linear feet of channel restoration, construction of seven precast arch bridge crossings, and installation of 1,000 linear feet of precast box culverts for flow control of waterway. Quality assurance included field testing on concrete footers, wing walls, and culverts. Compaction testing was performed on backfill, stream bank restoration, and asphalt paving. Inspector also serves as a liaison between the contractor and MUB, conducting on site observation of the work, observing tests, equipment and system set ups.

Fairmont Sanitary Sewer Project, Fairmont, West Virginia

Donavon was the Instrument Person/Surveyor for this sanitary sewer replacement project including topographic and location surveys, survey and mapping control, property research and boundary control, and the preparation of right-of-way plats and descriptions suitable for recordation. Aero-Metric (Air Survey) performed mapping services on the contract.

Holiday Detection at MUB Water Treatment Plant, Morgantown, West Virginia

Donavon's inspection duties included taking daily conditions to ensure proper conditions for painting, performing blast inspections to ensure the surface preparation met the specification, performing surface profile tests using Testex Tape to ensure the surface profile met the specification, observing all mixing, thinning, and painting processes to ensure the contractor observed the specification and/or the product data sheets for the coatings, and performing Dry Film Thickness (DFT) measurements for each coat to ensure the coating thickness met the specification using a Positector 6000 DFT gauge.

* denotes projects completed with other firms

Tab III

Related Experience

Related Experience

Camp Dawson – Act of Nature Cheat River Streambank Restoration
Preston County, West Virginia

WV Conservation Agency – Monongahela Conservation District
Ms. Amy Cosco, District Manager
201 Scott Avenue
Morgantown, WV 26508

Stantec was retained by the West Virginia Conservation – Monongahela District to develop plans to construct streambank restoration along the northern side of the Cheat River adjacent to the Camp Dawson Training Center Campus. Stantec provided design services that required development of options of streambank stabilization methods taking into account allowable space and cost constraints. Stantec provided surveying, mapping services, hydraulic and hydrologic study reviews, construction plans, specification, bid documentation, and construction inspection.

Camp Dawson – South Gate Drainage Improvements
Preston County, West Virginia

WV Conservation Agency – Monongahela Conservation District
Ms. Amy Cosco, District Manager
201 Scott Avenue
Morgantown, WV 26508

Stantec was retained by the West Virginia Conservation – Monongahela District to develop plans to replace several drainage culverts for an access road which is located along the northern side of the Cheat River adjacent to the Camp Dawson Training Center Campus. Stantec provided design services that required development of options of culvert sizes, pipe types and end treatments with associated costs for each option. We provided surveying, mapping services, hydraulic study and construction plans. The plan is for the reserve forces that visit Camp Dawson will complete the installation of the improvements designed by Stantec.

Camp Dawson – Ammo Depot Land Slip and Perimeter Security Fence Rehabilitation
Preston County, West Virginia

WV Conservation Agency – Monongahela Conservation District
Ms. Amy Cosco, District Manager
201 Scott Avenue
Morgantown, WV 26508

Stantec was retained by the West Virginia Conservation – Monongahela District to develop plans to repair a slip area and replace a portion of the perimeter security fence near the Ammo Depot area on the Camp Dawson Training Center Campus. Stantec provided design services that required development of options for the slip repair and fence reconstruction including cost estimates for each option. We provided surveying, culvert hydraulic study and developed construction plans. The plan is for the reserve forces that visit Camp Dawson will complete the installation of most of the improvements and sub-contract as needed for the elements designed by Stantec.

City of Fairmont – Sanitary Sewer Improvements
Marion County, West Virginia

City of Fairmont
Mr. David Sago, Utility Manager
P.O. Box 1428
Fairmont, WV 26555

Stantec provided preliminary and final engineering design services and construction management and inspection services for improvements to the City's existing sanitary sewer collection system to meet the Long Term Control Plan as mandated by the EPA and WVDEP. The project consisted of the study of the City's existing sanitary sewer collection system to identify and propose correction of areas of significant inflow and infiltration (I&I) entering the sewer system.

Preliminary engineering services included an extensive sanitary sewer evaluation survey (SSES). The SSES included detailed field inspection of existing facilities, smoke and dye testing, flow monitoring, CCTV inspection, manhole inspections, and hydraulic modeling. Preliminary engineering services also included the planning of proposed improvements, feasibility studies, and assistance in obtaining funding. Final design included a 600,000 Gallon Equalization Basin, gravity sewer line replacement, H2S protection, and sanitary and storm sewer separation. The total construction cost for the project was approximately $4.7M.

City of Shinnston – Sanitary Sewer Collection & Treatment System Improvements
Harrison County, West Virginia

City of Shinnston
Ms. Debra Herndon, City Manager
40 Main Street
Shinnston, WV 26431

Stantec provided final engineering design services as well as construction management and inspection services for upgrades and improvements to the City of Shinnston's wastewater collection and treatment system. The project consisted of the rehabilitation of the City's existing 380,000 GPD wastewater treatment facility and extensive sanitary and storm sewer separation work. The wastewater treatment facility received improvements to the sludge handling and disposal systems. Additionally, the reduction of inflow and infiltration (I&I) has been achieved by the rehabilitation of many parts of the collection system by pipe lining and the construction of new sanitary and storm sewer systems. The total construction cost is approximately $3.5M.

Alpine Lake Public Utility Co. – Wastewater Treatment Plant & Collection System Improvements
Preston County, West Virginia

Alpine Lake Public Utility Company
Ms. Kim Mayne, General Manager
700 W. Alpine Drive
Terra Alta, WV 26764

Stantec performed preliminary and final engineering design services and construction management and inspection services for improvements to the Alpine Lake Public Utilities Company wastewater treatment and collection system. The project consisted of the construction of a new 150,000 GPD extended aeration wastewater treatment facility required to meet tertiary treatment effluent limitations complete with equalization basin, disinfection, effluent filters, mechanical head works, process control building, and an emergency generator. Extensive system evaluations were conducted to determine extent of Inflow and Infiltration

rates being delivered to the original treatment plant. Preliminary engineering services also included the planning and preparation of proposed improvement drawings, technical feasibility studies, environmental reports, cost estimating, and assistance in obtaining approval and funding from state and federal agencies. Final engineering design services included the design of upgrades to four existing sewer pumping stations, two new duplex pumping stations with force mains, and the design of a new billing and office building. The project was completed in 2008 with a total construction cost of approximately $3M.

Alpine Lake Public Utility Company - Alpine Lake Water Treatment & Distribution System

Preston County, West Virginia

Alpine Lake Public Utility Company
Ms. Kim Mayne, General Manager
700 W. Alpine Drive
Terra Alta, WV 26764

Stantec provided the preliminary study, final design and construction management for various improvements to the Alpine Lake potable water treatment and distribution system. The project included the preparation of a Preliminary Engineering Report (PER) for submission to the West Virginia Infrastructure and Jobs Development Council (WVIJDC). The PER evaluated the existing operation and condition of the water system, identified recommendations for improvements and upgrades, identified project costs, and proposed project funding scenarios. System improvements included the installation of (3) new water booster pumping stations with discharge meters and SCADA controls with radio telemetry, abandoning existing booster stations, installation of 355 new water meter settings. The project also included the painting of (3) existing water storage tanks, the design and construction of new water treatment facility and the replacement of 4500 LF of 10" SDR-26 water line with C-900 CL-200 water line.

Inspection Services for Various MUB Projects

Monongalia County, West Virginia

Morgantown Utility Board
Mr. Douglas R. Smith, Assistant General Manager
278 Greenbag Road
Morgantown, WV 26507

Resident Inspection Services for the Water and Wastewater System Improvements: Stantec provided complete resident inspection services to five contracts under MUB's 2009 Water/Sewer System Improvements Project and resident project inspection services as needed on two additional associated contracts. Activities inspected included construction/modification of gravity sanitary sewers, sanitary sewer force mains, waterlines, water storage tanks, tank painting, and related construction. Inspection services were provided for sixteen months or the duration of the contracts. Total cost of the construction was approximately $25M which was funded by the West Virginia Department of Environmental Protection, and by Municipal Revenue Bonds issued by the City of Morgantown.

Burroughs Run/Poponoe Run Storm water Construction Inspection: Stantec provided construction inspection services during the construction of expansions and various upgrades to the storm water conveyance systems within the Burroughs Run and Poponoe Run watersheds. This storm water management project was a solution created by the Morgantown Utility Board to reduce flooding and improve quality in watershed areas of these two creeks that run through portions of the City of Morgantown. The project will protect homes and businesses from flooding, stabilize the stream banks and stream channel to reduce erosion thereby improving overall water quality, and will lessen the risk of sanitary and combined sewer back-ups associated with storm water inflow and infiltration. Construction activities included stream channels, stream bank, wetland, sanitary sewer, and waterline construction. The total cost of the construction was approximately $8.5M. Funding for the project was provided by the West Virginia Division of Highways, the West Virginia Department of Environmental Protection, and the United States Environmental Protection Agency.

Lennox/Cuzzart Water Line Extension
Preston County, West Virginia

Preston County Public Service District
Mr. Al Bailey, Chairman
PO Box 370
Bruceton Mills, WV 26525
304-379-3130

Stantec provided engineering design and construction inspection for water main extensions which connected to the Preston County Public Service District No. 4 service area system. The project was initiated and financed by the West Virginia Department of Environmental Protection – Abandoned Mine Land Reclamation Department (AML). The project included the design of 42 miles of new water distribution line, 3 new water booster pump stations and 5 new water storage tanks. The project will provide service to nearly 400 new customers. Services included hydraulic modeling the entire existing PSD #4 system and evaluation of all extension areas identified in a preliminary study provided by the WVDEP.

Clifton Mills Extension & Plant Upgrades
Preston County, West Virginia

Preston County Public Service District
Mr. Al Bailey, Chairman
PO Box 370
Bruceton Mills, WV 26525
304-379-3130

Stantec was responsible for design and construction inspection of a project that includes main line extensions to four areas of Preston County, WV. The extensions into the Clifton Mills area, Glade Farms/Dennis Road area, areas South of Rt. 26 and North of I-68, and Pisgah area provided potable water service to nearly one hundred ninety-six (196) new customers and a proposed housing development along Rt. 8/2. The project will parallel the Lennox/Cuzzart extension project and will provide water service to a combined total of nearly 600 new customers of the Public Service District. In addition to the line extensions, the capacity of the existing water plant was upgraded to treat 50% more flow (1,050 GPM). The old Trident absorption Clarifier system treated only groundwater but the modifications allowed for treatment of surface water as well should there be a interruption in groundwater supply.

Fairmont to Mannington Waterline Extension
Marion County, West Virginia

City of Fairmont
Mr. David Sago, Utility Manager
P.O. Box 1428
Fairmont, WV 26555

Stantec was responsible for design and construction management of a project that included a major transmission line extended from the City of Fairmont to serve the residents of the City of Mannington. The new transmission line replaced the aging City of Mannington's potable water treatment plant. The project consisted of the design and construction of 67,000 L.F. of 12" and 16"diameter water main, construction of a 1000 GPM booster pump station with booster chlorination, and a telemetry SCADA control system to provide potable water from the City of Fairmont to the City of Mannington. This project was awarded the American Council of Engineering Companies (ACEC) "Bronze Award" for engineering excellence.

Jane Lew PSD- Potable Water System
Lewis County, West Virginia

Jane Lew Public Service District
Ms. Nancy Gee, General Manager
PO Box 845
Jane Lew, WV 26378
304-884-7111

Stantec provided engineering design and construction management services for a water system improvement project. The improvements consisted of 11,500 lineal feet of galvanized waterline replacement, removal and replacement of 25 existing gate valves, installation of 17 new gate valves in the existing distribution system, installation of 13 bypass/test meters, installation of an 8" diameter river crossing pipe to replace an existing crossing, installation of a SCADA controlled solenoid valve station and booster chlorination station,. The project also included an extension of the existing system of 1,500 lineal feet of 2" PVC water line and a 37 gpm booster pump station to provide service to six new customers.

Town of Grant Town Water System Improvements
Marion County, West Virginia

Town of Grant Town
Mr. Bobby Riggs, Chief Water Operator
304 Main Street
Grant Town, WV 26574
304-278-7381

Stantec provided a detailed hydraulic study for the planning and design for a water system improvement project for the Town of Grant Town, Marion County, WV. Preliminary design services included the submission of a preliminary engineering report and preparation of funding applications to the WV Infrastructure and Jobs Development Council (WVIDJC). Final design services included the design of approximately 23,000 L.F. of water main replacement, a new 300 GPM water booster pump station, the painting of the 200,000 gallon water storage tank, and the installation of a system wide SCADA control system with radio telemetry. The project team also provided construction management and resident project inspection to ensure compliance with the approved plans and detailed specifications.

City of Shinnston Water System Upgrades and Improvements
Harrison County, West Virginia

City of Shinnston
Ms. Debra Herndon, Former City Manager
40 Main Street
Shinnston, WV 26431
304-592-2126

Stantec provided preliminary engineering, final design, and construction management and resident project inspection services for a major upgrade to the City of Shinnston's water distribution system and treatment plant upgrades. The project consisted of the study and evaluation of the City's water supply and distribution system to determine system deficiencies and areas needing repair. Preliminary engineering services included extensive hydraulic modeling, water use forecasting, the preparation of a facilities plan for submission to the West Virginia Infrastructure and Jobs Development Council, and assistance in identifying and securing project funding. Final engineering services included: bid package preparation, construction management and inspection services, and record drawing preparation. The project included the replacement of nearly 30,000 L.F. of 4",6",8", and 10" waterline, the rehabilitation of the existing 750 GPM water booster pump station, a new 250,000 gal. water storage tank, and the rehabilitation of the existing 2 MGD water filtration facility. This project was awarded the American Council of Engineering Companies (ACEC) "Gold Award" for engineering excellence.

Tab IV

Subconsultant

Moody and Associates, Inc.

August 17, 2016

Mr. Richard Gaines, P.E.
Stantec
111 Elkins Street
Fairmont, West Virginia 26554

Re: ***Groundwater Development***
Camp Dawson, Kingwood, West Virginia

Dear Mr. Gaines:

Moody and Associates, Inc. (Moody) is pleased to offer groundwater development services to Stantec at Camp Dawson, in Kingwood, West Virginia. We are very proud of the rich heritage of our company which spans over 125 years of service, from its founding in 1891 to its present day and fourth generation owner, Mr. Jeff Moody.

Headquartered in Meadville, Pennsylvania, with satellite office locations in Houston, Pennsylvania and Waverly, New York, Moody provides environmental, groundwater, ecological professional services throughout the region. Our team of groundwater and environmental professionals is comprised of highly skilled and talented individuals who have a variety of scientific degrees, under the direction of professional geologists and managers with decades of practical experience. We have attached the resumes of the two professional geologists that would oversee this work.

Specifically, Moody offers the following services associated with groundwater development: well site selection, well drilling and oversight, well design, aquifer testing, submersible pump and controls installation, and well rehabilitation and maintenance at the Camp Dawson site in Kingwood, West Virginia.

Moody has many similar groundwater development projects throughout the region, but examples of our relevant groundwater development projects in West Virginia include the City of Cameron, City of Moundsville, and Preston County PSD #4.

Moody appreciates the opportunity to offer these services to Stantec. If you have any questions or need clarification of any aspect of this proposal please contact me at (724) 746-5200 or email mmitchell@moody-s.com.

Sincerely,
MOODY AND ASSOCIATES, INC.

Matthew R. Mitchell, P.G.
Senior Geologist

Attachments
Resumes (2 pages)

cc: Jeffrey Walentosky, P.G.

JEFFREY P. WALENTOSKY, P.G.
VICE-PRESIDENT, SENIOR ASSOCIATE & BRANCH OFFICE MANAGER

Responsibilities

Management and completion of ongoing projects and investigations, mainly focusing on groundwater issues throughout Pennsylvania, West Virginia, Ohio and New York. Conduct all aspects of geological studies related to groundwater supply management and development, regulatory permitting of municipal and residual waste disposal, environmental site assessments in order to determine potential environmental liability issues for clients, remedial investigations and site characterizations, regulatory compliance and ground water/soil remediation projects. Mr. Walentosky is also very involved with business development activities and proposal preparation efforts and acts as the branch office manager for Moody's southwest Pennsylvania operations.

Experience

Mr. Walentosky has benefited from being involved in and directing a wide variety of projects in the twenty five years that he has been with Moody. His project experience includes the following:

- SITE INVESTIGATIONS AND REMEDIATION PROJECTS
  - Conduct Hazardous/Non-Hazardous site characterizations and remedial investigations.
  - Conduct Phase I, II & III Environmental Site Assessments (ESAs).
  - Completion of numerous Brownfield redevelopment site closure & remediation projects.
  - Design, installation and operation of soil, soil vapor and groundwater remediation systems
  - Provide staff oversight for on-going remediation and site investigation projects

- OIL/GAS & COAL MINING RELATED PROJECTS
  - Conduct hundreds of investigations of water quality/quantity diminution claims from oil/gas well drilling and coal mining activities.
  - Complete oversight of investigations and remedial activities of drilling pits and impoundments.
  - Conduct and direct contaminant release investigations and remedial efforts.
  - Complete groundwater development feasibility studies for the installation of wells to be utilized for stream

augmentation and/or in the hydraulic fracturing process during oil/gas well installation.
- Complete oversight of stream remediation and restoration activities.
- Conduct oversight and complete investigations related to stray gas migration issues.
- Conduct oversight of the completion of water management plans.
- Conduct review of oil/gas permit submittals.

❖ REGULATORY PERMITTING
- Geological, hydrogeological and soil evaluations for municipal and residual waste disposal sites.
- Municipal waste landfill permit reviews.
- NPDES permitting & permit reviews.
- Assisting clients in proper disposal of Hazardous/Non-Hazardous waste streams.
- Assist clients in various aspects of exploratory Oil/Gas drilling permits.

❖ WATER SUPPLY DEVELOPMENT
- Predrilling Plans/Hydrogeologic Studies for future municipal and industrial high capacity water supply wells.
- Test & production well design and installation.
- Supervision of test & production well drilling with air rotary, fluid rotary, cable tool and auger drilling equipment.
- Aquifer pumping test evaluations.
- Well field maintenance, rehabilitation & monitoring studies.
- Well field impact studies.
- Completion of wellhead protection (WHP) studies.
- Assistance in permitting water supplies for bottled water purposes.
- Expert witness testimony

Publications

Waite, B.A. and Walentosky, J.P., *Impacts of Land Surface Discharge of Shallow Oil Field Production Water on Ground Water*, 1997.

Walentosky, J.P., *Marcellus Shale and Potential Water Related Issues,* West Virginia State Journal, 2011.

Education	B.S. in Geology and Geography, Clarion University of PA, 1990
Certifications	-Pennsylvania Registered Professional Geologist (PG-003682-E) -40 Hour Hazardous Waste Site Training (Complies With OSHA 29 CFR.120) -8 Hour Hazardous Waste Site Supervisory Training -24-Hour MSHA Training (Complies with MSHA 30 CFR. 46) -Pennsylvania Land Recycling Program Training -ASTM Phase I/II Environmental Site Assessment Training
Professional Organizations	-National Association of Industrial & Office Properties (Associate Member & Membership Committee for Pittsburgh Chapter) -Marcellus Shale Coalition – Member of the Water Resources and Waste Management Committee, Surface Use Committee, Drilling, Completions, Wellsite Facilities and Production Operation Committee and Co-Chairperson for the Spill Response Workgroup -Pennsylvania Independent Oil & Gas Association (Environmental Committee Member, Well Construction Subcommittee Chairperson, Spill Protocol Workgroup Co-Chairperson and Chapter 78, Subchapter C and D Review Workgroup Co-Chairperson) -West Virginia Oil and Natural Gas Association – Environmental Committee Member -Washington County Chamber of Commerce – Board of Directors -Washington County Industrial Development Corporation – At-Large Board Member -American Water Works Association (Pennsylvania Section) -National Ground Water Association -West Virginia Rural Water Association -Pennsylvania Rural Water Association -Pennsylvania Ground Water Association -Pittsburgh Association of Petroleum Geologists -Pennsylvania Department of Environmental Protection – Casing and Cementing Workgroup Member - Pennsylvania Department of Environmental Protection – Area of Review (AOR) Workgroup Member -Pennsylvania Department of Environmental Protection – Water Supply Restoration Technical Guidance Document Workgroup Member

MATTHEW R. MITCHELL, P.G.
Senior Geologist

Responsibilities

Mr. Mitchell is currently a Senior Geologist at Moody and Associates, Inc.'s Houston, Pennsylvania office where he manages a variety of projects in the field of hydrogeology. His primary responsibilities include the oversight of groundwater resource evaluations, post-drilling hydrogeologic investigations, and pre- and post-mining hydrologic investigations. Other duties include project planning, budget tracking, and proposal writing.

Experience

Mr. Mitchell has nearly 15 years of experience during which he has performed a multitude of tasks for municipal, industrial, commercial, residential, mining, and oil/natural gas exploration clients. Mr. Mitchell's experience includes the following:

MINING

- Coordinate, conduct, and oversee hydrologic testing and water quality sampling of wells and streams
- Evaluate hydrologic pre-mining period water supply testing results
- Evaluate water supply loss claims and water quality degradation claims in the context of pre-mining conditions and coal mining activities, and in the context of the Pennsylvania DEP's guidelines for evaluating private water supplies
- Hydrogeologic investigations
- Performance of permit compliance activities

GROUNDWATER RESOURCE EVALUATIONS

- Hydrogeologic research to characterize aquifer parameters
- Oversight and coordination of well drilling activities
- Construction of well logs and geologic cross-sections
- Borehole geophysical analysis
- Design, coordination, and performance of step-drawdown and constant-rate pumping tests
- Analysis of constant rate pumping test data to estimate aquifer characteristics and capabilities

- Evaluation of water quality analytical results in the context of the USEPA's primary drinking water standards list
- Groundwater recharge and water balance analysis
- Fracture trace analysis for well location selection
- Review of geophysical survey results for selection of test well drilling locations
- Technical report writing

ENVIRONMENTAL GEOLOGY

- Performance and analysis of slug tests
- Preparation of pre-drilling hydrogeologic assessments for natural gas drilling sites
- Water supply complaint investigations for natural gas drilling sites
- Construction of groundwater contour maps
- Monitoring well installation
- Compilation of hydrogeologic data for the construction of conceptual groundwater flow models
- Water quality sampling of wells, springs, and surface water
- Soil permeability testing and mapping for private and community wastewater disposal areas, and for stormwater management facilities
- Stream flow monitoring
- Installation of weirs and stream gaging stations
- Stream morphology surveys
- Wohlman Pebble Count studies

GEOTECHNICAL ENGINEERING

- Description and logging of rock cores and soil borings
- Grout curtain permeability study
- Supervision of packer testing
- Foundation inspection
- Dewatering study for the construction of underground structures
- Retaining wall construction inspection
- Steel pile installation inspection
- Inspection of lime and cement soil stabilization
- Soil compaction testing
- Laboratory soils testing
- Concrete strength testing

Education	B.S. in Geology, West Virginia University, Morgantown, WV, 2001
Certifications	Delaware Registered Professional Geologist [redacted] Pennsylvania Registered Professional Geologist [redacted]

Tab V

References

References

Preston County PSD#4	City of Fairmont, WV	Jane Lew PSD	Alpine Lake PUC
Mr. Al Bailey	Mr. Dave Sago	Ms. Nancy Gee	Ms. Kim Mayne
Chairman	Utility Manager	General Manager	General Manager
PO Box 370 Bruceton Mills, WV 26525	PO Box 1428 Fairmont, WV 26554	PO Box 845 Jane Lew, WV 26378	700 W. Alpine Drive Terra Alta, WV 26764
(304) 379-3130	(304) 366-0540	(304) 884-7111	(304) 789-6996

"I would not hesitate to recommend Stantec as an engineering firm to any municipality or water system. Their knowledge and expertise is far above that of any other firm I have worked with."

Robert Riggs Jr.
Water Operator
Town of Grant Town, WV

Tab VI

Required Forms

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: 240128

Doc Description: Addendum 1-Redundant Water and Sewage Systems EOI Design

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-08-02	2016-08-31 13:30:00	CEOI 0603 ADJ1700000004	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:

Stantec Consulting Services Inc
111 Elkins Street
Fairmont, WV 26554
304-367-9401

FOR INFORMATION CONTACT THE BUYER

Jessica S Chambers
(304) 558-0246
jessica.s.chambers@wv.gov

Signature X  **FEIN #** 11-2167170 **DATE** 8-31-16

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

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The West Virginia National Guard to provide design services to complete a system inventory and vulnerability assessment of the existing infrastructure for water and sewage systems at the Joint Forces Headquarters at the Coonskin Complex in Charleston, WV, and selected areas within Camp Dawson at Kingwood (Preston County), and to provide a prioritized approach with conceptual costs for redundant water and sewage systems at these locations.

INVOICE TO	SHIP TO
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR CHARLESTON WV25311 US	DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR CHARLESTON WV 25311 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Redundant Water and Sewage Systems EOI Design Services		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

CHARLESTON COONSKIN LOCATION-Professional engineering design services to develop construction documents to provide for a complete system inventory and vulnerability assessment of the existing infrastructure for water and sewage systems as needed, at the Joint Forces Headquarters Complex, located at 1703 Coonskin Drive, Charleston, WV 25311, and to provide a prioritized approach with conceptual costs for redundant water and sewage systems at this location per the attached documentation

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

Line	Comm Ln Desc	Qty	Unit Issue
2	Redundant Water and Sewage Systems EOI Design Services		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

CAMP DAWSON LOCATION- Professional engineering design services to develop construction documents to provide for a complete system inventory and vulnerability assessment of the existing infrastructure for water and sewage systems as needed, at selected areas within Camp Dawson at Kingwood (Preston County), and to provide a prioritized approach with conceptual costs for redundant water and sewage systems at this location per the attached documentation.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

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)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	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.

Stantec Consulting Services Inc.
Company

Authorized Signature

8/31/2016
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

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.

(Name, Title)
Richard Gaines, PE, Principal
(Printed Name and Title)
111 Elkins Street, Fairmont, WV 26554
(Address)
304-816-5190/304-367-9403
(Phone Number) / (Fax Number)
richard.gaines@stantec.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.

Stantec Consulting Services Inc.
(Company)

(Authorized Signature) (Representative Name, Title)

Richard Gaines, Principal
(Printed Name and Title of Authorized Representative)

8/31/2016
(Date)

304-816-5190/304-367-9403
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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 exceed 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 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: Stantec Consulting Services Inc.

Authorized Signature: _____ Date: 8/26/16

State of West Virginia

County of Marion, to-wit:

Taken, subscribed, and sworn to before me this 26th day of August, 2016

My Commission expires October 07, 2020.

AFFIX SEAL HERE

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
AMANDA L. OLDAKER
315 MAGNOLIA AVE.
CLARKSBURG, WV 26301
My commission expires October 07, 2020

NOTARY PUBLIC _____