



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

Request for Quotation

RFQ NUMBER
COR61489

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE 304-558-2544

S&S ENGINEERS INC.
 501 EAGLE MOUNTAIN ROAD
 CHARLESTON, WV 25311

SHIP TO

DENMAR CORRECTIONAL CENTER
 HC-64, BOX 125
 DENMAR ROAD
 HILLSBORO, WV
 24946

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/07/2011				

BID OPENING DATE: **01/25/2012** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
<p>ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, WV DIVISION OF CORRECTIONS, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES TO REPLACE TWO (2) EXISTING WATER STORAGE TANKS AT THE DENMAR CORRECTIONAL CENTER IN POCAHONTAS COUNTY, PER THE FOLLOWING BID REQUIREMENTS AND THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO TARA LYLE VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT TARA.L.LYLE@WV.GOV.</p> <p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 01/10/2012 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p>						

RECEIVED
 2012 JAN 24 PM 12:17
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>Tara Lyle</i>	TELEPHONE 304-342-7168	DATE Jan. 23, 2012
TITLE President	FEIN 55-0601971	ADDRESS CHANGES TO BE NOTED ABOVE

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



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ADDRESS CORRESPONDENCE TO ATTENTION OF:
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VENDOR

RFQ COPY
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 S & S Engineers, Inc.
 501 Eagle Mountain Road
 Charleston, WV 25311

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BID OPENING DATE: 01/25/2012 BID OPENING TIME 01:30PM

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<p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER:-----TL/32-----</p> <p>RFQ. NO.:-----COR61489-----</p> <p>BID OPENING DATE:-----01/25/2012-----</p> <p>BID OPENING TIME:-----1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY (304)342-7169 Fax</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>J. S. S. [Signature]</i>	TELEPHONE 304-342-7168	DATE Jan. 23, 2012
TITLE President	FEIN 55-0601971	ADDRESS CHANGES TO BE NOTED ABOVE

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DATE PRINTED 12/07/2011	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **01/25/2012** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
TO CONTACT YOU REGARDING YOUR BID:						

CONTACT PERSON (PLEASE PRINT CLEARLY):						
Ashok M. Sanghavi, P.E. (304) 342-7168						

***** THIS IS THE END OF RFQ COR61489 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>A. Sanghavi</i>	TELEPHONE 304-342-7168	DATE Jan. 23, 2012
TITLE President	FEIN 55-0601971	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

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

INSTRUCTIONS TO BIDDERS

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

RFQ No. COR61489

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: S & S Engineers, Inc.

Authorized Signature: *[Signature]* Date: January 23, 2012

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 23 day of January, 2012

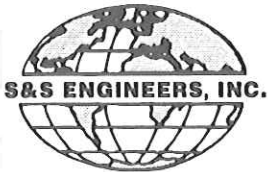
My Commission expires OCTOBER 25, 2018.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]



501 Eagle Mountain Road
Charleston, WV 25311
(304) 342-7168
(304) 342-7169 FAX
s-s-eng@wvdsi.net

January 12, 2012

Mr. Jim Rubenstein, Commissioner
WV Division of Corrections
1409 Greenbrier Street
Charleston, WV 25311

Re: Denmark Correctional Center
Water Storage Tanks
Replacement Project
Hillsboro, WV

Dear Mr. Rubenstein:

We are pleased to submit one (1) original and eight (8) copies of our professional engineering services proposal for the Water Tanks Replacement Project at Denmark Correctional Center in Pocahontas County, WV.

S & S has planned, designed and managed construction of water systems for Anthony Correctional Center as well as WV Industrial Home for Youth at Salem, WV.

We have visited the Denmark Correctional Center and discussed the project with Mr. Beverage, Maintenance Supervisor and Mr. Riggsby, Water Plant Operator. We believe that instead of replacing two tanks, construction of one large tank will save lot of monies to Division of Corrections. The savings can be spent to evaluate and carry out additional work needed at the water treatment plant.

We would like to have an opportunity to present our detailed qualifications and answer any questions you may have.

Please call me at (304) 342-7168, if you have any questions or need further information.

Very truly yours,

S & S ENGINEERS, INC.

Ashok M. Sanghavi, P.E., DEE, QEP
President

Enclosure

• ENGINEERS
• DESIGNERS
• SURVEYORS

• ENVIRONMENTAL
MUNICIPAL WASTE
INDUSTRIAL WASTE
• STORMWATER/SCP
• NPDES PERMITS
CIVIL DESIGN
LAND PLANNING
LAND SURVEYS
• DIGITAL MAPS
• HYDROLOGY
ENVIRONMENTAL
SITE ASSESSMENT
• GPS/GIS
• CONSTRUCTION
MANAGEMENT

**WEST VIRGINIA DIVISION OF CORRECTIONS
1409 GREENBRIER STREET
CHARLESTON, WV 25311**

**PROPOSAL
FOR
DENMAR CORRECTIONAL CENTER
WATER STORAGE TANKS REPLACEMENT
POCAHONTAS COUNTY, WV**

JANUARY 2012

**S & S ENGINEERS, INC.
501 EAGLE MOUNTAIN ROAD
CHARLESTON, WV 25311
(304) 342-7168
(304) 342-7169 (FAX)
Email: S-S-ENG@WVDSL.NET**



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QUALIFICATIONS OF FIRM

SERVICES

S & S Engineers, Inc., was formed in 1980 to provide consulting engineering and surveying services to government, industry, municipalities, commercial, and individuals.

S & S Engineers provides a wide variety of technical services in the following areas:

Engineering:

- Water Supply, Treatment, Storage, and Distribution Systems
- Wastewater Collection and Treatment Systems
- Industrial and Hazardous Waste Treatment Systems
- Environmental Site Assessments
- Storm Water NPDES Permit Services
- EPA and WVDEP Compliance Discharge Permits
- WVDEP 401 and USACE 404 Permit Services
- Solid Wastes Management and Landfill Designs
- Subdivision Design and Permit Applications
- Site Development Plans
- Earth Work Quantity Estimates
- Street Paving Design and Drainage Control
- Construction Management
- Technical Expert Testimony

Surveying:

- Aerial Mapping Control Surveys
- Topographic Mapping
- Rights-of-Way and Land Acquisition Maps
- GPS/GIS Services
- Loan and Refinancing Surveys
- Property Surveys
- Construction Stakeout
- Computer Mapping



S & S Engineers' office, with 4,100 sq. ft. area is conveniently located at the Yeager Airport Complex in Charleston, West Virginia. S & S uses the latest CAD software on computers and electronic distance measurement instruments to complete the work in a professional, timely and cost-effective manner.

The highly qualified staff consisting of engineers and land surveyors is supported by technicians, draftspersons, construction inspectors, and office clerical staff.

Cost effective design and survey projects are processed using Autocad Softdesk and Eagle Point software. Other software packages utilized are Haestead Flow Master, SCS TR55 Urban Hydrology, WaterCAD, StormCAD, FlowMaster, Carlson Survey 2006, Word Perfect, CAD scanning conversion and various spread sheet applications.

The survey crew is equipped with Topcon APL 1 Robotics Total Station set and Nikon Total Station EDM with TDS/SMI Data Collectors. The instruments have a range of over 9,000 feet and storage capacity of +3,000 survey locations. S & S has provided GPS/RTK/GIS services since 1991 using Trimble, Ashtech and Magellan GPS equipment as an alternate to high cost long distance traverse with accurate results.

S & S has provided services on projects funded by the U.S. Environmental Protection Agency, HUD-Small Cities Block Grant, WV Infrastructure Council, WV Water Development Authority, Economic Development Administration, U.S. Corps of Engineers, USDA-Farmers Home Administration, Soil Conservation Service, Office of Surface Mining, U.S. Forest Service, America Recovery & Reinvestment Act, state and local government agencies as well as industry and private businesses.

STATES OF REGISTRATION

S & S Engineers, Inc. has Engineers and Surveyors registered in the following states:

West Virginia
Kentucky

Ohio
Virginia

SCOPE OF SERVICES

**DENMAR CORRECTIONAL CENTER
WATER STORAGE TANKS REPLACEMENT PROJECT**

GENERAL

The Denmark Correctional Center obtains raw water from the Greenbrier River and provides treatment in form of coagulation, flocculation, sedimentation, filtration, disinfection and fluoridation. The finished water is then pumped into distribution system and two (2) storage tanks.

Both storage tanks are welded tanks, one was built in 1953 with approximately 149,000 gallons capacity and another was built in 1972 with approximately 127,000 gallons capacity. Both the tanks are rusted and have developed holes which are plugged with wooden pegs. The foundations have been regouted.

The Correctional Center serves approximately 350 persons and average daily water consumption was 70,000 gallons per day in 2009.

The sanitary survey conducted by the WVDHHR - Bureau of Public Health has pointed out several deficiencies such as need for repairs or replacement, no security fence and rusting.

The WV Division of Corrections has received funding to replace both storage tanks. Our proposal to provide professional engineering services is in response to the Expression of Interest issued on December 9, 2011.

S & S APPROACH

We are very familiar with the Denmark Correctional Center Water Supply System. Mr. Ashok M. Sanghavi, President of the firm was the Water Supply Engineer with the WV State Health Department when this facility was operated as State Hospital.

We have recently visited the facility on January 11, 2012 with Mr. Dave Beverage, Maintenance Superintendent and Mr. Mark Riggsby, Water Plant Operator.

Both the tanks are rusted and has several holes which are temporarily plugged with wooden pegs. The concrete foundations have deteriorated and part of the foundation concrete has been replaced by patching. There is no security fence around the tank allowing uncontrolled access to the tanks. One of the tanks is almost sixty (60) years old and has outlived its useful life.

We will review existing water consumption records and fire demand rate to ascertain water storage capacity requirements for new tank sizing.



We are aware that both tanks cannot be taken out of service during replacement period. We believe that the Division of Corrections will save capital and O & M expenses if a 300,000 gallon capacity tank is built instead of 2 - 150,000 gallon tanks. We have discussed this with WVDHHR - Bureau of Public Health officials and they have concurred with the idea.

A geotechnical investigation for new storage tank will be carried out for the foundation design.

A demolition plan will be prepared for one of the tanks so that the new tank can be built in its place. Once the new tank is operational, the second tank will be drained, demolished and the surface area will be restored.

A new check valve and gate valve will be installed and new six inch (6") DIP will be installed to the new tank. We will also include an altitude valve, so that the tank does not overflow. The new tank will have a new drain line with rock rip rap protection for erosion.

We will prepare contract documents including plans & specifications conforming to the WV Bureau of Public Health and funding agencies requirements. Our design phase will be carried out as follows:

DESIGN PHASE

1. Define Existing Conditions

Assemble and evaluate data to eliminate conflicts and redundancy. All major decisions regarding data will be discussed with the Corrections officials, DEP, PSC, and the BPH. Important sources of data include, but not limited to:

- Division of Corrections
- WV Bureau for Public Health
- Soil Conservation Service
- U.S. Geological Service

2. Identify Needs

- Water Storage Tank Capacity Determination
- Geotechnical Investigations
- Existing Tanks Demolition Plan
- Replacement of Piping, Valves to New Tank
- New Tank Drain piping
- Security Fence
- Altitude valve/pressure switch for tank overflow control

3. Preliminary Design

- Land surveys for mapping
- Geotechnical Investigations for foundation design
- Preliminary layout of piping, valves, water storage tank valve vault and tank drain pipe
- Existing tanks demolition plan
- Preliminary cost estimates
- Preliminary review with the Division of Corrections Officials

4. Final Design

- Incorporate review comments from the DOC and BPH
- Prepare detailed plans and specifications and final design report in accordance with state and federal guidelines
- Prepare final cost estimates
- Secure permits from BPH and other agencies
- Prepare bid documents
- Conduct pre-bid conference
- Assist in advertising for bids, attend bid opening and assist in evaluation of bids with recommendations for awarding the construction of the project(s)

CONSTRUCTION PHASE

S & S will provide the following services during the construction phase of the project:

1. Administrative Services

- Assist and advise DOC in the preparation of construction contracts for signature(s).
- Issue a "Notice to Proceed" to the appropriate Contractor(s).
- Provide consultation and advise to the DOC during construction
- Preparation of elementary and supplementary sketches and/or drawings required to resolve problems arising from actual field conditions encountered.
- Review and approve shop drawings, diagrams, illustrations, brochures, catalog data, schedules, and samples, results of tests and inspections, other data which the contractor(s) is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents.
- Receive and review maintenance and operating instructions, schedules, guarantees, bond and certificates of inspections which are to be assembled by the contractor(s) in accordance with the contract documents.
- Review and approve requests for periodic and final payments to the contractor(s).
- Issue certificates of completion to the DOC for completed construction contracts.

- Review original drawings and provide to the DOC a digital copy on disk and two (2) sets of prints of "as-built" plans.
- Advise the DOC whether the project is capable of meeting the project performance standards.
- Provide engineering services during start-up of the facility.
- Provide training to DOC employees for the operation of the new facility.

2. Field Services

- A Qualified Design Professional will make periodic visits to the site to observe the progress and quality of the executed work, and determine, in general, if the work is proceeding in accordance with the contract documents. Efforts will be directed toward providing assurance to the Corrections that the completed project will conform to the requirements of the contract documents.
- Make general monthly construction progress reports to the DOC.
- Observe initial operation of the project, or any performance tests as required by the specifications.
- Make final inspection and report on the completed project.

SPECIAL SERVICES

1. Land Surveys

- Easements and right-of-way plat maps
- Verify existing aboveground and underground utilities
- Construction stakeout for proposed water improvements

2. Technical Meetings

- Attend meetings with the DOC, BPH, etc.

3. O & M Manual

- Prepare O & M Manual and obtain BPH approval

PROJECT MANAGEMENT

PROJECT MANAGEMENT

The project team will be made up of the following personnel, including the principal of the firm:

Ashok M. Sanghavi, P.E., DEE, QEP	President / Principal Engineer
Randy B. Crace, P.S.	Vice President / Prof. Surveyor
Jessie O. Parker, Jr., P.E.	Vice President / Prof. Engineer
Victor R. Wilford, P.E.	Senior Engineer
Ryan M. Edmonds, EIT	Project Engineer
Brian Condron, SIT	Survey Party Chief
D. Matt Shelton	Engineering Technician
D. Brandon Crace	Engineering Tech/Const. Inspector
Mike Whitman	Construction Inspector
Michael Hubbard	Construction Inspector

The above team will also be supported by the other staff such as technicians, survey crew, a Autocad operator and a secretary.



RESUMES OF KEY PERSONNEL

CURRICULUM VITAE

ASHOK M. SANGHAVI, P.E., DEE, QEP

PRESIDENT

SUMMARY

Forty one years of professional experience in environmental, water supply, wastewater, solid wastes management, civil and mining engineering fields. He has provided planning, design, construction management and technical expert testimony for environmental and general civil engineering projects. He has prepared Phase I environmental site assessments and carried out subsequent Phase II and Phase III remediation work. He has also prepared portions of environmental impact statements for highway projects. Having worked for state government, as well as private firms, he thoroughly understands both sides, which results in extremely satisfactory completion of a project. He has extensive knowledge of the state and federal water supply, and wastewater laws and regulations. In addition, he is fully familiar with federal/state grant and loan programs.

EXPERIENCE WITH FIRM

**S & S Engineers, Inc.
President**

As the president of the firm, he manages all the projects, assuring professional work and timely completion of work at reasonable fees. He has *hands on* experience in planning, design and construction management and troubleshooting activities in water supply, wastewater, and environmental fields. He has provided technical expert testimony in courts on drainage control, sediment control, wastewater discharges and environmental impacts. He has thorough knowledge of federal and state grant/loan programs.

PAST EXPERIENCE

West Virginia State Health Department

1) Acting Chief, Wastewater Division; 2) District Engineer; 3) Water Supply Engineer

In various capacities, he has gained valuable experience related to water supplies from abandoned mines for small communities, wastewater treatment needs, assistance in planning and design of water and wastewater systems, governmental functions such as writing regulations, design standards, liaison with public, private groups and other agencies. He prepared "draft" design standards for wastewater systems which are now adopted by the State Health Board.

**Flaherty-Giavara Associates; New Haven, Connecticut
Project Manager**

Experience includes planning and design of wastewater facilities, recreational facilities solid waste management plans and general environmental services.



**ACADEMIC
BACKGROUND**

M.S.C.E. (Major - Environmental Engineering) 1970
Partial course work for Ph.D.

**PROFESSIONAL
REGISTRATION**

Registered Professional Engineer, West Virginia
Registered Professional Engineer, Ohio
Registered Professional Engineer, Kentucky
Registered Professional Engineer, Virginia
Diplomate, American Academy of Environmental Engineers
Qualified Environmental Professional, IPEP

**PROFESSIONAL
AFFILIATIONS**

Member, West Virginia Rural Water Association
Member, Water Pollution Control Federation (President, WV Section,
1987-88) (National Director 1989-92)
Member, American Water Works Association

AWARD

Arthur Sidney Bedell Award, Water Environment Federation, (1993)



CURRICULUM VITAE

RANDY BROOKS CRACE, P.S.

VICE PRESIDENT

SUMMARY

Thirty six years of surveying and technical experience. Areas of concentration in boundary surveys, mapping, topography, subdivisions, annexations, right of ways, subdivision development, construction stakeout, solid waste disposal permits, aerial mapping controls, GPS-RTK survey control networks, oil and gas well locations, land development projects, wastewater collection systems, surface and underground mining permits, construction stakeout, hydrology, erosion and sediment control plans, stormwater retention systems, site grading plans, parking lot layout, WVDOH driveway permits, AutoCadd / Softdesk / Eagle Point / software programs, Geographic Information Systems, Phase I - ASTM environmental site assessment and expert witness testimony in surveying field.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.
Vice President

Management of support staff on engineering and land surveying projects for EPA, HUD, WVDOH, industrial, commercial, and private development. Reporting directly to the president for project budgets, manpower estimates, staff assignments and contract management.

EXPERIENCE WITH OTHER FIRMS

Assistant Coordinator

Assisted in the management of survey crews, processing and plotting of data by PC computer, and scheduling of the drafting with the department supervisor for EPA wastewater projects. Special assignments included compiling, processing, mapping and testimony for city boundary annexations.

Surveyor

Responsible for the professional services in mortgage loan inspections, oil & gas well locations and permits, construction layout and management on coal facilities, various engineering and land surveying assignments to the private sector.



Field Crew Supervisor

Duties included engineering and layout on short span bridges, right of way maps, oil & gas well locations, mining permits, Department of Health permits, commercial site surveys and site planning, subdivision design of lots and utilities, engineering of roadways and bridge approaches, and basic surveying and mapping services to the general public.

Survey Crew Chief

Direct field survey crew on engineering surveys for mining permits, quantity estimates, mountain top removals, alignment of overland belts, boundary locations, royalty line controls.

Engineering Technician

Assisted the engineer on the preparation of surface and deep mine maps, coal property maps for investors, mining permit applications, mineral reserve estimates and geologic columns of core drilling.

U.S. Army - SP4 Honorable Discharge - 1974

ACADEMIC BACKGROUND

MUCGS, Institute, WV
Attended graduate classes toward M.S., Major in
Environmental Studies

West Virginia State College, Institute, WV
BA, Major Industrial Technology, December 1989

Cedar Lakes Conference Center, Ripley, WV
OSHA 40 Hour Hazardous Materials, July 1990

AGC/WSDOT
Construction Site Erosion and Sediment Control Certification
Spokane, WA, April 2005

Environmental Site Assessment
Commercial Real Estate Certification
ASTM E-1527 & E-1528, Phoenix, AZ October 2001
ASTM E 1527-05 Phase I and USEPA AAI, Las Vegas, NV Oct. 2006

West Virginia Department of Environmental Protection
Approved Person - Mining Permits 1986



Putnam County Schools, Hurricane, WV
Real Estate Law, 90 Hour certificate, 1985

**ACSM Surveying Instrumentation and Coordinate Computation
Certificate, 1978**

U.S. Army Ordinance Center, Aberdeen, MD, 1972
Certificate in Fuel and Electrical Systems Repair

Center College, Charleston, WV 1970
Technical Degree, Drafting

PROFESSIONAL REGISTRATIONS Professional Surveyor, West Virginia, 1982
Professional Surveyor, Ohio, 1990
Registered Surveyor, Kentucky, 1982

PROFESSIONAL ASSOCIATIONS Member, West Virginia Association of Land Surveyors
Member, American Congress on Surveying & Mapping
Member, National Society of Professional Surveyors
Associate, American Institute Architects, WV

CURRICULUM VITAE

JESSIE O. PARKER, JR., P.E.

VICE PRESIDENT

SUMMARY

Eight years of civil engineering projects including water, wastewater, storm sewers, drainage calculations, grading plans, inspections, payment request approvals, quantity & cost estimates, having worked with Contractors, City & PSD personnel, private sector, regulatory and funding agencies, he is able to move the project in a professional, cost-effective and timely manner.

EXPERIENCE WITH FIRM

Experience includes planning, design, and construction management for a variety of environmental and civil engineering projects. This encompasses line layout, hydraulic analysis, pump and booster station designs, plant layout and design, process design, specification writing, permitting, storm water and drainage control, and cost estimating, as well as management of all phases and details of the projects. He works closely with all involved parties to ensure timely, cost efficient, and successful projects. He has also written several preliminary engineering reports and environmental reports.

ACADEMIC BACKGROUND

WVU Institute of Technology, Montgomery, WV
B. S. Civil Engineering - 2002

Marshall University, South Charleston, WV
M.S. Engineering - May 2006

PROFESSIONAL REGISTRATION

Registered Professional Engineer, West Virginia

PROFESSIONAL AFFILIATIONS

Member, Water Environment Federation
Member, American Society of Civil Engineers



CURRICULUM VITAE

VICTOR R. WILFORD, P.E.

SENIOR ENGINEER

SUMMARY

Forty years of experience in water supply, wastewater, and environmental engineering. Liaison with USEPA, WVDEP, WVDOH and other agencies, budget and personnel administration.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.

Project management of various water supply and wastewater projects.

PAST EXPERIENCE 12/70 - 6/04

WV Department of Health & Human Resources
Bureau for Public Health
Office of Environmental Health Services
Environmental Engineering Division
815 Quarrier Street, Suite 418
Charleston, West Virginia 25301

Director, Environmental Engineering Division (11/2000 - 6/2004)
Responsible for the overall administration and management of a 70 person staff for the implementation of the state's environmental engineering programs for water and wastewater. Primary duty includes the implementation of the federal Safe Drinking Water Act including the source water protection programs and state revolving loan fund. Program budget was approximately \$12.5 million including the \$7.5 million DWT-SRF funding.

Assistant Director, Environmental Engineering Division (1984 - 2000)
Responsible for the administration of engineers, sanitarians, and engineering technicians in five district offices for the implementation of the state's drinking water and waste water Programs. Duties include personnel management, technical assistance, policy development and interpretation, regulatory development and emergency assistance. Responsible for coordination of program with USEPA, other sections of the Division and other state and federal agencies. Also assisted Division Director with budget and grant preparation.

Section Chief, Drinking Water Program (1978-1984)
Responsible for administration of the state's drinking water program in three district offices. Duties included the review of inspection reports, evaluation of various treatment techniques, taking enforcement actions, and providing technical assistance to staff.



Staff Engineer, Drinking Water Program (1970-1984)
Responsible for performing inspections, development of reports and recommendations and the evaluation of drinking water treatment plants throughout the state.

**ACADEMIC
BACKGROUND**

- 1969 New Jersey Institute of Technology, Newark, New Jersey
B.S. in Civil Engineering
- 1972 University of Colorado, Boulder, Colorado
M.S. in Civil Engineering
- 1988 Marshall University, Huntington, WV
M.S. in Engineering Management

**PROFESSIONAL
REGISTRATION** Registered Professional Engineer, West Virginia #6628

PROFESSIONAL AFFILIATIONS, OFFICER, & AWARDS

- 1970-Pres. American Water Works Association (Life Member)
1988 Silver Presidential Award
1988 - 95 National Education Division Trustee
1985 - 88 Director, National Board of Directors
1984 - 85 Member, National Ad Hoc Committee on Small Water Systems
1984 - 85 National Advisory Committee Member for publication of "Design and Construction of Small Water Systems - A Guide for Managers"
1981 - 84 Secretary - Treasurer, WV Section
1983 - 84 President, Diamond Pin Club
1981 George Warren Fuller Award Recipient
1981 Ambassador Award Recipient
1980 - 81 Chairman, WV Section
1975 - 80 Trustee, WV Section
1974-1984 Conference of State Health and Environmental Managers (now defunct)

Served as member for the development and publication of "Small Water Systems Serving the Public"

Liaison representative to the AWWA Water Utility Council.

- 1985-2004 National Sanitation Foundation
Member of the Joint Committee on Drinking Water Treatment Units
Member, Steering Committee for ETV (Evolving Technology Verification) program



- 1989-1997 Interstate Commission on the Potomac River Basin
Alternate Commissioner for the State of West Virginia
- 1993-2004 West Virginia Solid Waste Authority
Proxy representative for the Commissioner of Health
- 2000-2004 West Virginia Water Development Authority
Proxy representative for the Commissioner of Health
- 01/04-06/04 Association of State Drinking Water Administrators
Board Member represented EPA Region III States
- 1976-1997 Nitro Sanitary Board
Member of the Board. During tenure provided oversight for approximately five million dollars of construction including both the plant and sewer system.

CURRICULUM VITAE

RYAN M. EDMONDS, EIT

PROJECT ENGINEER

SUMMARY

Five years of civil engineering projects including rural and urban site development, public and private roadways, subdivisions, water, wastewater, storm sewers, grading plans, drainage computations, soil erosion and sediment control, landscaping, and quantity cost estimates. He has provided planning, design, and construction management for residential, commercial and industrial development of general civil engineering projects.

EXPERIENCE WITH FIRM

**S & S Engineers, Inc.
Project Engineer**

Experience includes approval of contractor submittal requests and preparation of project Asset Management Plan.

EXPERIENCE WITH OTHER FIRM

**Terra Engineering and Land Solutions, PC, Stuarts Draft, VA
Design Engineer**

Experience includes planning, design, and construction management for various civil engineering development projects. The work associated includes but not limited to: site plan layout, topographic base mapping, boundary surveys, road design, storm water management for water quality and quantity, site grading, erosion and sediment control, specification writing, environmental permitting, earthen dam inspections, and cost estimation. Worked closely with clients, contractors, and regulatory agencies throughout all phases of the projects to ensure a cost effective and timely completion of each respective project.

ACADEMIC BACKGROUND

**West Virginia University, Morgantown, WV
B.S. Civil Engineering - 2003**

CERTIFICATION

WV EI Certificate #8769



CURRICULUM VITAE

BRIAN J. CONDRON, SIT

SURVEY PARTY CHIEF

SUMMARY

Sixteen years of surveying experience with major emphasis on aerial photography control surveys, GPS control surveys, construction layout, earthwork projects, topographic mapping, location surveys and roadway surveying. Competent in the use of robotic and conventional total stations, data collectors, and Autocad drafting.

EXPERIENCE WITH FIRM

**S & S Engineers, Inc.
Survey Party Chief**

Duties include supervising survey crews, performing all stages of field work with various types of survey equipment including auto-tracking robotic total stations, conventional total stations, and control-grade GPS receivers. Responsible for project research, data collection survey note reduction, computations, and computer drafting. Involved with various WVDOH funded highway projects including horizontal and vertical controls, property surveys, right-of-way, construction layout and mapping.

PAST EXPERIENCE

Survey Party Chief

Responsible for contacting clients and performing courthouse research. Supervised a rod person and operated a total station for rural boundary surveys. Managed up to a four person survey crew, coordinated surveys and client meetings, performed all stages of survey research, and used Autocad to generate plats.

Instrument Operator

Operated a total station for acreage and location surveys, operated a theodolite with EDM for boundary line surveys and supervised a rod person.

Rod/Chain Person

Operated rod for property line surveys, flood elevation certificates, land and coal stockpile topography projects. Cut cross section lines. Responsible for maintaining equipment.

ACADEMIC BACKGROUND

West Virginia Institute of Technology, Montgomery, WV
BS, Surveying Engineering Technology, May 1995.

West Virginia Institute of Technology, Montgomery, WV
AS, Civil/Surveying Engineering Technology, May 1991

Hurricane High School, Hurricane, WV

Graduated in top 10 percent of class in Academics Program, June 1988.



CURRICULUM VITAE

D. MATT SHELTON

**ENGINEERING TECHNICIAN /
CONSTRUCTION INSPECTOR**

SUMMARY

Experience in construction management, record keeping, quantity and payment reviews, inspection, site grading, and surveying. Having worked with general contractors, subcontractors, community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.

Over five years experience as a Civil Engineering / Survey Technician or Inspector. Experienced in site grading, surveying, quantity surveys, building layout, water & sewer system design and construction inspection on civil engineering projects.

Experience as Engineering Technician includes design of pump stations, water & sewer lines, manholes, drainage calculations, and quantity estimates.

Experience as Survey Technician / Instrument man includes topographic surveys, construction stakeout for water & sewer systems and highways, building layout, cut sheets for sewer systems, GPS surveying for field control work, etc.

ACADEMIC BACKGROUND

WVU Institute of Technology

A. S. Civil Engineering Technology - (December 2004)

B. S. Civil Engineering Technology - (May 2005)



CURRICULUM VITAE

D. BRANDON CRACE

**ENGINEERING TECHNICIAN /
CONSTRUCTION INSPECTOR**

SUMMARY

Experience in construction management, record keeping, quantity and payment reviews, inspection, site grading, surveying, concrete testing and compaction testing. Having worked with general contractors, subcontractors, community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.

Over two years experience as a construction inspector, survey rodman and AutoCAD technician. Construction experience includes the Town of Winfield and Nitro Regional Wastewater Utility wastewater system projects. Survey rodman experience includes: topographic surveys, construction stakeout for water and sewer systems, highway/roadway alignment layout, as-builts, and boundary surveys.

EXPERIENCE WITH OTHER FIRM

American Geotech, Inc.

Over two years of training and experience in the geotechnical engineering field, working in both the public and private works sectors. Preparing geotechnical engineering recommendations pertaining to shallow and deep foundations (including and not limited to bearing capacity, floor-slab support, pavement design parameters, seismic evaluation), H-Pile retaining wall systems, preliminary geotechnical engineering studies, geotechnical feasibility studies, and drainage, damage, and evaluation studies. Project construction varied from single to multi-story buildings (timber and metal frame), parking garages, water and wastewater treatment facilities (clarifiers, grit chambers, settling basins, etc.), auger-cast pile foundation systems, and shallow (conventional and rigid) foundation systems. Completion of Phase I Environmental Site Assessments (ESA) following ASTM E-1507 and some exposure to Limited Phase II Site Assessments.

Over two years of experience as an engineering field technician. Responsibilities included various phases of quality control and quality assurance on numerous projects (schools, commercial buildings, warehouses, parking garages, and churches). Experience includes inspection of shallow foundation systems, compaction testing (soil, stone, and asphalt), concrete testing, visual rebar inspection, and GeoPier inspection, along with various laboratory testing procedures.



**ACADEMIC
BACKGROUND**

West Virginia University Institute of Technology

A.S. Civil Engineering Technology – December 2006

B.S. Engineering Technology (Civil Emphasis) – May 2008

Putnam County Technical Center

Drafting and Design Technology (540 Credit Hours)

**PROFESSIONAL
ASSOCIATIONS**

West Virginia Department of Environmental Protection

Certified Level II Stream Monitor

OSHA: General Industrial Safety & Health (30 Hour)



CURRICULUM VITAE

MICHAEL WHITMAN

CONSTRUCTION INSPECTOR

SUMMARY

Experience in construction management, record keeping, quantity and payment reviews, inspection, site grading, and surveying. Having worked with general contractors, subcontractors, community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.

Employed as construction inspector for over eight years with S & S. Currently providing inspection on Chelyan PSD - Winifrede Hollow Sewer Extension Project. Previously completed inspection on Town of Winfield, Ellenboro-Lamberton PSD, Prichard PSD, Town of Sophia and Chelyan PSD wastewater system projects. Duties include sewer line and / or water line inspection, pump station inspection, water booster and water storage tank inspection, maintaining daily log books, maintaining tap reports and as-builts, and reviewing quantity estimates and pay requests.

EXPERIENCE WITH OTHER FIRM

Thrasher Engineering

Oct. 2003 - July 2004

Pea Ridge Public Service District - Wastewater System Project

July 2004 - November 2004

Union - Williams Public Service District - Wastewater System Project

Boyles & Hildreth

Apr. 2005 - Dec. 2005

Walton Public Service District - Water System Project

Various job duties included construction inspection, installation of telecommunication and cable lines; construction stakeout, concrete testing, heavy equipment operator, assist surveyor and several other construction related duties.

ACADEMIC BACKGROUND

Glenville State College

Course work in Environmental Technology

Spencer High School Graduate



CURRICULUM VITAE

MICHAEL HUBBARD

ENGINEERING TECHNICIAN/
CONSTRUCTION INSPECTOR

SUMMARY

Experience in design, grading plans, surveying, construction management, record keeping, quantity and payment reviews, inspection and surveying.

EXPERIENCE WITH FIRM

S & S Engineers, Inc.

Employed as engineering technician/construction inspector for Yeager Airport's Wetland and Stream mitigation Project funded by Stimulus Package as a green project. Duties include construction inspection, keeping daily log books and as-builts.

EXPERIENCE WITH OTHER FIRMS

Summer Intern for WV Division of Aviation, helping mechanics, cleaning aircrafts, load and unload passengers.

Summer Intern for WV Division of Highways, Parkersburg District.

ACADEMIC BACKGROUND

Bridgemont Community & Technical College

A. S. Civil Engineering Technology

A. S. Drafting & Design

Herbert Hoover High School Graduate



PROJECT EXPERIENCE

WATER PROJECT EXPERIENCE

1. **City of Sistersville - Waterline Replacement and Water Storage Tank Project**
Replacement of waterlines in Virginia Terrace for fire protection to school and replacement of North Tank with a 500,000 gallon tank. Project completed September 2011. Leftover funds of \$ 200,000 used to purchase several equipment for the City. Total Project cost \$ 2,010,000.
2. **City of St. Marys - Waterlines Replacement Project:** Phase I involved replacement of waterlines in 12 streets area, replacement of an underground reservoir with a 500,000 gallon above ground tank and addition of another 270,000 gallons water storage tank. Project completed in 2010 at a total cost of \$ 5,000,000. The remaining \$ 320,000 funds are being used to replace all existing meters with radio frequency meters, purchase several equipments, truck, etc.
3. **Ellenboro-Lamberton PSD - Ritchie County, WV:** Water & sewerlines extensions and a 150,000 gallons water storage tank to proposed industrial park. Project completed in 2009 at a cost of \$ 1,260,000. Remaining \$ 46,000 used to buy equipment.
4. **Northern Jackson County PSD -** Preliminary engineering report, design, and construction management of watermain extensions, booster station, and 130,000 gallons and 100,000 gallons water storage tanks to serve seven areas. Intermunicipal agreement negotiations with City of Ravenswood. Project completed in 2006. Total project cost \$5,200,000.
5. **City of St. Marys - Water System Improvements:** Watermain replacements, booster station, 48,000 gallons storage tank, chlorine contact tank, well improvements, chemical feeders, new well development, watermain extensions to St. Marys Correction Center. Project completed in 2000 at a total cost of \$1,000,000.00.
6. **City of Belmont - Painting of Water Storage Tank:** Preparation of contract documents, bid advertisement, bid tabulation and award recommendation for a 300,000 gallons water storage tank.
7. **City of St. Marys and Pleasants County Commission - Water System Improvements:** Planning, design, and construction of water treatment plant, watermain extensions, and storage tanks to serve Middle Island Creek and Mt. Carmel Ridge. Project completed in 1997.
8. **City of Pennsboro -** Watermain extensions to Ellenboro-Lamberton PSD.
9. **Ellenboro-Lamberton PSD -** Planning, design, and construction management of water and sewer extensions to the Simonton Windows Plant.

10. **Chelyan Public Service District and Kanawha County Commission, West Virginia:** Planning, design and construction management of fourteen (14) miles of water distribution system, 200,000 gallon storage tank, fire hydrants and related appurtenances. This project was funded by HUD, Kanawha County Commission and has been operational since 1984. This project was under the budget amount. An additional 100 families were served and monies returned to Kanawha County Commission upon completion of the project.
11. **City of Ripley - Water System Improvements:** S & S provided full-time resident construction inspection and management services for the water plant modification, booster station, 2 storage tanks and distribution system. Project completed in December 1987.
12. **Boone County Commission/Spruce Fork Public Service District:** Planning, design, and construction management of 120 gpm iron and manganese removal plant, 8,000 gallon storage tank and installation of meters on existing system. Project completed under budget amount in 1988.
13. **Boone County Commission/South Boone Public Service District:** Project involved extension of watermains and a booster station to serve 130 customers in the Communities of Bim and Wharton. Project completed under the budget amount in 1988.
14. **West Virginia Army National Guard - Camp Dawson, Kingwood:** Planning, design and construction management of 120 gpm water treatment plant, 150,000 gallon storage tank, distribution system and upgrading of groundwater wells. This project is completed under budget amount and operational since June 1987.
15. **Water Treatment Plant Improvements, Anthony Correctional Center:** Preliminary engineering report, design of improvements to the facilities such as groundwater well iron and manganese removal unit, water level controls for storage tank, chlorinator and chlorine contact tank.
16. **Boone County Commission/Danville Public Service District:** Project involved extension of watermains from the Town of Madison to the Community of Washington Heights to serve 108 customers. Project completed under budget in 1988.
17. **City of Kenova - Water System Repairs:** Preparation of plans and specifications for painting of six (6) water storage tanks and repairs to water treatment plant.
18. **Town of Fort Gay - Water System Improvements:** Preliminary engineering report, design, and construction management of improvements to the facilities to include 150,000 gallon storage tank and new 250 gpm surface water treatment plant. Project completed in 1998.

19. **City of Paden City, Tyler/Wetzel Counties, West Virginia:** Planning, design, and construction management of 500 gpm water treatment plant, distribution system replacement, 4 groundwater wells rehabilitation and relining and drilling of a new well. This project was completed in 2002. Total completion cost \$1.8 million.
20. **Review of numerous water supply projects for the State Health Department:** Training, examination and certification of water plant operators, troubleshooting for water systems, swimming pools and bathing places.

CLIENT REFERENCES

WATER SUPPLY CLIENT REFERENCES

1. Mr. Rick Phillips, City Manager (304) 684-2401
City of St. Marys
418 Second Street
St. Marys, WV 26170
2. Mr. Allan Maxwell (304) 652-6361
City of Sistersville
200 Diamond Street
Sistersville, WV 26175
3. Mr. Frank Murrey, Chairman (304) 273-9621
Northern Jackson County Public Service District
1354 Gilmore Drive
Sandyville, WV 25275
4. Hon. William Fox, Mayor (304) 337-8581
City of Paden City
208 W. Main Street
Paden City, WV 26159
5. Mr. Mickey Walters, Chairman (304) 869-3280
Ellenboro-Lamberton PSD
418 Main Street
Pennsboro, WV 26415
6. Mr. Sam Hope, Manager (304) 595-2203
Mr. David Howell, Chairperson
Chelyan Public Service District
P.O. Box 8
Cabin Creek, WV 25035
7. Hon. Rusty Casto, Mayor (304) 755-3669
City of Nitro
P.O. Box 607
Nitro, WV 25143
8. Hon. Rose DeVaney, Mayor (304) 648-5246
Town of Fort Gay
P.O. Box 336
Fort Gay, WV 25514
9. Boone County Commission (304) 369-7303
200 State Street
Madison, WV 25130





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

Request for Quotation

RFQ NUMBER
 COR61489

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 TARA LYLE
 304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

S & S Engineers, Inc.
 501 Eagle Mountain Road
 Charleston, WV 25311

SHIP TO

DENMAR CORRECTIONAL CENTER
 HC-64, BOX 125
 DENMAR ROAD
 HILLSBORO, WV
 24946

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/19/2012				

BID OPENING DATE: 02/07/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ARE ATTACHED.						
2. THE BID OPENING HAS BEEN MOVED FROM 01/25/2012 TO 02/07/2012.						
3. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
END OF ADDENDUM NO. 1						
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ COR61489 ***** TOTAL:						

RECEIVED
 2012 FEB -7 PM 12:13
 WV PURCHASING DIVISION
 DESK 1

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ausang</i>	TELEPHONE (304) 342-7168	DATE 2/1/2012
TITLE President	FEIN 55-0601971	ADDRESS CHANGES TO BE NOTED ABOVE

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

COR61489
Addendum No. 1

Denmar Correctional Center

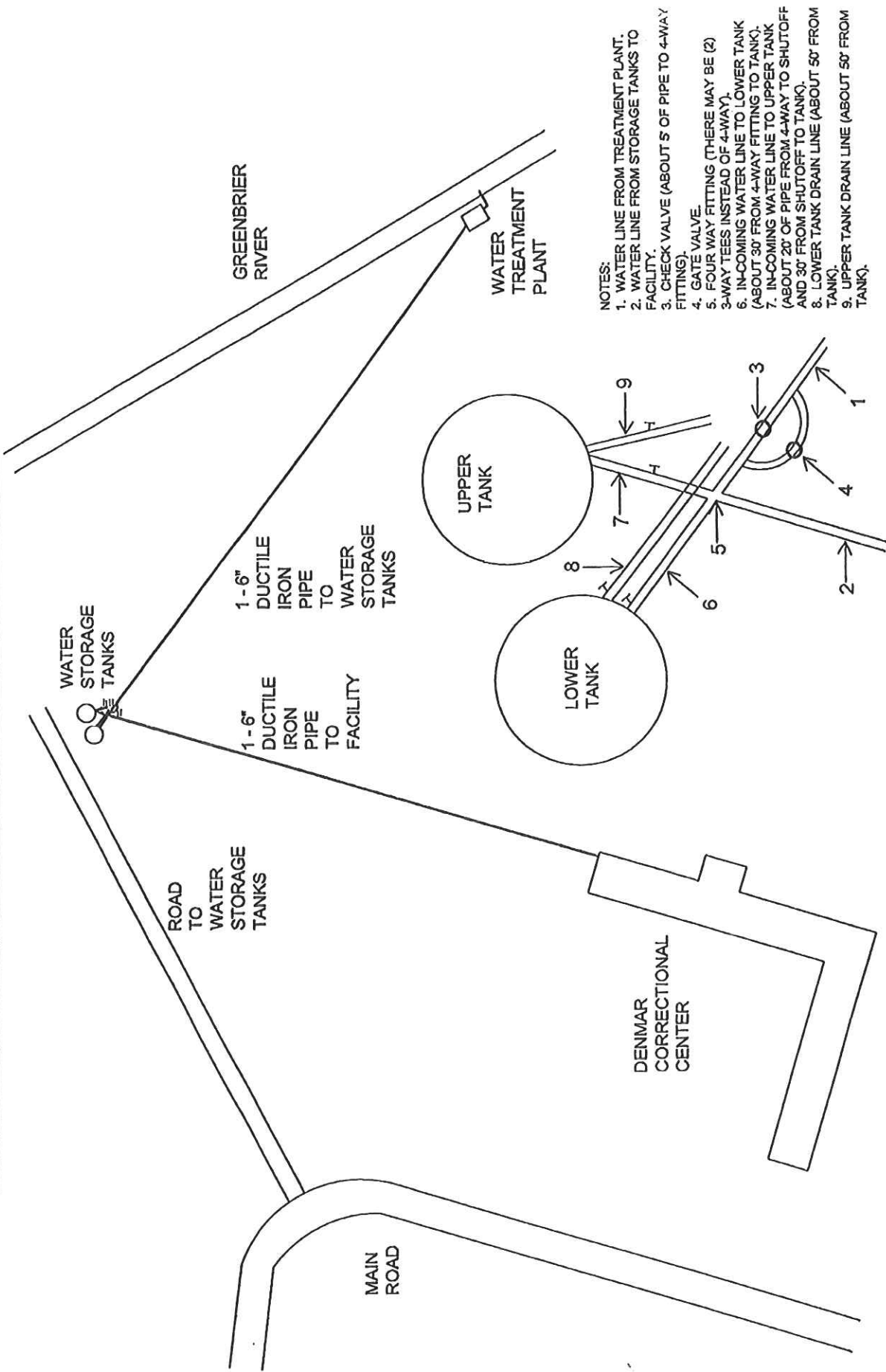
Questions:

- Q1: Will glass-lined bolted steel tanks be allowed for consideration on this project?
- A1: Yes.
- Q2: What is the approximate linear footage of 6" ductile iron pipe that is to be replaced to the new water tanks?
- A2: See attached drawing.
- Q3: What is the time-frame for having the design and construction completed for the tanks?
- A3: As soon as possible.
- Q4: If available I would kindly request for a plan holders or a pre-approved list for the above referenced project.
- A4: This is in Expression of Interest. This type of procurement is soliciting architectural and engineering services, including those professional services of an architectural or engineering nature. The only documentation available is the original solicitation published in the WV Purchasing Bulletin and this addendum. We do not have a pre-approved list or any plan holders at this time.

Clarifications:

- C1: The bid opening has moved from 01/25/2012 to 02/07/2012. Bid opening time remains at 1:30 pm.
- C2: No additional questions will be accepted.

DENMAR CORRECTIONAL CENTER - REPLACEMENT OF TWO (2) WATER STORAGE TANKS



- NOTES:**
1. WATER LINE FROM TREATMENT PLANT.
 2. WATER LINE FROM STORAGE TANKS TO FACILITY.
 3. CHECK VALVE (ABOUT 5' OF PIPE TO 4-WAY FITTING).
 4. GATE VALVE.
 5. FOUR WAY FITTING (THERE MAY BE (2) 3-WAY TEES INSTEAD OF 4-WAY).
 6. IN-COMING WATER LINE TO LOWER TANK (ABOUT 30' FROM 4-WAY FITTING TO TANK).
 7. IN-COMING WATER LINE TO UPPER TANK (ABOUT 28' OF PIPE FROM 4-WAY TO SHUTOFF AND 30' FROM SHUTOFF TO TANK).
 8. LOWER TANK DRAIN LINE (ABOUT 50' FROM TANK).
 9. UPPER TANK DRAIN LINE (ABOUT 50' FROM TANK).

EXHIBIT 10

REQUISITION NO.: COR61489

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1

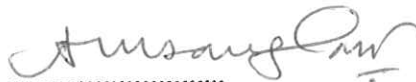
NO. 2

NO. 3

NO. 4

NO. 5

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR MUST CLEARLY 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.



.....
SIGNATURE

S & S Engineers, Inc.

.....
COMPANY

2/1/2012

.....
DATE