

**EXPRESSION OF INTEREST FOR ENGINEERING SERVICES  
WEST VIRGINIA DIVISION OF NATURAL RESOURCES**



RECEIVED  
2019 FEB 21 PM 2:37  
WV PURCHASING  
DIVISION

**CASS SCENIC RAILROAD STATE PARK  
TOWN WASTEWATER COLLECTION SYSTEM RENOVATIONS  
AND TREATMENT IMPROVEMENTS  
CEOI 0310 DNR1900000002**

**Submitted To:**

**Department of Administration  
Purchasing Division  
2019 Washington St E  
Charleston, West Virginia 25305**

**February 22, 2019**

**Submitted By:**

***Ghosh***  
**ENGINEERS INC.**  
4710 Chimney Drive, Suite A  
Charleston, West Virginia 25302  
(304) 343-5300

February 22, 2019

Department of Administration  
Purchasing Division  
ATTN: Mr. Guy Nisbet  
2019 Washington St E  
Charleston, West Virginia 25305

RE: Expression of Interest for Engineering Services  
Cass Scenic Railroad State Park  
Town Wastewater Collection System Renovations and Treatment Improvements  
CEOI 0310 DNR1900000002

Dear Mr. Nisbet:

We are pleased to submit our proposal for all engineering services pertaining to the above referenced project. In making this proposal, we would like to stress the following:

1. During the last 37 years, Ghosh Engineers has designed and completed many wastewater treatment systems, collection systems, and transportation systems totaling over \$150 million in construction costs. During the same time period, we also designed and completed many water treatment, storage, and distribution systems totaling over \$50 million in construction costs.
2. We are very familiar with Federal and State regulations pertaining to water and wastewater projects. We maintain an excellent working relationship with governmental agencies such as the Department of Health, Public Service Commission, Department of Environmental Protection, WV Development Office, WV Infrastructure and Jobs Development Council, regional councils, etc. We are a Charleston-based, West Virginia corporation having vast experience in regulations controlling West Virginia projects.
3. We are currently providing services for the Division for a wastewater system upgrade at Tomlinson Run State Park in Hancock County. This project will eliminate the existing wastewater treatment plant in the Park, and transport all the wastewater to the Hancock County PSD for treatment.

4. The personalized service that we provide by being a small company and keeping our overhead costs low, as well as our vast experience on past projects, will provide the Division with the most cost-effective yet highest quality service available.

Thank you for the opportunity to submit this proposal. We are available and welcome the opportunity to discuss this project further, or to answer any questions you may have.

Sincerely,

GHOSH ENGINEERS, INC.



Kennon T. Chambers, PE  
Vice President

Enclosure

EXPRESSION OF INTEREST FOR ENGINEERING SERVICES  
WEST VIRGINIA DIVISION OF NATURAL RESOURCES

CASS SCENIC RAILROAD STATE PARK  
TOWN WASTEWATER COLLECTION SYSTEM RENOVATIONS  
AND TREATMENT IMPROVEMENTS

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## PERFORMANCE RECORD

We are proud to provide you with some of the performance records for wastewater projects undertaken in the last thirty-seven years. We encourage you to call any and all of our clients to inquire about our professional capability, ability to perform on time, ability to hold cost overruns to minimum and general overall performance.

Below are a few examples of the many projects that we have completed throughout the history of our company.

### WASTEWATER PROJECTS

1. City of White Sulphur Springs – This project added Enhanced Nutrient Removal (ENR) to the existing wastewater treatment plant and was necessary to meet the more stringent requirements of the City's NPDES permit, which lowered the effluent limit for phosphorus from 5 mg/l to 1 mg/l during the months of April to October. This project was funded through a grant from "Chesapeake Bay Funding program" and SRF Loan and completed in 2017. The total construction cost of this project was reduced from a suggestion made by the Contractor and approved by Ghosh. This allowed the City to utilize an additional \$80,000 in project funds to purchase tools and equipment for the treatment plant which the City needed at that time. This project met the budget and was completed on time. Kennon Chambers, P.E. was the Project Manager, and Mark Layman, Supervisor, for the City of White Sulphur Springs is the contact person. His phone number is (304) 536-0206.
2. City of White Sulphur Springs – This project involved design and construction of a new 2.5 million gallon per day (MGD) Vertical Loop Reactor (VLR) at the existing wastewater treatment site. Construction of this \$17 Million project began in October 2009 and was completed in 2011. This project came in under budget and was completed on time. Paul Ghosh, P.E. and Ron Fisher were the Project Managers, and Mark Layman, Supervisor, for the City of White Sulphur Springs is the contact person. His phone number is (304) 536-0206.

3. City of Dunbar - Project involved replacement of the existing trickling filter plant by a 2.25 MGD VLR Plant. Project also included 45,600 ft. of storm and sanitary sewers, rehabilitation of sanitary sewers and rehabilitation of nine (9) sewage-pumping stations. This project was entirely funded through Clean Water State Revolving Fund (SRF) loan funds at a cost of \$17 Million. This project was substantially completed in January 2001. The Dunbar facility won the EPA Region III O&M Excellence Award in 2002, WV DEP Outstanding Plant Award in 2004 and US EPA Nation Award 1<sup>st</sup> place for 1 MGD to 10 MGD Facilities. This project came in under budget and was completed on time. Paul Ghosh, P.E. and Ron Fisher were the Project Managers, and Ron Byrnside, General Manager of the Dunbar Sanitary Board, was the contact person for the City. He can be reached at 304-766-0209.
  
4. City of Dunbar – Finalized in late 2015, this was a \$12 Million project to separate storm and sanitary sewers in the downtown area and rehabilitate existing sanitary sewers in the Roxalana areas of the city. Project also included a new sewage-pumping station at 25<sup>th</sup> Street. This project was entirely funded through SRF loan funds. This project came in under budget and was completed on time. Remaining SRF project funds were utilized to perform an energy efficiency project at the treatment plant. Paul Ghosh, P.E. and Ron Fisher were the Project Managers, and Ron Byrnside, General Manager of the Dunbar Sanitary Board, was the contact person for the City. He can be reached at 304-766-0209.
  
5. City of Follansbee - Project involved upgrade of an existing 0.5 MGD extended aeration sewage treatment plant to treat 1.6 MGD. Design of this project included two new oxidation ditches with boat clarifiers, conversion of existing plant to aerobic digesters, chlorine disinfection and installation of new filter belt press to dewater sludge. Construction of this project was completed in 2000. This project came in under budget and was completed on time. Paul Ghosh, P.E. and Ron Fisher were the Project Managers, and John DeStefano, City Manager, was the City's contact person for this project. He can be reached at 304-527-1330.

## CURRENT WORKLOAD

City of Follansbee – Located in Brooke County, the City of Follansbee has recently hired Ghosh Engineers to perform a comprehensive study on both their water and wastewater systems. This study includes the wastewater treatment plant, lift stations, and collection system, as well as two water treatment plants (one ground water and one surface water plant), booster pumping stations, storage tanks, and distribution system. The results of the study being performed will likely result in significant upgrades and rehabilitation to each system. Ghosh Engineers has worked with the City of Follansbee since the early 1990's. Both projects have been submitted for project funding.

Hancock County PSD – This project involves a new sanitary sewer collection system serving 220 users along the US 30 between the Town of Chester and the West Virginia/Pennsylvania state line. This project is now under construction.

Tomlinson PSD – Ghosh Engineers had been retained by the Hancock County Commission to perform a comprehensive study of two potable water systems in Hancock County that have recently merged into one system. Those two systems, Tomlinson and Grant Public Service Districts, serve approximately 2,000 customers in the northern portion of the county. The study resulted in recommendations for upgrades of the distribution system and water storage necessary to maintain or improve service to their customers. This project is currently in the design stage.

West Fork Onsite Community Cooperative – Four small and low-income communities in Harrison County, WV, just outside of the City of Clarksburg, came together and formed a Cooperative approximately 20 years in an effort to provide a decentralized wastewater treatment and collection system. Ghosh Engineers has been assisting in the preparation of a study to construct a STEP (Septic Tank Effluent Pump) system to collect the waste and transport it to an onsite treatment plant utilizing packed bed filtration. This project is currently in the planning stage.

Calhoun County Middle/High School – The middle and high school is currently served by an existing 18,000 GPD packaged wastewater treatment plant that was installed in 1997. The treatment capabilities have diminished due to wear and tear on the equipment and the sand bed filters have not been maintained, making one of the two beds inoperable. A new 6,500 GPD post treatment system will be constructed utilizing a recirculation tank and packed bed filters to be utilized for final treatment prior to disinfection. The existing treatment plant will be rehabilitated and utilized for secondary treatment. Contracts for this project have been awarded and construction is expected to start in early spring.

Huttonsville PSD – In June 2018, Ghosh Engineers, Inc. was retained by the Huttonsville Public Service District for the preparation of a Preliminary Engineering Report (PER) in order to obtain funding for an ammonia reduction project at their existing treatment plant which consists of two aerated lagoons and two polishing ponds. In addition to this project, the District has decided to examine possible solutions for the I/I that causes loss of treatment capabilities. The scope of the work consists of reducing the amount of inflow and infiltration (I/I) within the system and a WCS Bio-Shell treatment system to provide needed treatment of the wastewater lagoon facility to lower ammonia-nitrogen levels. This project is currently in the planning stage.



## PROJECT APPROACH

Ghosh Engineers proposes the following approach for the project as outlined by the Division in the CEOI. It should be noted that this is a general approach that is taken with most projects; however, all projects are unique in certain aspects and our approach will be modified as necessary in order to meet the goals set forth by the Division and from the results of our investigation.

1. **Preliminary Site Evaluation** – Ghosh will travel to the project site to ascertain all pertinent information available by field investigation, interviews with Park personnel familiar with the collection and treatment system, and existing drawings, O&M manuals, etc. At this point, Ghosh will meet with the Division to establish a Scope of Work to be performed.
2. **Field Surveying**- Ghosh will utilize a sub-consultant to field locate all existing visible features of the wastewater system including manholes, lift stations, treatment plant, etc. both horizontally and vertically. Dependent on if any existing mapping is available to be utilized for Construction Drawings, the extent of the surveying could be minor or somewhat more involved.
3. **Site Investigation/Preliminary Design**- Ghosh will perform all necessary site investigation and establish a preliminary design from that information. At this point, Ghosh will meet with the Division to provide at least two different options and opinion of probable construction cost for each, for review and approval. The pros and cons of all alternatives will be discussed, and Ghosh will help the Division make choices along the way. Environmental clearances, permits, and existing utility information for construction drawings will all be acquired before the start of the Preliminary Design.
4. **Final Design**- Once the Preliminary Design has been selected and approved by the Division, and all comments and/or concerns are addressed, Ghosh will move forward with finalizing design and the preparation of Construction Documents. Construction Documents shall consist of Construction Drawings and Technical Specifications,

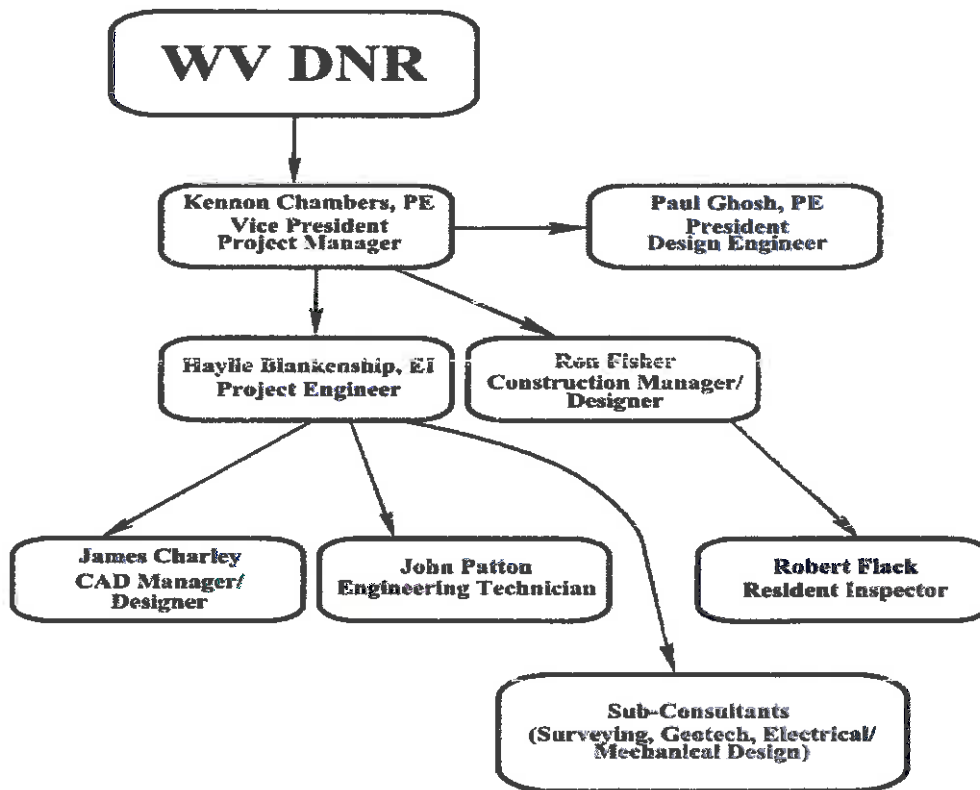
including all Bid Documents as required. Once final approval is given by the Division, Ghosh will prepare and submit the final Bid Set of Construction Documents. During the Final Design stage of the project, sub-consultants may be utilized to perform any geotechnical investigations, and electrical/mechanical design assistance as necessary.

5. **Bidding and Contracting-** Ghosh will prepare and distribute Construction Documents, as necessary. These documents will be in electronic (PDF) format. Ghosh will attend any and all meetings as requested by the Division during the bidding process and prepare any Addenda to the Documents as deemed necessary.
6. **Construction Administration-** Ghosh will provide any and all construction related services for this project, as requested by the Division. Scheduled monthly progress meetings are also part of the Construction Administration. Resident Inspection as performed by Ghosh is available if the Division would require that service.
7. **Project Close Out-** Ghosh will provide final as-built drawings to the Division, as well as any additional information that may be available such as O&M manuals for equipment.

## COMMUNICATION DURING PROJECT

Throughout all stages of the project, the Division will have one point of contact with Ghosh Engineers and that will be Mr. Kennon Chambers, P.E. who may be reached by email or mobile phone at any time. Mr. Chambers will administer all aspects of the design of the project, and regularly communicate back to the Division's appointed contact on a regular schedule, but at least monthly. Monthly progress meetings will also be held with the Division and Contractor once the project goes to construction, with an agenda and minutes prepared for each and distributed to all parties.

The benefit of hiring Ghosh is that we are available for our client via email or phone any time when questions/concerns arise. Due to the size of the staff, you will be involved with the same individuals from project start to finish. With a close working relationship as we are able to provide, projects can be completed on-time and on-budget while maintaining a constant and consistent form of contact with the client keeping them informed.



## **SCHEDULING/BUDGET CAPABILITIES**

Ghosh Engineers is a small water and wastewater consulting firm who specializes in providing the personalized service that larger companies cannot, and that our clients appreciate. By being small, our engineers are also our project managers who are responsible for keeping the project on budget and on schedule.

Before bidding the project and after the final design has been approved by the Division, Ghosh Engineers will reexamine the construction estimates to ensure that all costs are up to date and the estimate is as accurate as possible. It is also a standard practice to bid using either "Additive Alternates" or "Deductive Alternates" which enables the client to selectively add or deduct portions of the project as necessary to meet the budget.

After the Bid is submitted, and if the Bid is over budget without being able to utilize any Deductive Alternates, Ghosh Engineers can work with the apparent low bidder to perform "Value Engineering" of the project. Value Engineering is negotiating with the Contractor and investigating possible options for cost reductions that they may point out while still maintaining the integrity of the design.

Once construction begins, Ghosh will require the Contractor to submit a monthly progress schedule at each progress meeting. This schedule will be revised and updated by the Contractor each month, and if there is more than a 10% deviation in the scheduled progress, the Contractor will be required to submit a corrected plan of action to ensure the project is completed on time.

## CLIENTS AND REFERENCES

1. City of Dunbar Sanitary Board  
Ronald Byrnside, General Manager (304) 766-0209
2. City of Dunbar  
William Cunningham, Mayor (304) 766-0222
3. West Fork Onsite Community Cooperative  
Paul Hamrick, President (304) 622-5664
4. City of Follansbee  
John DeStefano, City Manager (304) 527-1330
5. City of Follansbee  
Rudy Cipriani, Former Mayor (304) 797-2359
6. Hancock County Commission  
Jeff Davis, Commissioner (304) 564-3311
7. Tomlinson Public Service District  
Jack McIntosh, General Manager (304) 387-2658
8. Culloden PSD  
Bonnie Osburn, Office Manager (304) 743-6349
9. West Virginia American Water  
Thomas Boggs, Construction Manager (304)340-2975

## **PROJECT TEAM**

Paul Ghosh, P.E. - President

Kennon Chambers, P.E. – Vice President

Haylie Blankenship, E.I. – Project Engineer

Ronald Fisher –Construction Manager / Designer

James Charley - AutoCADD /Designer

John Patton - AutoCADD /Designer

Robert Flack- Inspector

## KEY PERSONNEL TECHNICAL EXPERTISE

**Mr. Paul Ghosh, P.E.** started Ghosh Engineers, Inc. 37 years ago and has been instrumental in the design, funding and construction of numerous water and wastewater projects throughout the state of West Virginia. Mr. Ghosh has also been involved in establishing several Public Service Districts, and the merger of more than one PSD as well. During the early days of Ghosh Engineers, Mr. Ghosh taught as an associate professor of Civil Engineering at West Virginia Institute of Technology in Montgomery, WV. Mr. Ghosh is a Registered Professional Engineer in the state of West Virginia, and currently resides in Charleston.

**Mr. Kennon Chambers, P.E.** has 21 years of experience in construction, design, and construction administration of water and wastewater systems. Mr. Chambers has managed design and construction of projects ranging in size from \$50,000 up to \$30 Million, with numerous projects running concurrently. Graduating from West Virginia Institute of Technology in 1998, Mr. Chambers began work for a utility construction company where the experience he gained there would become invaluable as a design engineer. Mr. Chambers is a Registered Professional Engineer in the states of West Virginia, Virginia, and Kentucky and currently resides in Winfield.

**Mrs. Haylie Blankenship, E.I.** graduated from West Virginia University Institute of Technology in 2016 and began her career as a Staff Engineer for the largest private water utility in the state of West Virginia. While there she was responsible for many of the day to day operations of the engineering group of the utility, which included assisting the project engineers on the larger Public Private Partnership projects. Mrs. Blankenship currently resides in St. Albans and will be eligible to take the Professional Engineer test in October of 2019.

**Mr. Ron Fisher** has been in construction and design for the majority of his career, either by working for a contractor or working for different engineering firms providing both construction inspection and administration. Mr. Fisher has been with Ghosh Engineers since 1999 and his construction experience is an invaluable asset to both the client and our company. Mr. Fisher currently resides in Sissonville.

KEY PERSONNEL CERTIFICATES





## PROFESSIONAL QUALIFICATIONS

Name: Paul Ghosh, P.E.

Educational  
Qualifications:

B.S. in Civil Engineering  
Calcutta University  
Calcutta, India

M.S. in Civil Engineering  
West Virginia College of Graduate Studies  
Charleston, West Virginia

Registration: Registered Professional Engineer  
West Virginia

Society Registration: American Society of Civil Engineers, ASCE  
Water Pollution Control Federation, WPCF

Experience: 1972 - 1974

Geotechnical Engineer for Site Engineers, Inc., Montclair, New Jersey

1974 - 1983

Regional Development Authority, Kanawha County Commission

Conceptual development and design of water and sewer systems, feasibility analysis, preparation of budget and rate structure and coordination with consulting engineers, PSD, municipalities, EPA and State Regulatory Agencies (including PSC, DNR, Dept. of Health and Highways). Assist local governments in matters concerning water and sewer problems including preparation of applications for funding (HUD, ARC, and FmHA etc.).

Highlights:

- 1) Design of water extension systems for Pratt, Sissonville PSD, Guthrie PSD, Washington PSD and Cabin Creek of Chelyan PSD.
- 2) Involvement in 14 water and 9 sewer projects.
- 3) Conducting PSD Seminars.

1982 - Present

Founded Ghosh Engineers, Inc. and made the corporation grow to its present size. During the past thirty-six years, designed numerous water and sewer projects.

1983 - 1987

Assistant Professor of Civil Engineering at West Virginia Institute of Technology.

## PROFESSIONAL QUALIFICATIONS

**Name:** Kennon T. Chambers, P.E.

**Educational Qualifications:** B.S. Civil Engineering  
WV Institute of Technology  
Montgomery, West Virginia

**Registration:** Registered Professional Engineer  
West Virginia, Kentucky and Virginia

NCEES Record Established

Model Law Engineer as determined by NCEES

**Experience:** 2015 - Present:

Vice President  
Ghosh Engineers, Inc.

2014 - 2015:

Project Manager  
Hatch Mott MacDonald – Charleston, West Virginia

Responsible for various water system projects for the largest private water utility in WV, projects including chemical feed, booster stations, water storage tanks, and transmissions/distribution systems.

2007 – 2014

Civil/Environmental Manager, Project Manager  
Chapman Technical Group – St. Albans, West Virginia

Responsible for all aspects of water and wastewater system projects from obtaining funding, design, construction administration to project closeout, projects including treatment, pumping stations, water storage tanks, and collection or distribution systems, including management of staff on project.

March 2007 – October 2007

Facilities Engineer  
National Radio Astronomy Observatory – Green Bank, West Virginia

Responsible for managing staff in order to maintain all buildings and grounds of 2,700-acre site for scientific research and associated construction projects.

2002 – 2007

Project Engineer  
Chapman Technical Group – St. Albans, West Virginia

Design of water and wastewater system projects.

1998 – 2002

Project Engineer  
Taylor & Striegel, Inc. – South Charleston, West Virginia

Estimating and project management of many underground utility construction projects throughout West Virginia.

Professional  
Highlights:

Water Treatment and Distribution  
Wastewater Treatment and Collection  
Erosion and Sediment Control  
Lift Station Design  
Hydraulic Modeling using WaterCAD  
AWWA Chapter member in WV and Kentucky/Tennessee  
AMR/AMI Systems  
WEA/WEF Member  
Chapman Technical Group Employee of the Year for 2004

## PROFESSIONAL QUALIFICATIONS

Name: Haylie Blankenship, E.I.

Educational  
Qualifications: B.S. in Civil Engineering  
WV Institute of Technology  
Montgomery, West Virginia

Experience: 2018-Present

Project Engineer

Ghosh Engineers, Inc., Charleston, WV

2016-2018

Staff Engineer

West Virginia American Water, Charleston, WV

Created work orders, estimated cost, processed agreements, and ordered materials for main extensions, main relocations, and fire services; Reviewed and provided comments on detailed utility plans submitted by developers for projects; Obtained appropriate rights-of-way and permits for construction of water line; Laid out proposed locations for main extensions, main relocations, and fire services, along with checking pressures and sizing pipe for projects; Managed water tank inspections and rehabilitations; Assisted project engineers on Public Private Partnership (PPP) Projects

## PROFESSIONAL QUALIFICATIONS

**Name:** Ronald L. Fisher

**Education:** Sissonville High School  
Sissonville, WV  
Industrial Arts Curriculum

**Experience:** 6/99 to present

Ghosh Engineers, Inc.

Field/Construction Manager

Construction Inspector for Water Distribution, Wastewater Collection, & Wastewater Treatment Facilities

Southern Jackson Co. PSD – Kenna Sewer Extension  
City of Follansbee Wastewater Treatment Plant  
City of Dunbar Wastewater Treatment Plant  
Town of Pratt Wastewater Treatment Plant  
Upper Kanawha Valley PSD Wastewater Collection System  
City of Smithers Wastewater System Improvements  
Kanawha Falls Wastewater System Improvements  
Bradley PSD Wastewater System Improvements  
City of Kenova Water System Improvements  
City of Kenova Wastewater System Improvements  
Elk Valley PSD Wastewater System Improvements  
Town of Marmet  
City of White Sulphur Springs  
City of Richwood  
Town of Barrackville  
Town of Beverly

3/99 to 6/99

Lawson Engineering & Technical Services Beckley, WV  
Construction Inspector

North Beckley PSD Wastewater Treatment Plant

7/95 to 2/99

Dunn Engineers, Inc. Charleston, WV

Construction Inspector for Water Distribution, Wastewater Collection,  
and Wastewater Treatment Facilities

Chestnut Ridge PSD Waterline Extension

Barbour County Wastewater Treatment Plant Improvements

Sewer Collection Improvements, and 21 St Slide Correction, Nitro, WV.

Guthrie PSD Waterline Extensions, Kanawha Co.

Midway Sewer Collection System, Raleigh Co.

7/92 to 1/95

Jimmy Dunn Excavating.Sissonville, WV

Heavy Equipment Operator

Laborer in General Construction Field

Site Preparation

Water and Wastewater Systems

## PROFESSIONAL QUALIFICATIONS

Name: James W. Charley

Educational  
Qualifications: B.S. in Industrial Technology  
WV State University  
Institute, West Virginia

Experience: 1976 - 1984

Civil/Architectural Drafting Technician

Milam Engineering Company, Consulting Engineers, Dunbar, West Virginia; Advanced Industrial Design Engineers (Client: Borq/Warner Chemicals) Parkersburg, West Virginia; Milam/BCM Engineering, Inc., Dunbar, West Virginia

Production of working drawings (Civil and Architectural), construction details and designs. Design experience includes floor plans, electrical, plumbing and site layouts, as well as estimating.

1984 - 1985

Manager of Construction Services

Hissom and Associates, Spring Hill, West Virginia

Field experience includes construction inspection and surveying.

1985 - 1988

Civil/Architectural Draftsman CADD

A. E. Associates Ltd., Charleston, West Virginia

Production of working drawings (Civil and Architectural), construction details and design.

1988 - 1990

Designer/Drafter

Consolidated Construction Services, Inc., Nitro, West Virginia

Production of working drawings, construction details and designs. Used DesignBid CADD System.



1990 - 1991

Applications Engineer

Integrated Computer Solutions, Inc., State College, Pennsylvania

Instruction and demonstration of various CADD software programs and related hardware.

1992 - Present

Engineering Technician/Designer

Ghosh Engineers, Inc., Charleston, West Virginia

Production of Civil and Architectural working drawings for construction of water and wastewater treatment systems.

CADD software includes AutoCAD Civil 3D and Sketchup Pro. Microsoft software products include Excel, Word, and PowerPoint. Other software packages include Photoshop, Adobe Acrobat Pro, Google Earth, GIMP, and Inkscape.

Field experience includes construction inspection and surveying.

## PROFESSIONAL QUALIFICATIONS

Name: John J. Patton

Educational  
Qualifications: Manual and Computer Drafting  
Benjamin Franklin Career And Technical Center  
Dunbar, West Virginia

Experience: 1996-2001

Civil/Architectural Draftsman

CDI Telecommunications / MTI

Manual and computer drafting of records and design plans for Bell Atlantic. Outside plant engineering & purchasing of right of way agreements.

2001-2003

Civil/Architectural Draftsman

QK4 Engineering Group

Preparation of plans for the Department Of Highways including roadway profiles, cross-sections, right of way plans, signing plans, etc.

2004-2010

Civil/Architectural Draftsman

Foster Supply

Drafting and detailing of structural reinforcement plans. Estimation of concrete and structural reinforcement.

2010-2013

Civil/Architectural Draftsman - Mapcom Technician

Lumos

Production of drawings and maintenance of telecommunication records.

2017-2017

Civil/Architectural Draftsman

Foster Supply

Design and production of plans for modular retaining wall systems.  
Estimation of construction materials.

2018 - Present

Draftsman

Ghosh Engineers, Inc.

Production of water / waste water plans

CADD software includes AutoCAD Civil 3D, Microstation V8I, and Mapcom

## PROFESSIONAL QUALIFICATIONS

Name: Robert Flack

Educational  
Qualifications: Alderson High School  
Alderson, West Virginia

Charleston Career College  
Charleston, WV

United States Air Force  
Anchorage, Alaska  
1968-1972

Experience: 2010-Present:

Part-time Inspector  
Ghosh Engineers, Inc.- Charleston, WV

1990-2010:

Construction Superintendent  
Hayslett Construction– Teays Valley, West Virginia

Constructed wastewater and water plants, pump stations, commercial buildings, and schools

1984-1990:

Construction Inspector  
Dunn Engineers– Charleston, West Virginia

1978-1984:

Construction Inspector- Water and Sewer Lines  
Milam BCM Architect and Engineers– Charleston, West Virginia

1974-1978:

Mechanical Drafter  
Gandee Thomas & Sprouse Architects & Engineers – Charleston, West Virginia

1972-1974:

Architectural Drafting  
Donald Moses Architects, Inc. – Charleston, West Virginia



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: 544955

Doc Description: A/E Services for Cass Scenic Railroad SP Wastewater Repairs

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-02-01	2019-02-22 13:30:00	CEOI 0310 DNR1900000002	1

**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:

**FOR INFORMATION CONTACT THE BUYER**

Guy Nisbet  
 (304) 558-2596  
 guy.l.nisbet@wv.gov

Signature X  FEIN # 55-0624397 DATE 2/21/19

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

**ADDITIONAL INFORMATION:****Expression of Interest Request**

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The Division of Natural Resources from qualified firms to provide necessary engineering, and other related professional services to design and specify for construction as well as provide construction contract administration, for replacement or renovations to the wastewater collection system and improvements to the treatment system at Cass Scenic Railroad State Park. The planned improvements may also include any other work necessary for, or related to, the aforementioned facilities, as well as any other necessary ancillary work; all located in Cass Scenic Railroad State Park in Pocahontas County, West Virginia. per the bid requirements, specifications and terms and conditions as attached hereto.

\* Online submissions of Expressions of Interest are Prohibited

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US	SUPERINTENDENT DIVISION OF NATURAL RESOURCES CASS SCENIC RAILROAD STATE PARK 242 MAIN ST CASS WV 24927-0107 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering		

Comm Code	Manufacturer	Specification	Model #
81101500			

**Extended Description :**

Architectural/engineering services and contract administration for wastewater collection replacement or renovation at Cass Scenic Railroad State Park.

<b>DNR1900000002</b>	<b>Document Phase</b> Final	<b>Document Description</b> A/E Services for Cass Scenic Railroad SP Wastewater Repairs	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



**State of West Virginia  
Expression of Interest  
Architect/Engr**

**Procurement Folder :** 497067

**Document Description :** Addendum No. 01 A/E Services for Cass Wastewater Repairs

**Procurement Type :** Agency Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No		Version	Phase
2018-10-01	2018-10-29 13:30:00	AE0I 0310	DNR1900000002	2	Final

SUBMIT RESPONSES TO:	VENDOR
BID RESPONSE DIVISION OF NATURAL RESOURCES PROPERTY & PROCUREMENT OFFICE 324 4TH AVE SOUTH CHARLESTON WV 25303-1228 US	Vendor Name, Address and Telephone

**FOR INFORMATION CONTACT THE BUYER**  
 Angela W Negley  
 (304) 558-3397  
 angela.w.negley@wv.gov

Signature X *Angela W Negley* FEIN # *55-0629397* DATE *2/21/19*



**ADDITIONAL INFORMATION:**

Addendum No. 01 is to provide additional information to the Vendor community.

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US		SUPERINTENDENT DIVISION OF NATURAL RESOURCES CASS SCENIC RAILROAD STATE PARK 242 MAIN ST CASS WV 24927-0107 US	

Line	Commodity Line Description	Qty	Unit Issue
1	Civil engineering		

Commodity Code	Manufacturer	Model #	Specification
81101500			

**Extended Description**

Architectural/engineering services and contract administration for wastewater collection for repairs/renovations at Cass Scenic Railroad State Park.

**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	Technical Question Deadline at 9:00 a.m., EST	2018-10-10

<b>DNR1900000002</b>	<b>Document Phase</b> Final	<b>Document Description</b> Addendum No. 01 A/E Services for Cass Wastewater Repairs	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions





**State of West Virginia  
Expression of Interest  
Architect/Engr**

**Procurement Folder :** 497067

**Document Description :** Addendum No. 02 A/E Services for Cass Wastewater Repairs


**Procurement Type :** Agency Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2018-10-16	2018-10-29 13:30:00	AEOI 0310 DNR1900000002	3	Final

SUBMIT RESPONSES TO:	VENDOR
BID RESPONSE DIVISION OF NATURAL RESOURCES PROPERTY & PROCUREMENT OFFICE 324 4TH AVE SOUTH CHARLESTON WV 25303-1228 US	Vendor Name, Address and Telephone

**FOR INFORMATION CONTACT THE BUYER**

Angela W Negley  
(304) 558-3397  
angela.w.negley@wv.gov

Signature X  FEIN # 55-0624397 DATE 2/21/19

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

**ADDITIONAL INFORMATION:**

Addendum No. 02 is to provide additional information to the Vendor community.

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US		SUPERINTENDENT DIVISION OF NATURAL RESOURCES CASS SCENIC RAILROAD STATE PARK 242 MAIN ST CASS WV 24927-0107 US	

Line	Commodity Line Description	Qty	Unit Issue
1	Civil engineering		

Commodity Code	Manufacturer	Model #	Specification
81101500			

**Extended Description**

Architectural/engineering services and contract administration for wastewater collection for repairs/renovations at Cass Scenic Railroad State Park.

**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	Technical Question Deadline at 9:00 a.m., EST	2018-10-10

<b>DNR1900000002</b>	<b>Document Phase</b> Final	<b>Document Description</b> Addendum No. 02 A/E Services for Cass Wastewater Repairs	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: AEOI DNR19\*02**

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

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

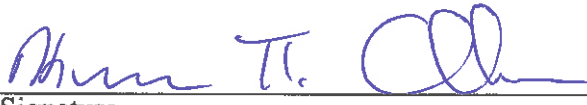
**Addendum Numbers Received:**

*(Check the box next to each addendum received)*

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

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

Company G. HOSH ENGINEERS, INC.

Authorized Signature 

Date 2/21/19

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

**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.

Mun T. Chm, V.P.  
 (Name, Title)  
KENNON T. CHAMBERS, VICE PRESIDENT  
 (Printed Name and Title)  
4710 CHIMNEY DRIVE, SUITE 'A'  
 (Address)  
(304) 343-5300 / (304) 343-5912  
 (Phone Number) / (Fax Number)  
KENNON@GHOSHENGINEERS.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.

GHOSH ENGINEERS, INC.  
 (Company)  
Mun T. Chm, V.P.  
 (Authorized Signature) (Representative Name, Title)  
KENNON T. CHAMBERS, VICE PRESIDENT  
 (Printed Name and Title of Authorized Representative)  
2/21/19  
 (Date)  
(304) 343-5300 / (304) 343-5912  
 (Phone Number) (Fax Number)



STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

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

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

**DEFINITIONS:**

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

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

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §81-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: C. HOSH ENGINEERS, INC.

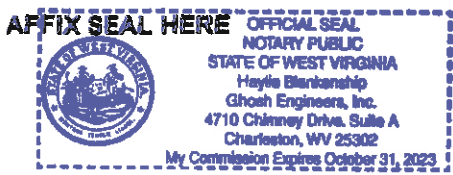
Authorized Signature: [Signature] Date: 2/21/19

State of West Virginia

County of Kanawha to-wit:

Taken, subscribed, and sworn to before me this 21 day of February, 2019.

My Commission expires October 31, 2023.



NOTARY PUBLIC [Signature]