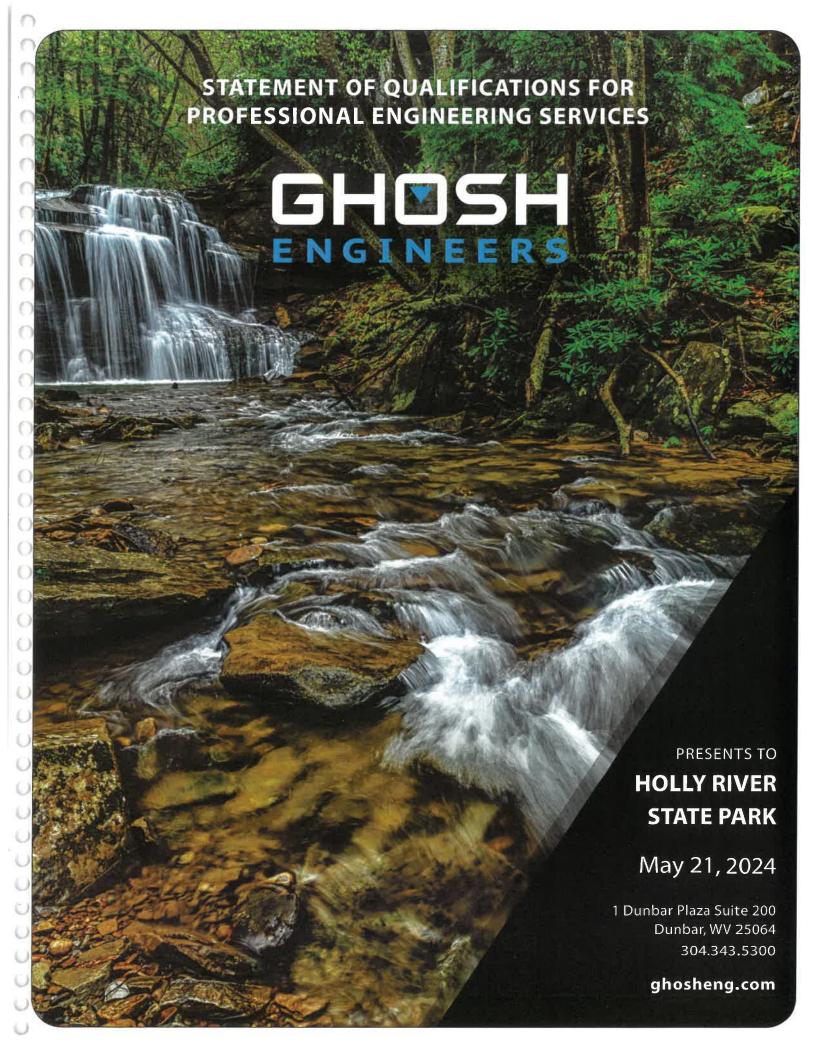
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W PURCHASING DIVISION





May, 21 2024

0: 304.343.5300 | **f:** 304.343.5912 | **ghosheng.com**

1 Dunbar Plaza Suite 200 Dunbar, WV 25064

Department of Administration, Purchasing Division

Attn: Mr. Josh Hager 2019 Washington Street East Charleston, WV 25305-0130

RE: Expression of Interest for Engineering Services

Holly River State Park A/E Main Water Service

Solicitation No.: CEOI 0310 DNR2400000008

Dear Mr. Hager,

Ghosh Engineers is pleased to present for consideration our qualifications to provide professional engineering services for improvements to the existing potable water system at Holly River State Park. We understand the significance of securing clean, dependable drinking water for the well-being and satisfaction of park visitors. The Ghosh team would be honored if selected to partner with the West Virginia Division of Natural Resources (DNR) to see this project to completion.

Our team has extensive experience in designing and implementing water infrastructure projects, which starts with identifying areas in need of repair or replacement. This may include aging pipes, valves, pumps, and storage tanks. Cost effectively upgrading these components can improve system reliability and reduce the risk of water loss or contamination.

Having recently worked extensively on DNR projects at Cass Scenic Railroad, Blackwater Falls, and Lost River, we are confident that we have demonstrated integrity, professionalism, and responsiveness. As a West Virginia based firm, having the opportunity to contribute to these parks' long-term sustainability is important to us.

We invite you to review the qualifications and resumes attached and encourage you to contact our references. We are hopeful to be selected for an interview where we can present our experience in greater detail.

If you have any questions or need additional information, please feel free to contact me at your earliest convenience. Thank you for your time and consideration of our team.

Sincerely,

GHOSH ENGINEERS, INC.

KENNON CHANTEELS

Kennon Chambers, PE

President

Kennon@ghosheng.com

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INTRODUCTION & SERVICES





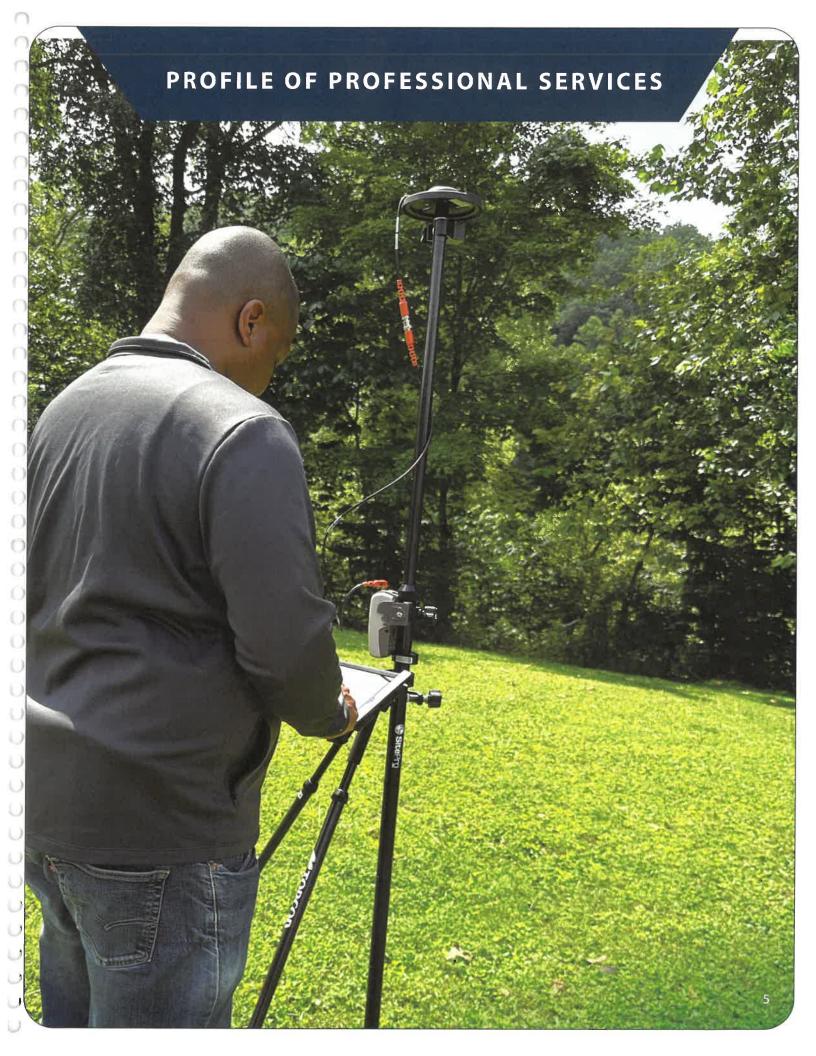
Ghosh Engineers is a consulting engineering firm specializing in water and wastewater systems and improvements. We provide services in all phases of projects including master planning and feasibility studies, final design with associated special services, funding assistance, construction administration and project representation on construction sites.

While other firms have focused on expanding their markets and geographical locations, we have purposefully chosen to remain small and specialized in order to provide the most attentive and responsive service to our clients that is unmatched in the industry.

SMALL & SPECIALIZED HAS ITS ADVANTAGES

- Focusing on the water and wastewater industry has allowed us to develop multi-faceted design capabilities. We dive far more deeply into the issues to tailor best-fit solutions.
- We keep our workload manageable in order to be more responsive and communicative.
- We are collaborating under one roof, sharing our experience and knowledge, so we can offer the most thoughtful solutions to our clients.
- Very low overhead costs.
- There's no question who you will collaborate with. Your Project Manager will remain the same and be your go-to source from start to finish.
- We maintain the Standard Industry Professional Liability Insurance.
- We've enjoyed lasting partnerships with our clients who trust us and have hired us time and again.







WASTEWATER SYSTEM IMPROVEMENTS

Clean water, along with correct treatment and management of wastewater, is essential to any community. Our engineers have a history of utilizing innovative treatment technologies including onsite decentralized treatment, vertical loop reactors (VLR), membrane bioreactors (MBR) and sequencing batch reactors (SBR) with tertiary filtration. The Ghosh team is highly skilled and passionate to help your community resolve its wastewater needs and comply with effluent quality standards.

WASTEWATER SYSTEM DESIGN

Wastewater Treatment Plants
Collection System Rehab and Extensions
Pump Stations
Force Mains
Telemetry & SCADA Systems
Start-up and Operation Assistance

WASTEWATER ENGINEERING SERVICES

Planning & Feasibility Studies
Infiltration & Inflow Evaluations
Smoke Testing/Flow Monitoring
Collection & Treatment Design
Geographical Information Systems (GIS)
Funding Application Assistance
Permitting
Construction Administration
Project Closeout Documents



STORMWATER MANAGEMENT

Successful implementation and management of a stormwater program demands a clear understanding of the NPDES permit requirements and solid teamwork between staff and consultants/contractors. Ghosh Engineers stands ready to support any municipality or industrial facility with their stormwater compliance needs with the development and implementation of their stormwater/NPDES programs to achieve full compliance with federal, state, and local stormwater regulations.

STORMWATER MANAGEMENT SERVICES

Flood Management Stormwater Design
Combined Sewer Overflow (CSO) Separation
MS4 Compliance
Innovative Facility Design
Conventional Stormwater Design
Runoff Infiltration, Filtration, & Storage
Sustainable Stormwater Facilities



SITE DEVELOPMENT

The development of undisturbed land into residential, commercial, or industrial sites involves improvements such as site layout, erosion and sediment controls, grading, utility design, landscape design, and stormwater management. Evaluation of existing field conditions, development of efficient layout plans, communication with the Client on revisions, and effective management of regulations are some of the obstacles Ghosh Engineers works diligently to overcome to create a successful project for our Clients.



PERMITTING

Timing is everything with permitting. At Ghosh, our engineers produce highly detailed, quality designs that are easily permitted with little to no comments which avoids delays and keeps the project on schedule.

Our Project Managers know the Federal and State regulations pertaining to water and wastewater projects. We have an excellent working relationship with governmental agencies such as the Department of Health, Public Service Commission, Department of Environmental Protection and have vast experience at securing the following types of permits for our clients.

- National Pollutant Discharge Elimination System (NPDES)
- ▼ Railroad Permits from CSX, Norfolk Southern, WATCO Kanawha River Railroad, etc.
- **▼** West Virginia Public Service Commission (WVPSC)
- West Virginia Division of Highways (WVDOH)
- West Virginia Bureau for Public Health (WVPH)
- Army Corp of Engineers (ACOE)
- State Historic Preservation Offices (SHPO)
- **▼** Natural Resources Conservation Service (NRCS)
- **▼ U.S. Fish and Wildlife Service (USF&WS)**

CONSTRUCTION INSPECTION SERVICES

Each Ghosh Project Representative has an outstanding 35-year career in construction management oversight and specialize in overseeing the construction of water and wastewater line work and treatment plants. They have a very close relationship with our designers and are committed to honoring the integrity of the design and meticulously adhere to plans and specifications at construction sites.









KENNON CHAMBERS, PEPRESIDENT

Kennon Chambers, PE, is President of Ghosh Engineers, Inc. and has 23 years of experience in design, construction, and construction administration of water and wastewater systems.

Responsible for the overall management of company operations, his years of engineering design and management experience include

engineering studies, preliminary engineering reports, construction drawings, contracts, specifications, permitting, cost estimating, and contract administration. He is equally proficient in the design of wastewater treatment plants and collection systems, including lift stations, as well as water treatment and distribution systems including booster stations and storage tanks.

Mr. Chambers began his career at a utility construction company where he gained unique experience that would become invaluable to him in the future as a design engineer. He has since managed the design and construction of projects ranging in size from \$50,000 up to \$30 million, with numerous projects running concurrently.

PROJECT EXPERIENCE

CITY OF WHITE SULPHUR SPRINGS: Addition of tertiary treatment for phosphorous reduction at existing wastewater treatment plant.

WEST DUNBAR PUBLIC SERVICE DISTRICT: Wastewater collection and pumping system rehabilitation project.

HUTTONSVILLE PUBLIC SERVICE DISTRICT: Combined Sewer Overflow (CSO) compliance project, I/I monitoring of collection system, and lagoon treatment system ammonia reduction project.

BECKLEY SANITARY BOARD: Replacement of 6.5 miles of the City's main interceptor.

BOONE COUNTY PUBLIC SERVICE DISTRICT: Design and construction administration of new wastewater collection and pumping system.

NATIONAL RADIO ASTRONOMY OBSERVATORY: Engineer for the facility's lagoon wastewater treatment plant and groundwater treatment plant.

CULLODEN PUBLIC SERVICE DISTRICT: Interceptor replacement project in conjunction with City of Milton and Salt Rock PSD regional projects.

EDUCATION

Bachelor of Science, Civil Engineering West Virginia Institute of Technology

REGISTRATION

Professional Engineer

- West Virginia
- Kentucky
- Virginia

NCEES Record Established

Model Law Engineer as determined by NCEES

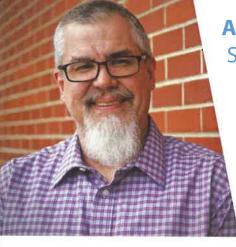
AFFILIATIONS

American Water Works Association (AWWA)

Water Environment Association (WEA)

Water Environment Federation (WEF)





ALLEN KINGSENIOR CAD DESIGNER

Allen King has 18 years of CAD design experience and joined Ghosh Engineers in September 2019 after working several years for a large national firms in WV and VA. He serves as primary CAD Technician on water, wastewater and stormwater system improvements.

PROJECT EXPERIENCE

TOMLINSON PUBLIC SERVICE DISTRICT: Water distribution system improvements.

CITY OF FOLLANSBEE: Wastewater collection system improvements and water distribution system improvements.

BECKLEY WATER COMPANY: Water distribution system improvements.

WEST VIRGINIA AMERICAN WATER: Various water distribution system improvements.

WEST VIRGINIA DIVISION OF NATURAL RESOURCES: Cass Scenic Railroad wastewater collection system improvements.

RED HOUSE, WV: Stormwater system improvements.

EDUCATION

Associate of Science, Architectural Computer Aided Drafting and Design Technology

Triangle Tech Pittsburgh, PA



JIM CHARLEY SENIOR CAD DESIGNER

Jim Charley has worked on countless projects in his 28 year career with Ghosh Engineers and is highly skilled in the production of Civil and Architectural drawings for the construction of water and wastewater treatment systems.

PROJECT EXPERIENCE

CITY OF WHITE SULPHUR SPRINGS: Water System Improvements.

CITY OF FOLLANSBEE: Water and Wastewater System Improvements.

HANCOCK COUNTY PSD: Lines, Booster Stations and Tanks.

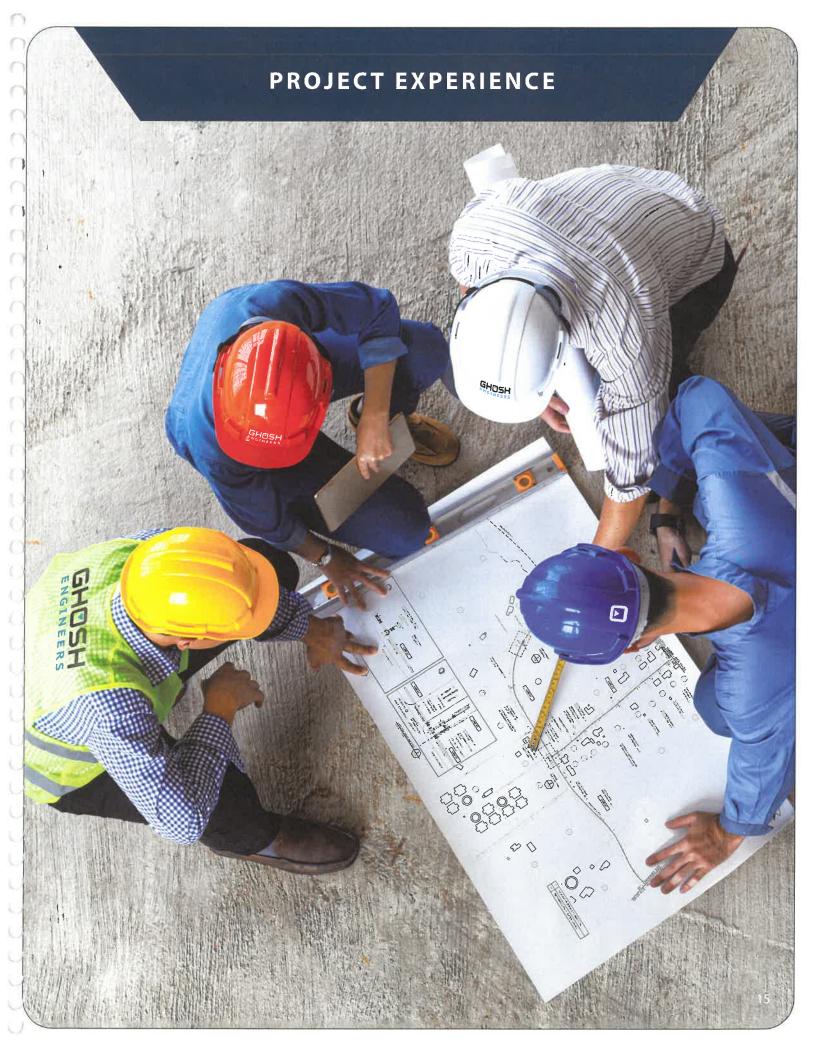
CORPORATION OF SHEPHERDSTOWN: Water System Improvements.

WEST VIRGINIA AMERICAN WATER: Cross Lanes Drive waterline replacement.

EDUCATION

Bachelor of Science, Industrial Technology

West Virginia State University Institute, WV



CLIENT: HANCOCK COUNTY COMMISSION

PROJECT: Comprehensive Study Of Tomlinson Public Service District

DESCRIPTION:

In June of 2016, Ghosh Engineers, Inc. was retained by the Hancock County Commission to perform a Comprehensive Study of the Grant and Tomlinson Public Service Districts (PSDs), which were in the process of merging. This Study included a hydraulic model of both the separate and combined water systems in order to determine upgrades necessary for hydraulic efficiency, fire protection, and low pressure complaints.

The two PSDs served much of Hancock County with potable water north of the City of New Cumberland. On of February 1, 2017, the merger was finalized, and is now known as Tomlinson PSD.

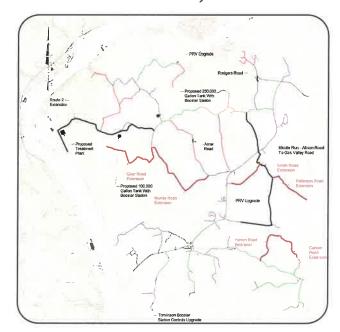
Following the finalization of the merger, a Water System Improvements project was initiated to construct a new treatment plant for Tomlinson which would provide a safe and consistent quality of water for their customers. The Consolidation Committee of the West Virginia Infrastructure and Jobs Development Council (IJDC) recommended that Tomlinson consider the project and upon the Committee's recommendations, Tomlinson proceeded with the system wide improvement project that did not include the treatment plant. However, in April 2021, Ghosh Engineers was rehired by the Tomlinson PSD to perform another evaluation for the design/construction of a new treatment plant.

HIGHLIGHTS:

- Assisted in the implementation of the merger of two (2) existing Public Service Districts.
- Developed a hydraulic model of entire system, both combined and separate.
- Examined potential sources of producing or purchasing treated water.

NOTES:

REPEAT CLIENT SATISFACTION: The Hancock County Commission has utilized the services of Ghosh Engineers since the early 2000's for their county wide water and wastewater system evaluations.





CLIENT: CITY OF FOLLANSBEE

PROJECT: Water System Improvements Project

DESCRIPTION: The City of Follansbee is one of Ghosh Engineers' long-standing clients. One

most recent project was for the replacement of waterlines in the existing distribution system while maintaining uninterrupted water service to the system. The current team of engineers worked with the City's treatment and distribution system operators and performed verification of existing field conditions to determine the needs. In addition to the replacement of 26,300 LF of waterline which involved two (2) Booster Station upgrades, a site was selected for a new 212,000-gallon water storage tank along with extending the existing water system to serve the tank and seven (7) new customers. Design Phase services are complete and Ghosh Engineers will provide

bidding and construction services.

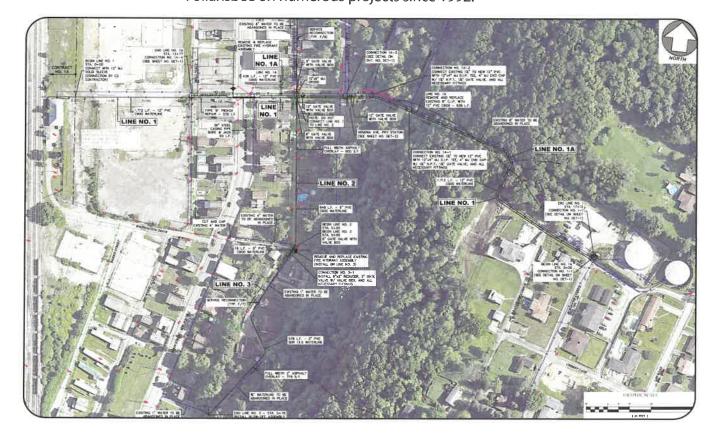
HIGHLIGHTS:

26,300 LF of waterline replacement
Seven (7) New Customers

🔻 New 212,000-Gallon Water Storage Tank 🛛 🔻 Downtown WTP Upgrade (700 to 1,000 GPM)

Two (2) Booster Station Upgrades
W Hooverson Heights WTP Improvements

NOTES: REPEAT CLIENT SATISFACTION: Ghosh Engineers has worked for the City of Follansbee on numerous projects since 1992.



CLIENT: CITY OF FOLLANSBEE

PROJECT: Water Treatment Plant Improvements

DESCRIPTION:

This water system improvements project consisted of merging two (2) distribution systems – one surface water plant (Hooverson Heights) and one groundwater plant in the downtown area of the City of Follansbee. The systems were merged by carefully creating hydraulic zones whereby the two independent systems complement each other to reduce O&M costs and increase redundancy. The treatment capacity at each water treatment plant was increased from 700 to 1000 GPM.

HIGHLIGHTS: DOWNTOWN WTP:

- Installed third green sand pressure filter.
- Refurbished two (2) existing filters and existing treatment building.
- W Replaced filter process valves, controls and equipment.
- Installed new chlorine disinfection system.

HOOVERSON HEIGHTS WTP:

- Installed third raw water pump in the intake building.
- Installed new Pre-Sedimentation Basin to meet WVBPH Standards.
- Replaced High Service Pumps.

NOTES: REPEAT CLIENT SATISFACTION: Ghosh Engineers has worked for the City

of Follansbee on numerous water and wastewater projects since 1992.







CLIENT: CORPORATION OF SHEPHERDSTOWN

PROJECT: Water System Improvements Project

DESCRIPTION:

This project consists of the installation of new waterlines in several areas of the existing distribution system while maintaining uninterrupted water service to their customers. Ghosh Engineers worked with the water system operators during the design phase to provide constructions plans to limit the disruption of water service to its customers. Approximately 16,450 LF of waterlines were replaced. These improvements will increase the hydraulic capacity of the system and provide areas with fire protection. Design Phase services are complete and Ghosh Engineers will provide bidding and construction services.

HIGHLIGHTS:

- Replace 16,450 LF of exiting waterlines
- Provide additional fire protection to a subdivision
- Improve distribution and hydraulic capacity
- Added fire protection to sections of the system

NOTES:

REPEAT CLIENT SATISFACTION: Jeff Ekstrom has provided water and wastewater engineering services for the Corporation of Shepherdstown since 2007. A portfolio of projects include the first Membrane Bio-Reactor WWTP in the State of WV. This treatment plant was the first to meet the Chesapeake Bay initiative.

0.80 MGD Membrane Bio-Reactor WWTP

Two (2) 700,000-Gallon Elevated Water Tanks

Rt 480 Waterline Extension

Church Street Waterline Replacement

Water Treatment Plant Upgrades

Dedicated Finished Waterline (WTP to WSTs)

Comprehensive Report of the Water System





CLIENT: CORPORATION OF SHEPHERDSTOWN

PROJECT: Water Treatment Plant Upgrade

DESCRIPTION:

In 2020, Ghosh Engineers updated the Water Source Protection Plan for Shepherdstown. As part of this plan, an alternate raw water source (Town Run) was identified to be utilized as a secondary source for the water treatment plant. The challenge of this design was to maximize limited space in the existing treatment facility to incorporate the new treatment components along with making needed improvements while maintaining uninterrupted water service. Ghosh Engineers' provided design services to upgrade the existing 800 GPM water treatment plant consisting of a new 800 GPM raw water pump station on Town Run; replace the existing raw water pumps and controls; remove and replace filter media, valves and controls; new sludge removal equipment in the existing Pre-Sedimentation basin; UV disinfection; and upgrade the SCADA system. The design phase services are complete. Ghosh worked with the Owner to secure funding for this project and will provide bidding and construction services.

HIGHLIGHTS:

- Raw water pump replacement and VFD installation
- Alternate raw water source intake and pump station (800 GPM)
- New filter controls

- UV disinfection
- New Pre-Sed basin sludge removal equipment
- Emergency generator
- ▼ SCADA system

NOTES:

REPEAT CLIENT SATISFACTION: Ghosh Engineers' project manager, Jeff Ekstrom, PE, has provided engineering services for the Corporation of Shepherdstown since 2007.







CLIENT: TOMLINSON PUBLIC SERVICE DISTRICT

PROJECT: Water System Improvements Project

DESCRIPTION: Ghosh Engineers was first hired by the Tomlinson Public Service district in

2004. The project consisted of the installation of approximately 10 miles of new waterlines to improve hydraulic capacity and distribution. It also included extending water to unserved areas within the district boundary and provided service to 190 new customers. Ghosh worked with the water system operators and PSD board members to provide a design to minimize the disruption of water service to customers. Along with these improvements two (2) new water storage tanks and a new booster station were constructed

to provide additional water storage and fire protection.

HIGHLIGHTS: v 10 miles of new 2", 4", 6', and 8" waterlines

New Booster Station

▼ 300,000-Gallon Water Storage Tank

190 New Customers

🔻 80,000-Gallon Water Storage Tank

NOTES: REPEAT CLIENT SATISFACTION: Ghosh Engineers was rehired in 2018 to

provide design and construction services to perform another water

distribution system improvements project.





CLIENT: TOMLINSON PUBLIC SERVICE DISTRICT

PROJECT: Water System Improvements Project

DESCRIPTION: Ghosh Engineers was again hired by Tomlinson PSD for their next project

which consisted of hydraulically combining two (2) water distribution systems (Tomlinson and Grant PSDs) while utilizing two (2) water sources to feed the respective systems. The current team of engineers evaluated the existing hydraulic conditions of each water system and developed a plan that would allow both systems to be connected to provide water to the other system in the event of loss of water source. Design Phase services are complete and Ghosh Engineers will provide bidding and construction services for construction of 7.22 miles of new waterlines, one (1) water storage tank and

one (1) new booster station.

HIGHLIGHTS: 7.22 Miles of New 2", 4", 6" And 8" Waterlines

250,000-Gallon Water Storage Tank

New Booster Station

Two (2) Booster Station Upgrades

22 New Customers

NOTES: REPEAT CLIENT SATISFACTION: Ghosh Engineers has worked with the PSD since 2004. This project is Phase I. Phase II is the New Water Treatment Plant, which Ghosh will provide the design and construction services.

AND MANUAL MANUAL STATUTOS

BECKLEY WATER COMPANY CLIENT:

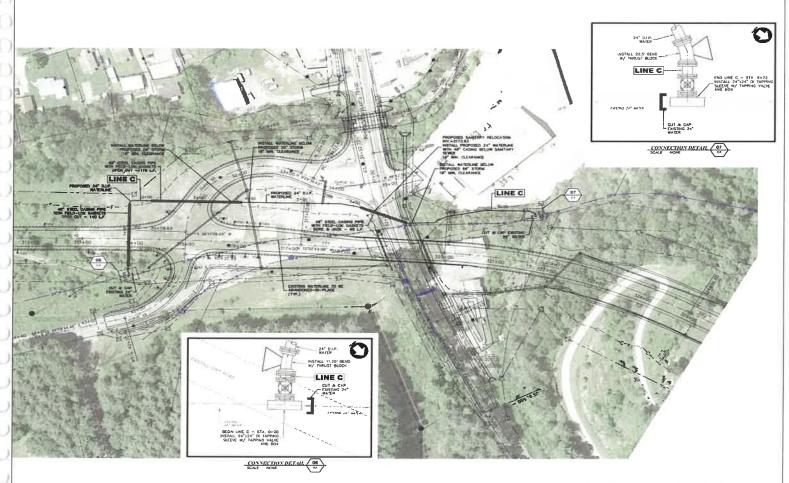
Eisenhower Drive to Beaver Waterline Relocation PROJECT:

DESCRIPTION:

Beckley Water Company needed to relocate an existing 24" CIP waterline with operating pressures of 250 to 300 PSI in order for WVDOH to construct a new US Rt. 19 bypass from Eisenhower Drive to Beaver. This work needed to be performed without interrupting water service to nearly 15,000 customers. The Ghosh team of engineers worked with Beckley Water Company's engineers and distribution system operators as well as with WVDOH and their consultant to determine the best location for the new waterline that would not conflict with the new roadway and bridge construction. Design is complete and has been approved by WVDOH for construction, which is anticipated to begin Summer 2021.

HIGHLIGHTS: Relocate 3,650 LF of existing 6", 12" and 24" waterlines

REPEAT CLIENT SATISFACTION: Jeff Ekstrom has provided engineering **NOTES:** services for Beckley Water Company on numerous water projects since 1992.



CLIENT: CITY OF WHITE SULPHUR SPRINGS

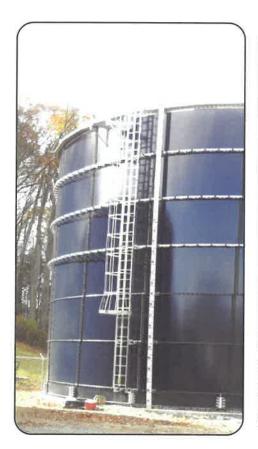
PROJECT: Water System Improvements Project

DESCRIPTION:

The City of White Sulphur Springs' existing treatment plant operated more than 19 hours per day, and the distribution system was losing more than 60% of the water the plant produced when they hired Ghosh Engineers to provide solutions to address these issues. The existing treatment plant was upgraded to increase capacity and efficiency; the existing wells cleaned, and pumps upgraded, SCADA system upgraded, new storage tank constructed, and lines, valves, and hydrants replaced. These improvements resulted in lower operational costs and increased efficiency of the treatment distribution system and significantly reduced non-revenue water loss.

HIGHLIGHTS:

- Replaced miles of existing water lines and several inoperable valves and hydrants.
- Installed one 432,000-gallon tank.
- ▼ Installation and implementation of an automatic meter reading (AMR) system.
- Upgraded existing ground water treatment plant from 700 to 1200 GPM.
- Cleaned and refurbished two (2) existing wells and constructed one (1) new well.
- Installed two (2) new 600 GPM catalytic precipitator reactors for water softening.







CLIENT: CASS SCENIC RAILROAD STATE PARK

PROJECT: Wastewater System Improvements

DESCRIPTION:

The existing wastewater treatment plant that provides service to the Town of Cass and Cass Scenic Railroad State Park was being inundated with I/I during wet weather events. The WV Department of Natural Resources (DNR) hired Ghosh to study the existing collection system and treatment plant in order to increase the efficiency of the treatment process. By performing an I/I study consisting of smoke testing and flow monitoring, Ghosh was able to identify numerous sources of I/I entering the collection system and designed a project that removed these sources. The project also included replacing an existing pump station; replacing the chlorine contact tank at the WWTP; electrical upgrades at the WWTP including the installation of an emergency generator and other miscellaneous improvements at the WWTP.

HIGHLIGHTS:

- 2,300 LF of 10 PVC and DIP gravity sewer pipe
- 900 LF of abandon-in-place existing gravity sewer pipe and manholes
- ▼ Five (5) Precast Concrete manholes
- Six (6) Remove & Replace existing manholes
- One (1) new 200 GPM Pump Station with two (2) 6.0 HP submersible pumps
- Abandon existing pump station
- New water tank and SCADA Improvements
- Emergency water plant lift station replacement, April 2020
- Upgrades at the WWTP
 - New Chlorine Contact Tank
 - Abandon existing Chlorine Contact Tank
 - Electrical Upgrades for Aerators
 - New Emergency Generator

KEY MEMBERS INVOLVED:

Kennon Chambers, Project Manager

Allen King, CAD Jim Charley, CAD Jeff Todd, Permitting Bob Flack, Construction

Surveying – Paramount Surveying Geotech – American Geotech, Inc.

Total Probable Construction Cost - \$815,000





Contact: Cass Scenic Railroad State Park
Marshall W. Markley, Superintendent | 12363 Cass Road, Cass, WV 24927 | (304) 456 - 4300
Project Construction Dates: October 2020 - September 2021



CLIENT SATISFACTION

Our highly satisfied client list includes the following, some of which have been clients for over 20 years.

City of Follansbee Corporation of Shepherdstown City of Dunbar Beckley Water Company West Virginia American Water Tomlinson PSD
Huttonsville PSD
Hancock County PSD
Bradley PSD
West Dunbar PSD

Town of Buffalo West Virginia Division of Natural Resources West Fork Onsite Community Co-op







City of Dunbar Sanitary Board

Tony Shirkey, General Manager (304) 766-0209

City of Follansbee

David Velegol, Jr., Mayor (304) 527-1330

Hancock County Commission

Jeff Davis, Commissioner (304) 564-3311

Town of Buffalo

Conrad Cain, Mayor (304) 937-2041

Huttonsville Public Service District

Gary Morgan, Chairman (304) 335-2035

West Dunbar Public Service District

Dr. John Fuller, Chairman (304) 546-5449

Culloden Public Service District

Nathan Johnson, Field Manager (304) 743-6349

Bradley Public Service District

Scott Howells, General Manager (304) 877-5202

Corporation of Shepherdstown

Frank Welch, Public Works Director (304) 876-3322

Beckley Water Company

Jonathan Stanley, Superintendent (304) 255-5121

Berkeley County Public Service District

Curtis Keller, General Manager (304) 263-8566

OVERALL SITE PLAN



DATE REVISIONS

APPROACH



PROJECT APPROACH

Ghosh Engineers proposes the following approach for each project outlined by the Division in the AEOI. 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 to meet the goals set forth by the Division and from the results of our investigation.

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 proposed site, and existing drawings, etc. At this point, Ghosh will meet with the Division to establish a Scope of Work to be performed.

Field Surveying - Ghosh will utilize a sub-consultant, to field locate all existing visible features and utilities of the proposed site 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.

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 a preliminary site layout and opinion of probable construction cost for review and approval. Environmental clearances, permits, and existing utility information for construction drawings will all be acquired before the start of the Preliminary Design.

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 submitthe final Bid Set of Construction Documents. During the Final Design stage of the project, sub-consultants may be utilized to perform any architectural design, geotechnical investigations, and electrical/mechanical design assistance as necessary.

Bidding and Contracting - Ghosh will prepare and distribute Construction Documents, as necessary. These documents will be in both electronic (PDF) format and hard bound copies. Ghosh will attend any and lead all meetings as requested by the Division during the bidding process and prepare any Addenda to the Construction Documents as deemed necessary.

Construction Administration - Ghosh will provide 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.

Project Representation During Construction - If needed, Ghosh will provide onsite project representation to oversee construction of the project. They will be liaison between the Project Manager and the Division during construction to make sure the Contractor adheres to the plans and specifications.

Project Close Out - Ghosh will prepare preliminary and final punch lists and issue to the Contractor to complete and prepare a substantial completion certificate for the project. Ghosh will provide final as-built drawings to the Division, as well as any additional information that may be available such as O&M lift station 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 with also be held with the Division and Contractor once the project goes to construction, with an agenda and minutes prepared and distributed to all parties.

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 mangers 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 an updated by the Contractor each month, and if there is more than a 10% deviation in the schedules progress, the Contractor will be required to submit a corrected plan of action to ensure the project is completed on time.



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

State of West Virginia Centralized Expression of Interest Architect/Engr

Proc Folder:	1420085		Reason for Modification:
Doc Description:	A&E - Holly River State Par	k Main Water Service	
	•		
Proc Type:	Central Purchase Order		
Date Issued	Solicitation Closes	Solicitation No	Version
2024-05-02	2024-05-21 13:30	CEOI 0310 DNR240000008	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Customer Code:

Vendor Name: Ghosh Engineers, Inc.

Address:

1 Dunbar Plaza Suite 200

Street:

City: Dunbar

State: WV

Country: US

25064 Zip:

Principal Contact: Kennon Chambers, P.E.

Vendor Contact Phone: 304.343.5300

Extension:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III (304) 558-2306

joseph.e.hageriii@wv.gov

Vendor

Signature X

FEIN#

55-0624397

DATE 5/15/24

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

Date Printed: May 2, 2024

Page: 1

FORM ID: WV-PRC-CEOI-002 2020/05

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Divisionis soliciting Expression(s) of Interest for The West Virginia Division of Natural Resources from qualified firms to provide architectural/engineering services to design repairs and improvements to the existing potable water system at Holly River State Park in Webster County. The project will include the production of all design plans and specifications. Vendor shall prepare necessary bidding documents and provide other necessary services to construct improvements as well as provide construction contract administration per the specifications and terms and conditions.

			INVOICE TO
OURCES	F NATURAL RESOU ER STATE PARK		DIVISION OF NATURAL RE
WV 26222	PARK RD	FSTON WV 25305	324 4TH AVE SOUTH CHARLESTON
20222	Note has been	25555	us
WV 26222		ESTON WV 25305	SOUTH CHARLESTON

Line	Comm Ln Desc	Qty	Unit Issue
1	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #	
81100000				

Extended Description:

Design and contract administration services of new main water service at Holly River State Park.

SCHEDULE OF EVENTS

<u>Line</u> <u>Event Date</u>

	Document Phase	Document Description	Page 3
DNR240000008		A&E - Holly River State Park Main Water Service	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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

(Printed Name and Title) Kennon 1. Chambers, P.E.	
(Address)1 Dunbar Plaza Suite 200 Dunbar, WV 25064	
(Phone Number) / (Fax Number)304-343-5300/304-343-5912	
(email address)kennon@ghosheng.com	

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Ghosh Engineers, Inc.	
(Company) T. Cll	
(Signature of Authorized Representative)	_
Kennon T. Chambers, P.E. (Printed Name and Title of Authorized Representative) (Data)	
(Printed Name and Title of Authorized Representative) (Date) 304-343-5300/304-343-5912	
(Phone Number) (Fax Number)	
kennon@ghosheng.com	
(Email Address)	

Revised 8/24/2023

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

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

necessary revisions to my proposar, plans and/or specification, etc.
Addendum Numbers Received:
(Check the box next to each addendum received)
☐ Addendum No. 1 ☐ Addendum No. 6 ☐ Addendum No. 2 ☐ Addendum No. 7 ☐ Addendum No. 3 ☐ Addendum No. 8 ☐ Addendum No. 4 ☐ Addendum No. 9 ☐ Addendum No. 5 ☐ Addendum No. 10
I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid I further understand that any verbal representation made or assumed to be made during any ora 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.
Ghosh Engineers, Inc.
Company
Mun T. Oh
Authorized Signature
5/15/24 Date
NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.