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Land Surveying, P.C.

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COMPANY NEWSLETTER

FIRST QUARTER: MARCH 2017

PRESIDENT'S MESSAGE

Greetings,

KC has focused on company growth this quarter, expanding our staff in both numbers and experience. Several employees have completed new trainings to aid them on current projects, while other employees are working toward acquiring additional certifications.

KC has attended several career fairs in order to recruit new talents, and has visited the following campuses: Syracuse University, Rensselaer Polytechnic Institute (RPI), Clarkson University, State University of New York College of Environmental Science and Forestry (SUNY ESF), and Stevens Institute of Technology. Our career fair tables include brochures with information about KC's services, a PowerPoint presentation featuring examples of KC's projects, and a video conference connection allowing prospective applicants to talk with a KC engineer about their experiences and day-to-day responsibilities.

KC has also strengthened our online presence by increasing our social media activity across our three accounts (Twitter, Facebook, and LinkedIn) as well as by creating and posting SlideShare presentations about each main service that KC offers. Next quarter, KC will focus on our ISO policies and procedures in preparation for our annual audit.

With the spring season underway, our employees are hard at work on all of KC's various projects. Let's work together to make this a great year!

- Raj

**MARK
YOUR
CALENDAR**

Events:

Spring Cleanup

Friday, April 21, 2017

Company Holidays:

Memorial Day

Monday, May 29, 2017

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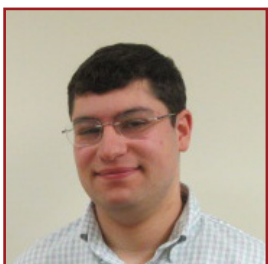
WELCOME NEW EMPLOYEES

***Allison Leshowitz***

Ms. Leshowitz joined KC in the Circleville office in January as a Proposal Coordinator. She has a Master of Arts degree in English from SUNY New Paltz.

Jogesh Shah

Mr. Shah joined KC in the New York City office in January as an Inspector. He has a Bachelor of Science degree in civil engineering.

***David Stavans***

Mr. Stavans joined KC in the Circleville office in January as a Civil Engineer. He has a Bachelor of Science degree in civil engineering from Rochester Institute of Technology.

André Lawes, E.I.T.

Mr. Lawes joined KC in the Circleville office in February as a Civil Engineer. He has a Bachelor of Science degree in civil engineering from Rutgers University.



***Mohamed Hosameldin, E.I.T.***

Mr. Hosameldin joined KC in the New York City office in February as a Civil Engineer. He is an Engineer-In-Training and has a Bachelor of Science degree in civil engineering from Bradley University.

Shrujal Barvaliya, E.I.T.

Mr. Barvaliya joined KC in the New York City office in February as a Structural Engineer. He is an Engineer-In-Training and has a Master of Science degree in civil engineering from the University of Illinois at Chicago.

***Jaikrishen Lal, P.E.***

Mr. Lal joined KC in the New York City office in March as a Senior Engineering Auditor. He is a licensed Professional Engineer and has a Master of Science degree in civil engineering from Columbia University.

Mahmoud Tarawneh

Mr. Tarawneh joined KC in the New York City office in March as an Inspector. He has an Associate of Science degree in civil engineering from PCC College.



KC FAMILY NEWS



Congratulations to KC employee Dhawal Patel and his wife on the February 16, 2017 birth of their son, Tirth! The family is happy and healthy!



Congratulations to KC employee Muath Al-Maaiah and his wife on the birth of their son, Yousef! The two-month old is happy and healthy!



Congratulations to KC employee Jerry Bashualdo and his wife on the October 9, 2016 birth of their son, Jacob! The family is happy and healthy!



PROJECT NEWS HIGHLIGHTS

Circleville Office Projects:

KC is providing **Engineering Evaluation and Wastewater Treatment Design** to 126 Lake Ave. Realty for the existing antique fire truck museum in Wallkill. The facility has an inactive wastewater treatment plant that the owner would like to reinstate. Prior to restarting operations, KC, as led by Project Manager Darren Doetsch, P.E., will evaluate the facility, secure an SPDES Permit from the NYSDEC, and recommend updates to the facility.



Antique Fire Truck Museum

KC is providing electrical engineering design under Lead Design Engineer Michael Tamigi, P.E., to WSP as sub-consultant on the **Morris Street Pedestrian Bridge** project for TBTA. The new pedestrian bridge will feature a complex microprocessor controlled variable color lighting system as well as a heated deck and stairs to eliminate the need for snow removal. It will also include messaging and lane height detection systems preceding the entrance to the tunnel, which connects Manhattan with Brooklyn.

KC is also providing support to assist camp operators of **Camp E-Mu-Nah** with wastewater permitting from the NYSDEC. The Camp utilizes a wastewater lagoon and land application system originally designed by KC in the 1970s, and the design is one of only two such systems ever built in New York State.

This spring, KC, as led by Team Leader John Bolger, will perform **Rock Slope Stabilization Inspections** along both the East and West branches of the Metro-North Railroad as a sub-consultant to GeoDesign.



Hugh L. Carey Tunnel and Morris Street Pedestrian Bridge

KC Circleville's other ongoing projects include the Orange County Office of Veterans Affairs **Veteran's Cemetery Master Plan**, for which KC is providing services under Project Manager Ryan McGuire, P.E., and with Mekus Tanager and Behan Planning and Design; the Village of Warwick's **Bus Garage**, which is nearing 80% completion; the Town of Wallkill's **Winding Brook** and **Filter Rebuild** projects, which are ready for bid and out to bid respectively; the Village of Ellenville's **Emergency Shelter**, which has its design report underway; and the **Montreign Casino and Monster Golf Course**, which is still progressing and for which KC is providing regulatory compliance inspections.

Poughkeepsie Office Projects:

KC Poughkeepsie is continuing to provide construction administration and inspection services to the DCWWA for the **Valley Dale Sewer Wastewater Treatment Plant rehabilitation project**. Rehabilitation of the plant is nearly complete, with start-up targeted to switch over to the permanent plant from the current temporary plant in April 2017.



Valley Dale Temporary Plant

The detailed design phase of the proposed **Franny Reese Park** on West Main Street in the Village of Wappingers Falls is underway, with collaboration from Pouder Design to complete the design of the proposed park.

The detailed design phase of the Village of Wappingers Falls **TAP Pedestrian Improvements project** is also underway with support from KC's NYC transportation engineering staff. The project features bumpouts, crosswalks, and pedestrian safety lighting on Route 9D in the Village's commercial district. Bidding and construction will begin this year.

Other projects for the Village of Wappingers include the **CWSRF/DWSRF Contract 3**, for which KC is reviewing submittals for construction to begin in April 2017 and the following projects currently under construction: the \$4.3 million **CWSRF/DWSRF Contract 2**, which will be 100% complete in April 2017; the \$640,000 **ESD Bleachery Sanitary Sewer project**, which will also be 100% complete in April 2017; and the \$135,000 **Contract 3.1 Cleaning and TV Inspections of Sanitary Sewers**, which will be completed in May 2017.



Marist College North Campus Housing Survey

KC's surveying work this quarter continued at the **Marist College's North Campus Housing** location and for the **NYCEDC Lower Concourse Infrastructure project** in the Bronx.

New York City Office Projects:

KC is designing the ***Replacement of County Bridge No. H0401 Corelyous Lane over Nine Mile Run*** in the Franklin Township in Somerset County, NJ. A new replacement bridge is being designed to accommodate two lanes of traffic. The existing bridge width will be widened with approach roadways tapered to meet the existing roadway width. The County had established the proposed roadway width with two 11' wide lanes and two 2' wide shoulders. KC will investigate and recommend the most appropriate structure type for the proposed bridge subject to the approval of the County. The proposed structure alternatives include precast rigid frame culvert with cast-in-place parapets and veneer, and cast-in-place footings or precast arch with fascia veneer, guide rails, and cast-in-place footings. Hydraulics are anticipated to control the size of the new bridge substructures, and rip rap or other scour protection measures will be provided as required.



Somerset County Bridge No. H0401

KC's NYC office also focused heavily on our ***NYSDOT D900036 Region 8 Bridge Replacements (Westchester County) Design-Build proposal submission*** this quarter. D900036 is a design-build project involving three bridge replacements in Westchester County: BIN 5500739 Route 987D over Saw Mill River, BIN 5500719 Route 987D over Saw Mill River, and BIN 5500050 East 3rd Street over Hutchinson River and Parkway. KC partnered with ECCO III Enterprises, Inc. for our submission, with KC as Lead Designer. The main design components were handled from our NYC office, with support provided by both the Circleville and Poughkeepsie offices.

In addition, KC wrapped up substantial design of the ***NYSDOT D900034 Region 8 Bridge Replacements (Ulster County) Design-Build project***, with design well over 75% complete.

COMMUNITY INVOLVEMENT

KC ATTENDS THE ASSOCIATION OF TOWNS OF THE STATE OF NEW YORK'S 2017 ANNUAL MEETING AND TRAINING SCHOOL



KC's Jason Pitingaro and Ryan McGuire attended the Association of Towns of the State of New York's 2017 Annual Meeting and Training School in New York City. In its 84th year, the annual meeting attracted nearly 2,000 town officials from more than three-quarters of the state's 932 towns. This three-day conference provides opportunities for officials and consultants to share ideas and innovative practices with the goal of developing relationships and bettering our communities. Training sessions include discussions of infrastructure planning, sustainability, funding, laws, and best practices, as well as municipal budgeting and management.

TOWNS STAND TOGETHER



INDUSTRY NEWS

DESIGNING FOR NEW YORK STATE EXECUTIVE ORDER 88

Executive Order 88 (EO88), issued by Governor Cuomo on December 28, 2012, aims to increase energy efficiency in state buildings. This executive order mandates a 20% improvement in the energy performance of state owned and operated facilities by April 2020, and it requires annual reporting, energy audits, and cost-effective projects. The New York Power Authority (NYPA) has been designated as the coordinator of compliance with EO88. Additionally, EO88 established BuildSmart NY, the state's strategic initiative, to meet the goals of the mandate by using data analytics to improve energy performance and guide investments in energy optimization projects. EO88's primary metric for monitoring energy consumption is Source Energy Use Intensity (EUI), the amount of energy consumed per square foot of corresponding gross building area.



EO88 directly affects all state agencies and departments, including the State University of New York (SUNY), City University of New York (CUNY), Office of General Services, Office of Mental Health, and Metropolitan Transportation Authority (MTA). These agencies are expected to implement projects that advance the goal of improving energy performance, which in turn will reduce New York State government's utility expenses, foster investment in sustainable infrastructure, protect the environment and public health, and support economic growth. MTA, for example, partnered with NYPA to undertake a comprehensive \$25 million overhaul of Grand Central Terminal's energy efficiency from 2012 to 2015, constituting the largest energy-efficiency project in MTA history. The project will result in savings of over \$2.5 million in annual energy costs and will reduce greenhouse gas emissions by more than 11,200 tons per year.

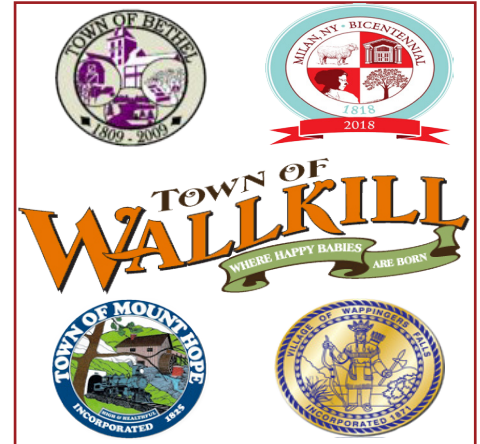
According to Lloyd Kass, BuildSmart NY director, "Finding the right energy efficiency consulting, engineering, and implementation resources can be challenging for state agencies and authorities." Given the priorities established by EO88, engineering designs for state agencies implementing new projects will need to emphasize energy efficiency. In fact, some new projects are being released in order to help agencies meet EO88's 2020 goal, and with all other factors being equal, agencies will weigh long-term energy cost as part of the decision process for future design-build projects. Systems such as HVAC, lighting, and messaging and communications, then, must be designed to both meet current building codes and enhance energy performance. As engineers, we must be prepared to accelerate energy efficiency measures and provide innovative designs that promote energy efficiency and lower energy consumption.

AWARDED PROJECTS



KC IS AWARDED MUNICIPAL ENGINEERING CONTRACTS

Town of Bethel,
Town of Milan,
Town of Mount Hope,
Town of Wallkill,
Village of Wappingers Falls



KC submitted our qualifications packages to the following municipalities in order to continue as their municipal engineers in 2017: Town of Bethel, Town of Milan, Town of Mount Hope, Town of Wallkill, and Village of Wappingers Falls. KC has been selected to continue to serve these municipalities through 2017, providing a wide variety of engineering and surveying services including civil and utility engineering, structural engineering, land development, traffic/transportation engineering, wastewater treatment, water supply, construction inspection, and grant administration and support services.



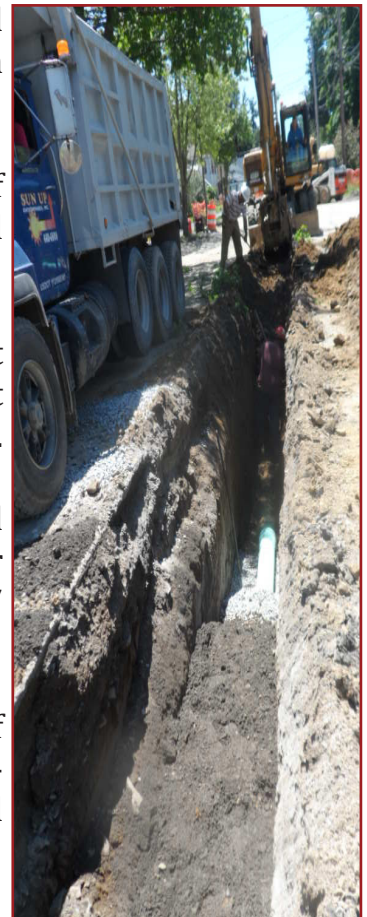
Notable projects with the Town of Bethel include multiple projects at the Kauneonga Lake Wastewater Treatment Plant.

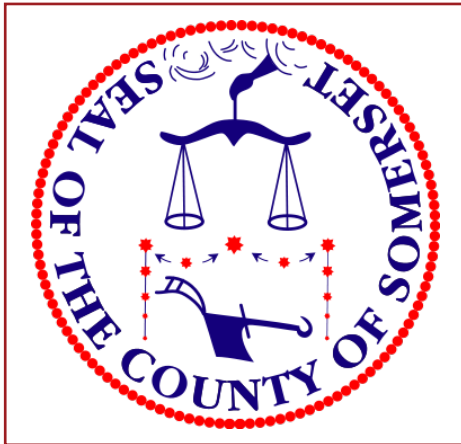
Notable projects with the Town of Milan include the Pink Lane Bridge and Battenfeld Intersection Improvements.

Notable projects with the Town of Mount Hope include MS4 Program Management and various Hidden Valley WWTP projects.

Notable projects with the Town of Wallkill include multiple water and wastewater projects such as the Kosuga Well 7 development project (pictured left).

Notable projects with the Village of Wappingers Falls include multiple CWSRF- and DWSRF-funded projects (pictured right).





KC IS AWARDED CONTRACT WITH SOMERSET COUNTY

Various Professional Engineering and Related Services for Somerset County for the Year 2017

KC submitted our proposal response for Various Professional Engineering and Related Services to Somerset County on October 27, 2016, and was notified of our award of the project on December 14, 2016. This project is for providing engineering design services for the replacement or rehabilitation of various types of Somerset County bridges, engineering design services for the reconstruction of roadways, and bridge and roadway inspection services including construction engineering and integrity inspections.



KC IS AWARDED CONTRACT WITH VILLAGE OF WARWICK

Engineering Evaluation of a Treatment System for Well #3



KC submitted our proposal response for Engineering Evaluation of a Treatment System for Well #3 to the Village of Warwick on January 20, 2017, and was notified of our award of the project on February 22, 2017. This project is for conducting engineering evaluation to determine the best option for providing an additional water source to the Village, which could be backup source Well #3 or development of another new well. Well #3 has an average yield capacity of 250 GPM and can yield up to 400,000 GPD. The water from Well #3 is GWUDI and will need either treatment or pumping to the Microfiltration Plant before use as a primary source.





KC IS AWARDED CONTRACT WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION

D031472 Regional Design Services Agreement (RDSA), Region 10

The Stantec-KC team submitted our team response for D031472 RDSA, Region 10 to the NYSDOT on November 16, 2016, and was notified of our award of the project on February 1, 2017. This project is for providing preliminary and final design services as well as construction support services for highway and bridge projects within Region 10 (Nassau and Suffolk Counties) in New York State.

BY THE NUMBERS:

Contract Duration 5 years

Start Date January 2, 2017

Estimated Highway
Construction Cost \$25,000,000

Estimated Bridge
Construction Cost \$10,000,000

The required services include, but are not limited to: scoping; all preliminary design activities (Phases I-IV); final design (Phases V-VI) for bridge replacements; bridge rehabilitation; highway reconstruction and highway rehabilitation projects; public involvement; involvement with NYC Agencies; design survey and mapping; right-of-way survey and mapping; environmental assessments and studies; in-depth bridge inspections; constructability reviews; routine traffic analysis; Intelligent Transportation Systems (ITS) design; multi-site assignments (e.g. design of traffic signals, sign design, asset location, and condition surveys, etc.); design for other Department facilities; and construction support services (including CADD support).

KC IS AWARDED CONTRACT WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION

D037603 Van Wyck Expressway (I-678) / JFK Airport Access Improvements



The Parsons Brinckerhoff, Inc.-KC team submitted our team response for D037603 Van Wyck Expressway (I-678) / JFK Airport Access Improvements to the NYSDOT on February 3, 2017, and was notified of our award of the project on February 27, 2017. This project is for providing preliminary and final design services as well as construction support services for highway and bridge projects along the Van Wyck Expressway.

The Van Wyck Expressway (VWE), I-678, is the major gateway into and out of JFK International Airport. It was originally constructed in the early 1950s and is unable to handle current and projected traffic volumes. Congestion and delays are extensive and exist for many hours of the day, seven days a week. D037603 will provide for Preliminary Design Services to widen the VWE in order to add a fourth lane from the Kew Gardens Interchange to JFK Airport. The project may impact up to 20 bridges including 4 bridges that carry the LIRR over the VWE. In addition, operations of the various on/off ramps will be evaluated. The length of the project is approximately 4.3 miles.

BY THE NUMBERS:

Contract Duration 2 years

Start Date March 1, 2017

Estimated Highway
Construction Cost \$539,000,000

Estimated Bridge
Construction Cost \$680,000,000



KC IS AWARDED CONTRACT WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION

D031466 Nassau Expressway (NY-878) Resiliency/Reconstruction Project, Region 10

The Stantec-KC team submitted our team response for D031466 Nassau Expressway Resiliency/Reconstruction to the NYSDOT on January 18, 2017, and was notified of our award of the project on March 8, 2017. This project is for providing preliminary and final design services as well as construction support services for highway resiliency and reconstruction along the Nassau Expressway.

BY THE NUMBERS:

Contract Duration 2.4 years

Start Date August 1, 2017

Estimated Highway
Construction Cost \$99,000,000

This project includes scoping approval and preliminary design required for preparing a Design Approval Document (DAD). A DAD will be prepared to develop various alternatives that address long-term operational and safety improvements and transportation resiliency of the Nassau Expressway (NY-878) main line roadway including the intersections at Burnside Avenue, Peninsula Boulevard, and Rockaway Turnpike.

KC IS AWARDED CONTRACT WITH TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY

PSC-16-2991 Authority-Wide As-Needed Engineering Services



The AECOM-KC team submitted our team response for Authority-Wide As-Needed Engineering Services for the MTA-TBTA on August 16, 2016, was shortlisted to the RFP stage, and was notified of our award of the project on March 9, 2017. Multiple six-year contracts were awarded to provide engineering services, which will include design, scoping, engineering inspection, BCOR, value engineering, and other incidental engineering services on an as-needed basis for the aggregate amount of \$60 million for TBTA and an aggregate amount of \$5 million for Metro-North Railroad. These services will include a broad range of engineering disciplines, including structural, civil, traffic, environmental, landscape, surveying, electrical, mechanical, and architecture. KC is providing civil engineering, structural engineering, and surveying services.



COMPLETED PROPOSALS



NYS DEPARTMENT OF TRANSPORTATION:

D900036 Region 8 Bridge Replacement (Westchester County), RFP Stage:

This design-build proposal is for three full bridge replacements of two bridges carrying NYS 987D over the Sawmill River and one bridge carrying East 3rd Street over the Hutchinson River and Parkway. KC joined ECCO III's team for this submission as Lead Designer.

D900038 Route 17 at Route 32 (Exit 131) Reconstruction, RFQ Stage:

This design-build qualifications package is for reconstruction of a grade-separated access point to and from Woodbury Common Premium Outlet, Route 17 (Future I-86), Exit 131, two bridges, and improvements to the Monroe-Woodbury Central School District campus. KC joined a team as a structural design sub-consultant.

KC submitted as a sub-consultant on the following NYSDOT expressions of interest:

- ***D031466 Nassau Expressway (NY-878) Resiliency / Reconstruction Project, Region 10***
- ***D031474 Term Agreement for Highway Safety Investigation Services, Region 11***
- ***D031477 Construction Inspection, RMC over Fire Island Inlet Bridge Steel Repair, Suffolk County, Region 10***
- ***D031500 Long Island Expressway (I-495) Auxiliary Lane and Safety Improvements, Queens County, Region 11***
- ***D037603 Van Wyck Expressway (I-678) / JFK Airport Access Improvements***
- ***D037604 Term Agreement for Highway Safety Investigation Services, Region 8***
- ***D037606 Construction Inspection Term Agreement, Region 9***
- ***D037607 Construction Inspection, Bridge Maintenance by Contract (MBC), Region 8***
- ***D037608 Construction Inspection, Bridge Maintenance by Contract (MBC), Ulster County, Region 8***
- ***D037609 Construction Inspection, Cleaning and Painting of the FDR Drive - South Street Viaduct, New York City***
- ***D037611 Rehabilitation of Van Wyck Expressway (I-678) Viaduct, Contract 1, Queens, Region 11***
- ***D037612 Construction Inspection, Lower Hudson Transit Link (LHTL), Westchester and Rockland Counties***
- ***D037613 Regional Design Services Agreement, Statewide***
- ***L031472-01,03 Nassau Expressway (NY-878) Hydraulics and Flood Plain Evaluation, Region 10***

VILLAGE OF WARWICK:

Request for Proposal to Perform an Engineering Evaluation of a Treatment System for Well #3:

This proposal is for performing a preliminary investigation of options to bring on-line a source of treated water with a capacity similar to that available from Well #3, which has been determined to be GWUDI; providing a preliminary design layout of the selected alternative with a refined capital and life-cycle cost estimate; and preparing a report that presents the findings of the evaluation, potential regulatory issues and changes, and life cycle cost information.



WESTCHESTER COUNTY:

Albany Post Road over Canopus (Sprout) Brook Bridge Replacement:

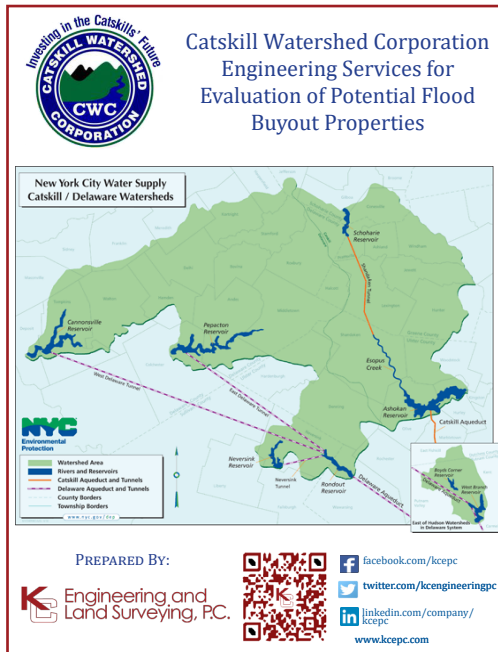
This proposal is for the replacement of the bridge on Albany Post Road over Canopus Brook under LDSA procedures. KC is providing Tectonic with surveying services.



VILLAGE OF WASHINGTONVILLE:

Upgrade and Expansion of Wastewater Treatment Plant:

This proposal is for providing land surveying services for the upgrade and expansion of the wastewater treatment plant in the Village of Washingtonville. KC submitted as a sub-consultant to the prime contractor.



CATSKILL WATERSHED CORPORATION:

Engineering Services for Evaluation of Potential Flood Buyout Properties:

This proposal is for an engineering firm to review and assess properties that may be eligible for the New York City funded Flood Buyout Program. Assessments may include an evaluation of an erosion hazard on the property and/or the potential for future flood damage to a structure.

VILLAGE OF TARRYTOWN:

RiverWalk Extension Design, Bidding, and Oversight:

This proposal is for the design of the RiverWalk extension, including site analysis, surveying, bulkhead review and remediation, public outreach, and inspection. KC served as a surveying and structural engineering sub-consultant on this submission.

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY:

Annual System Engineering Service Agreements:

This qualifications package is for annual system engineering service agreements for two DCWWA water systems. Task orders will be released to the selected firm for each system under this annual agreement and will include water engineering, construction inspection, and surveying services.



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION:

Prior Notice Sidewalks, Borough of Manhattan, The Bronx, and Staten Island:

This proposal is for inspection, management, and coordination during the pre-construction, construction, and post-construction phases of the project, as part of KC's REI Requirements Contract.

Final Design Services for Hydraulic Analysis of Sewer Chambers in the Rosedale Area:

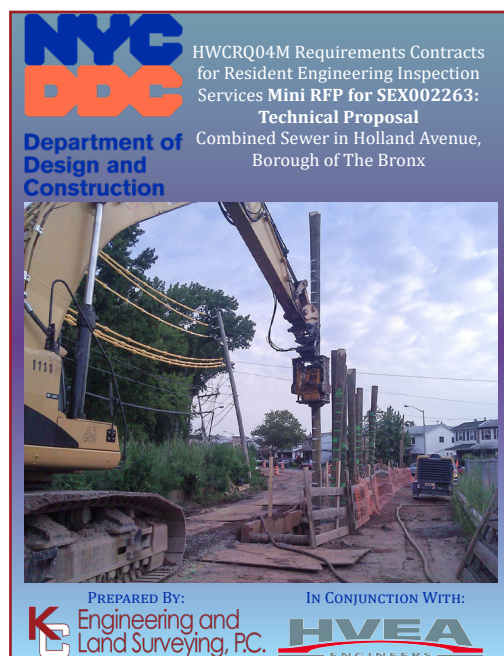
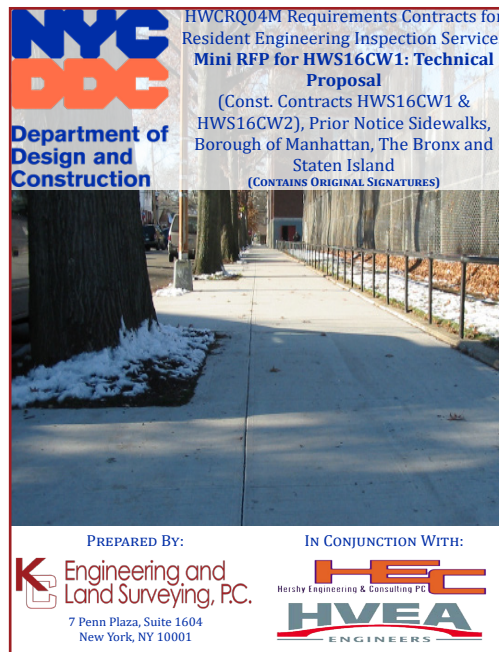
This proposal is for the review of sizes and hydraulic analysis of 14 proposed chambers to be constructed as part of the reconstruction of streets in the Rosedale area, as part of KC's Design Requirements Contract.

Combined Sewer in Holland Avenue, Borough of The Bronx:

This proposal is for resident engineering inspection services for water main and combined sewer replacement in Holland Avenue between Boston Road and Arrow Avenue, as part of KC's REI Requirements Contract with the NYCDDC.

Pedestrian Ramp Rehabilitation, Brooklyn:

This proposal is for resident engineering inspection services for the repair and upgrade to ADA specifications of existing pedestrian ramps, as part of KC's REI Requirements Contract.



Rehabilitation of Pedestrian Ramps, Citywide:

This proposal is for resident engineering inspection services for the rehabilitation of pedestrian ramps citywide, as part of KC's REI Requirements Contract.

Prior Notice Sidewalks, Borough of Queens:

This proposal is for resident engineering inspection services for prior notice sidewalks in Queens, as part of KC's REI Requirements Contract.

41st Avenue, Corporal Kennedy & Etc., Borough of Queens:

This proposal is for resident engineering inspection services for 41st Avenue and Corporal Kennedy, as part of KC's REI Requirements Contract.

**METRO-NORTH RAILROAD:*****Design and Construction Services for the Replacement of Prospect Hill Road Bridge (HA 53.04) at Town of Southeast, NY:***

This design-build proposal is for design and construction services for the replacement of Prospect Hill Road Bridge. The project will involve the demolition of the existing bridge and construction of the new bridge, with minimal disruption to operations of the nearby Brewster Yard facilities and with future expansion of Brewster Yard tracks taken into account. KC served as a sub-consultant on this submission.

Resident Engineering and Inspection Services for Replacement of Prospect Hill Road Bridge (HA53.04) at Town of Southeast, NY:

This proposal is for construction support services, including all construction inspection work. These services will be provided during the pre-award, construction, and closeout stages of the project and will include inspections, schedule review, submittal review, reporting, and coordination with the Design-Builder and Metro-North Railroad. KC served as a sub-consultant on this submission.

**NEW YORK STATE OFFICE OF PARKS,
RECREATION, AND HISTORIC PRESERVATION:*****Term Contract for Professional Design Services (Engineering) for the Long Island State Park Region:***

This qualifications package is for retaining five engineering design teams to provide professional services on a term contracting basis for the Long Island State Park region. Assignment may include phase studies, utility systems, water/sewer design, and other supporting infrastructure. KC served as a sub-consultant for this submission.



PUTNAM COUNTY:***Fairfield Drive over Putnam Lake Outlet Culvert Replacement:***


This proposal is for the replacement of the existing culvert that carries Fairfield Drive over the Putnam Lake Outlet located in the Town of Patterson, Putnam County. KC submitted as a sub-consultant to provide surveying services.

**DELAWARE VALLEY JOB CORPS CENTER:*****Food Storage Vault Fill:***



This proposal is for the fill of a subgrade roof vault comprised of cast-in-place concrete and concrete-encased steel beams that form a below-grade room used for cold storage. The room will be emptied and filled to keep the badly corroded and deteriorating roof structure from collapsing. KC submitted as a sub-consultant to provide structural design support and construction inspection services.



**NEW YORK CITY ECONOMIC DEVELOPMENT CORPORATION:*****East Midtown Waterfront Esplanade:***

This proposal is for amenities to be installed on Waterside Pier, which was demolished and reconstructed in 2014 and opened to the public in 2016. This project is part of KC's On-Call Civil/RE contract with the NYCEDC with Stantec.




Response to Engineering Services
Request for Qualifications - White
Sulphur Springs Water Main
Replacement - Phase 7

PREPARED BY:



**K Engineering and
Land Surveying, P.C.**

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linkedin.com/company/kcepc
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TOWN OF LIBERTY:

Engineering Services Request for Qualifications - White Sulphur Springs Water Main Replacement - Phase 7:

This qualifications package is for providing engineering services including topographic surveying, geotechnical evaluations, design, preparation of bid specifications, bidding assistance, construction administration, inspection, and as-built drawings for the White Sulphur Springs water main replacement. The project includes the installation of 1,700 LF of water main among 3 locations, 3 new hydrants, and 8 new valves.

EAST OF HUDSON WATERSHED CORPORATION:

Engineering Services for Two Stormwater Retrofit Projects 2017-04:

This proposal is for the design, permitting, and construction phase services (CPS) of stormwater retrofit projects (SRPs), including confirming all initial evaluation work and providing civil engineering services for the next phases of the project.

Surveying Services for a Stormwater Retrofit Project 2017-01:

This proposal is for surveying services for the design, permitting, and construction phase services for two stormwater retrofit projects (SRPs) each. Topographic surveying is to be done for both sites, with GPS locating, metes and bounds for all temporary and permanent construction easements, and all property lines located.



East of Hudson Watershed Corporation
Professional Surveying Services for a
Stormwater Retrofit Project
2017-01






PREPARED BY:



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VILLAGE OF SUFFERN:

WWTP Digester Boiler Replacement Project:

This proposal is for the design of the replacement of the Village of Suffern's Wastewater Treatment Plant's digester boilers. The existing boilers are not functioning at their required capacity and urgently need replacement.



CITY OF NEWBURGH:

Walsh Road over Quassaick Creek Bridge Replacement:

This proposal is for the replacement of the bridge on Walsh Road over Quassack Creek under LDSA procedures. KC is providing Tectonic with surveying services for this submission.

Hydrogeological Services for the Preservation of Water Resources

PREPARED BY:

IN CONJUNCTION WITH:

TOWN OF MOUNT HOPE:

Hydrogeological Services for the Preservation of Water Resources:

This proposal is for providing on-call hydrogeological services and water-specific services for the preservation of water resources within the Town of Mount Hope.

**VILLAGE OF PORT CHESTER:*****Stake ROW along Abendroth Place along #140 Highland Street Property:***

This qualifications package is for surveying services to stake out the rear property line along Abendroth Place, which borders the rear yard property line belonging to 140 Highland Street.

CITY OF BINGHAMTON:***Local Waterfront Revitalization Program Update:***

This qualifications package is for developing the amendment to the City's approved Local Waterfront Revitalization Program (LWRP). KC was a sub-consultant on this submission.

VILLAGE OF NYACK:***Preparation of Village of Nyack to Local Waterfront Revitalization Program Update:***

This proposal is for the update of the Village of Nyack's Local Waterfront Revitalization Program (LWRP), developed in 1992. The updated LWRP will identify resiliency measures and strategies for growth that provide economic opportunity. The Village has been awarded a grant from the Department of State for this project. KC served as a sub-consultant on this submission.

