PROPOSAL FOR PROFESSIONAL SERVICES

Architecture/Engineering Services Superior Fire Stations 2 and 3

RFQ #24-37-FD









Building a Better World for All of Us®

October 22, 2024

Camron Vollbrecht, Fire Chief City of Superior 3326 Tower Avenue Superior, WI 54880



RE: RFQ #24-37-FD Architecture/Engineering Services Superior Fire Stations 2 and 3

Dear Members of the Selection Committee,

Designing and constructing a new fire station is a significant undertaking. When it comes to building two stations, the importance and complexity only increase. These facilities must be adaptable to future changes in the community, the fire department, and the fire/public safety industry, while also reflecting the values and vision of the community. As the City of Superior moves forward with the design of Fire Stations 2 and 3, it's important to have a dedicated consultant team that understands the operations of your department and the intricacies of fire station design. The **Short Elliott Hendrickson Inc.** (SEH®) team is ready to take on this important effort and will offer the following advantages:

BUILDING ON COLLABORATION WITH THE CITY. Our team is ready to get to work on your behalf on these fire stations and will provide responsive service throughout the process. SEH's proven track record with the City stands testament to our ability to accommodate your project needs as they arise. We are eager to continue this positive momentum. We know what it means to serve as an extension of your staff, and we are committed to providing responsive, efficient services on this project.

PUBLIC SAFETY FACILITY PLANNING AND DESIGN EXPERIENCE. Fire stations are a main focus for our architectural group. We bring considerable knowledge of what goes into daily operations, what should drive programming, and how to determine cost-efficient and functional solutions for your community.

EMPHASIS ON WELLNESS AND SAFETY. Through strategic programming and design, we focus on developing training facilities, fitness spaces, and design layouts that support decontamination and general well-being. This includes features that allow for separate work and rehabilitation areas – all of which are important to preventing and mitigating exposure to harmful cancer-causing contaminants.

FUTURE-PROOFING YOUR FACILITY. Recruitment and retention pose a big challenge for the public safety industry. To support an ever-changing and inclusive workforce, we will evaluate restroom and sleeping quarter design options that can be easily reconfigured to keep up with the ever-changing composition of your department's staff. We also accommodate the evolving technological needs of fire stations in our designs, enabling these facilities to adapt over time.

We sincerely appreciate the opportunity to provide you with our proposal for professional services. If you have any questions regarding any of the information provided, please do not hesitate to contact Brian at **952.215.8118 or bbergstrom@sehinc.com.**

Respectfully submitted,

rean tter

PROJECT MANAGER

BRIAN BERGSTROM AIA (WI)

We're ready to get to work on your behalf and

design two fire stations that serve the City of

Superior community for years to come.

DAN HINZMANN PE (WI)
CLIENT SERVICES MANAGER

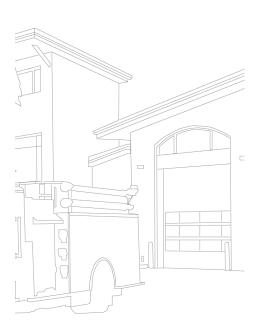
7. Addenda Acknowledgement (Must be submitted with Qualifications)

Fire Stations 2 and 3

I/we hereby acknowledge receipt of	the following addenda(s):
Addendum N	o. <u>1</u> Dated October 15, 2024
	o Dated
Addendum N	o Dated
Addendum N	o Dated
the plans, specifications, form of con I/we further agree to enter into the contail the terms, conditions and requires	amined the site where the work is to take place, and ntract and all other contract documents. ontract, as provided in the contract documents, under ments of those documents. sultant/firm shall so indicate and sign this document. Short Elliott Hendrickson Inc. (SEH®)
	Company Brin Reyon
	Representative Signature

CONTENTS

4.1	COMPANY PROFILE	1
	KEY PERSONNEL	
4.3	FIRE STATION EXPERIENCE	16
	PROJECT APPROACH	
	SUBCONSULTANTS	
	STATEMENT OF QUALIFICATIONS REFERENCE M	
4.7	QUALIFICATION EVALUATION CHECKLIST	33
4.8	RESPONDENT STATEMENT	35



The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.

©2024 Short Elliott Hendrickson Inc.

The information contained in this Proposal was prepared specifically for you and contains proprietary information. We would appreciate your discretion in its reproduction and distribution. This information has been tailored to your specific project based on our understanding of your needs. Its aim is to demonstrate our ideas and approach to your project compared to our competition. We respectfully request that distribution be limited to individuals involved in your selection process.

SEH is a registered trademark of Short Elliott Hendrickson Inc.

SUPER 181213

4.1 | Company Profile

Fire stations are among the most important assets within any community. As such, you need a firm and team who understand the aspects of what goes into the design and the locality they serve. With more than 125 fire station designs in our corporate portfolio and our work serving the City of Superior, SEH has that knowledge.

SHORT ELLIOTT HENDRICKSON INC. (SEH®)

SEH is an employee-owned architectural, engineering, environmental, and planning company that helps government, industrial, and commercial clients find answers to complex challenges.

418 West Superior Street, Suite 200, Duluth, MN 55802

218.279.3000 888.908.8166 fax sehinc.com

Our 900-plus employee-owners share a core purpose: Building a Better World for All of Us[®]. This purpose drives our work in the fire industry, as we are focused on delivering best-in-class facilities that help ensure responsive public safety services to our local communities.

WHY SEH?

Our team is responding to this RFO because we have the experience, skills, and knowledge to deliver highly functional, cost-effective, and efficient fire stations. Below are the top 10 reasons SEH is uniquely qualified:

- Public safety buildings comprise nearly all of our architectural work.
- Our architects across the company are working on fire stations throughout the country. We collaborate to provide a greater depth of resources when programming and designing these facilities.
- 3 Our architectural practice includes team members with firefighting experience – they bring a pragmatic perspective to our programming and designs.

- 4 We understand the unique needs of the fire services industry and the staff who occupy the building.
- 5 All of our designs incorporate training props into the architecture and provide opportunities to train on-site. This reduces training costs and the inconvenience of traveling to conduct and participate in necessary recertification and mandatory training. These training amenities are typically added for little or no cost to the building and site.



NAMED 2024 TOP WORKPLACES IN THE USA for third consecutive year!

SHORT ELLIOTT HENDRICKSON INC.

WE PARTNER WITH CLIENTS



in nearly every U.S. state and many Canadian provinces

EMPLOYING



engineers, architects, planners, scientists, and talented professionals

WHO WORK TOGETHER TO SERVE

market areas: mobility, better places, clean water, and renewing infrastructure









OPENED FIRST WISCONSIN OFFICE IN

which includes







The SEH architectural design team includes LEED Accredited Professionals who will bring sustainable design practices to the programming of the building. Each station we work on employs sustainable and energy saving features.

Our principal in charge is also an accredited Project Management Professional (PMP). The added value that this accreditation brings to the project process is key to the initiating, planning, executing, controlling, and closing of the project.

We understand how to acquire funding through grants and other sources to help municipalities design and build the very best public safety buildings.

We are passionate about fire stations, we are poised to begin work immediately, and we understand the nuances of the politics that often determine and influence the outcome of these types of facilities.

© SEH is proud to serve those who serve. We respect the men and women in the fire services industry and make it our passion to deliver best in class facilities to these emergency services professionals.

SEH is eager for the opportunity to work with the City of Superior to provide architectural services for the planning and design of Fire Stations 2 and 3 and any future public safety facilities. Our experienced team has designed fire stations across the country, and we are prepared to leverage that experience for any upcoming projects the City is planning. This includes the following design considerations:

- Emergency responsiveness and preparedness
- Accreditation and code compliance
- Emphasis on wellness and safety
- Decontamination and carcinogen mitigation
- Operational efficiency and sustainability
- Recruitment and retention
- Gender neutrality accommodations

We look forward to continue working with City of Superior staff and learning about your fire facilities and future needs.

WE LITERALLY WROTE A BOOK!

Today's public safety buildings reflect the fact that first responders are an integral part of their communities. They require facilities that are welcoming to the public, yet offer a high level of security. With more than 125 public safety building projects completed nationwide, SEH is at the forefront in current design trends and new technologies. Our understanding of the unique needs in emergency responsiveness, combined with our progressive design approach, allows us to provide municipalities with the experience necessary for project success. Our staff is familiar with all aspects of the seemingly endless list of design considerations that must be addressed early in the planning process. The end result is a station that is functional, sustainable, and brings pride to the community.





Click or scan this QR Code for the eBook!



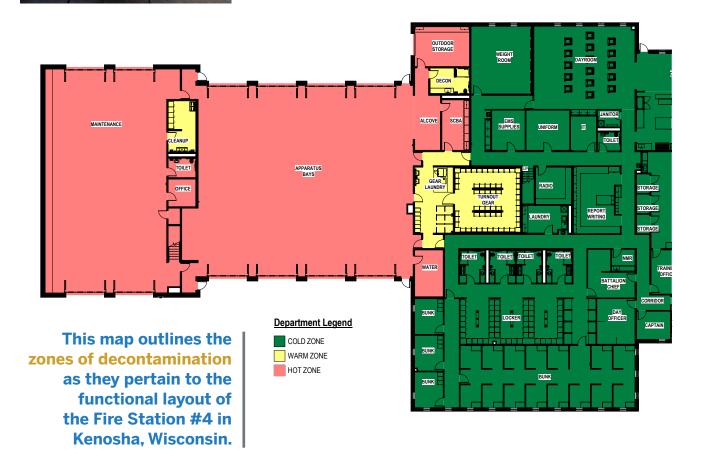
HAZARDOUS MATERIAL HANDLING AND DECONTAMINATION

Contamination prevention and mitigation is the current best practice in all emergency services design. By developing the building program in zones from "Hot" to "Warm" to "Cold" or red, yellow, and green, we are able to isolate the contaminants before they get into the living spaces of the stations. Strategically placing the decontamination spaces directly off the apparatus floor in what is considered the hot zone allows personnel to decontaminate not only their PPE but themselves as well.

A decade ago, you never would have heard of the placement of exercise cycles or saunas in a fire station. Those items were seen as extravagant amenities and unnecessary to the operation of fire staff. But with cancer prevention top of mind in the fire service industry, we include steam showers, saunas, exercise cycles and treadmills in the design of decontamination spaces. These allow fire staff to purge the toxins from the surface of their clothing, as well as within their bodies.

Through design, we can protect our firefighters and public

safety personnel from hazardous materials on the job.



SUSTAINABLE AND ENERGY EFFICIENT DESIGN

SEH has a strong commitment to planning, designing, and implementing environmentally responsible and sustainable projects. We have recently delivered LEED Silver and Gold certified municipal buildings that have reduced their communities' daily energy consumption. They have also been constructed following sustainable practices that reduce the amount of raw materials needed to construct the facilities. The following projects are examples of recent municipal facilities and their respective sustainable considerations.

PROJECT	SUSTAINABLE CONSIDERATIONS/LEED AWARD
Freedom Town Hall, Fire and Police Station – Freedom, WI	The building was designed to employ many sustainable features , such as LED lighting, regionalized stormwater treatment and reclamation, locally produced materials, and high recycled content materials.
Black River Falls Emergency Services Building – Black River Falls, WI	The building will employ many sustainable features , such as LED lighting, regionalized stormwater treatment and reclamation, locally produced materials, and high recycled content materials.
Kaukauna Fire Station – Kaukauna, WI	The design incorporates sustainable design features, which are estimated to save the City \$37,422/year in energy costs (per Focus on Energy Design Assistance NEO verification report 12/15/17). Kaukauna Fire Dept.'s new 90 kW PV array is now the largest PV system serving a fire department-owned building in Wisconsin.
Bain School Site Fire Station – Kenosha, WI	The building employs sustainable features , such as LED lighting, on-site stormwater treatment and reclamation, repurposed and salvaged materials, and locally produced and high recycled content materials.
North West Fire Station – Fitchburg, WI	The design incorporated several sustainable features and is estimated to save the City \$46,265/year in energy costs (Per Focus on Energy Design Assistance NEO verification report 11/06/17).
North East Fire Station – Fitchburg, WI	The East Station incorporates the same sustainable building and site features that the Fitchburg West station employs. Estimated annual utility savings are in the range of \$48,000.
Kaukauna Police Department and City Hall – Kaukauna, WI	LEED: Built to Silver Standard. The design incorporates geothermal heating and cooling, LED lighting, PV arrays, and local high recycled content materials.
Marshfield Fire Station – Marshfield, WI	LEED Gold
New Fire Station for Grand Forks Air Force Base – Grand Forks, ND	LEED Silver
Elkhart Lake Fire Station – Elkhart Lake, WI	LEED Silver
Eagan Fire Safety Campus – Eagan, MN	One Green Globe. The first fire station in the United States certified by the international facilities sustainability program Green Globes.
Maplewood North and South Fire Station – Maplewood, MN	Designed to meet International Green Building Code
Middleton Fire and EMS Facilities – Middleton, WI	LEED: Built to Silver Standard
Menomonie North Side Fire Station – Menomonie, WI	LEED: Built to Silver Standard
Marshfield LEED Stormwater Design Marshfield Fire and Rescue Facility – Marshfield, WI	LEED: Built to Silver Standard
Kaukauna Municipal Services Building – Kaukauna, WI	LEED: Built to Silver Standard

4.2 | Key Personnel

All staff listed below have the availability to complete the workload required for the design and construction of Fire Stations 2 and 3.

The team members depicted in the organizational chart below have been carefully selected based on the specific skills and experience necessary for the successful planning and design of new fire stations. These professionals will be dedicated to your project from start to finish and are committed to providing responsiveness and quality service every step of the way.

PROJECT ORGANIZATIONAL CHART



Camron Vollbrecht, Fire Chief

ARCHITECTURE SERVICES

Chuck Leipzig

Fire Station Operations Specialist SEH

Chad Bormann

Architectural Designer SFH

Mark Zvitkovits AIA, LEED GREEN ASSOCIATE

Architect SEH

Dan Mahoney

3D Visualization Specialist SFH

ENGINEERING/ SUPPORT SERVICES

Ben Wolf PE

Structural Engineer

Karyn Luger PLA, PE, CLARB,

Landscape Architect SEH

Kristin Petersen AICP, NCI, LEED AP®

Public Engagement Specialist SEH

Dan Hinzmann PE

Civil Engineer, Client Service Manager

Jerry Haldorson

Field Representative SFH

Brea Grace AICP, NCI

Funding Specialist SFH

SUBCONSULTANTS

Schawn Jubert WRID, LEED AP ID&C

Senior Interior Designer Atmosphere Interiors

Otto Maki PE

Mechanical/Electrical Engineer The Design Group

Derek Pollary

Mechanical Designer The Design Group

Robert Svoboda, Jr. CPE

Senior Cost Estimator CCS International

The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.



YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science Architecture University of Minnesota-Twin Cities

Associate of Science Architectural Drafting Northwest Technical Institute Eagan, MN



REGISTRATIONS/CERTIFICATIONS

Architect in WI, AR, IA, KS, MO, NC, OK, SD, TX, VA, and WA

Certified Construction Document Technologist (CDT), Construction Specifications Institute



PROFESSIONAL ASSOCIATIONS

American Institute of Architects



CONTACT

952.215.8118 bbergstrom@sehinc.com | sehinc.com



FIRE SAFETY CAMPUS EAGAN, MN

For this \$6 million, 38,000 sq. ft. new fire station, Brian worked closely with the City and staff to assist in the development of what is the first Green Globes Certified Fire Station in the State of Minnesota.

BRIAN BERGSTROM AIA, NCARB

PROJECT MANAGER, LEAD ARCHITECT | SEH

Brian will serve as the City's key point of contact, oversee the project team tasks, and closely monitor the project schedule and budget. Brian is a senior project manager with experience leading teams in a variety of architectural related projects for both public and private clients. His responsibilities include project team coordination, development, and oversight of project design, project budgets, and schedules. Project types include fire stations, police facilities, EMS buildings, city halls, libraries, public works, and parks and recreation facilities. Brian also has extensive experience in completing building condition assessments, building renovations, and adaptive reuse of existing facilities.

SELECT PROJECT EXPERIENCE

- Maplewood Fire and Police Department South Station – Maplewood, MN
- Maplewood North Fire Station – Maplewood, MN
- Maplewood Facility Assessments – Maplewood, MN
- Osceola Fire StationOsceola. WI
- Fire Hall Space Needs– Glencoe, MN
- Fire Station DesignBuffalo, MN
- Public Safety Training Tower – Buffalo, MN
- Madrid Emergency
 Services Building
 Madrid, IA
- Griswold Fire StationGriswold, IA
- Fire Station and Emergency Medical Service – Dell Rapids, SD
- Omaha Fire Station #31 – Omaha, NE
- Fire StationImprovements –Osseo, MN
- Elkhart Lake Fire StationElkhart Lake, WI

- New Fire Station #6Saint Cloud, MN
- Fire Station StudyFinlayson, MN
- Emergency Services
 Building Hoyt
 Lakes. MN
- Fire Station 4 –
 Eden Prairie, MN
- New Fire Station –
 Sauk Rapids, MN
- Emergency Services
 Building Mountain
 Lake, MN
- North Side Fire StationMenomonie, WI
- Fire Safety CampusEagan, MN
- Fire Station –
 Clear Lake, IA
- Platteville-Gilcrest New Fire Station (Platteville Gilcrest Fire Protection District) – Gilcrest, CO
- Laramie County Fire
 Districts 1 and 2 Fire
 Station (Laramie County)
 Cheyenne, WY
- Joint Fire Station/ Town Offices Building (Bennett Fire Protection District) – Bennett, CO

TREVOR FRANK AIA, LEED AP®, NCARB, PMP

PRINCIPAL IN CHARGE | SEH

Trevor will provide additional project oversight as the principal in charge for this effort. Trevor is a principal and senior architect with more than 32 years of experience in a wide variety of building types. His passion as an architect is to design public safety facilities that provide the necessary tools to properly train, respond, and live in the environments he creates.

EXPERIENCE

- Police, EMS, and Fire
 Department Space Needs
 Analysis Prairie du Chien, WI
- Police and Fire Department
 Master Planning Brillion, WI
- Fire/Police Station Needs
 Assessment and Site Analysis
 Study Rice Lake, WI
- Emergency Services BuildingBlack River Falls. WI
- Town Hall, Fire, and Police
 Station Freedom, WI
- Discovery Center-New Library and Village Hall – Osceola, WI
- North Fire Station Maplewood, MN
- o Public Safety Facility Bellevue, WI
- Bain School Site Fire Station – Kenosha. WI
- Fire and Emergency Medical Services Station Location Study – Fitchburg, WI
- o Fire Station #4 Kenosha, WI
- Oshkosh Fire Department
 Operations Analysis
 and Long-Term Needs
 Assessment Oshkosh, WI
- North East Fire Station
 Design Fitchburg, WI
- North West Fire Station
 Design Fitchburg, WI
- o Fire Station Design Kaukauna, WI
- City Hall and Police Station
 Design Kaukauna, WI
- Police Department Feasibility
 Study Kaukauna, WI

- o Fire Station #7 Kenosha, WI
- New Fire Station Schematic
 Design Greenville, WI
- Fire Station Study Verona, WI
- Fire Stations 40 and 41 Renovation and Expansion – Menasha, WI
- Elkhart Lake Fire StationElkhart Lake, WI
- Municipal Facilities
 Study Jackson, WI
- o Public Safety Facility Bellevue, WI
- Watertown Fire StationWatertown, WI
- Sheboygan Station #3
 Headquarters Master
 Planning Sheboygan, WI
- o Facility Assessment Harrison, WI
- Fire Station #2 Schematic
 Design Sheboygan, WI



Scan/click to check out construction of this Station #4 in Kenosha, Wisconsin



32
YEARS OF EXPERIENCE



EDUCATION

Master of Science Architecture University of Wisconsin-Milwaukee

Bachelor of Science Architecture University of Wisconsin-Milwaukee



REGISTRATIONS/CERTIFICATIONS

Architect in WI, AZ, FL, GA, IA, IL, IN, KY, MI, MN, NC, ND, NE, OH, RI, SD, TN. and VA

Project Management Professional (PMP), Project Management Institute

LEED AP, U.S. Green Building Council

Architect, National Council of Architectural Registration Boards



KENOSHA FIRE STATION #4 KENOSHA, WI

Trevor led the design of this new facility, adjacent to the operating fire station. Once the new facility was complete, the existing 1964 structure was removed. Architectural estimate of cost was \$9.5 million. The actual cost came in at \$9.26 million.

CHUCK LEIPZIG

FIRE STATION OPERATIONS SPECIALIST | SEH

Chuck will support the design team in the operational programming of these facilities. Chuck is a business development manager with years of emergency services and fire protection experience. Devoting his entire career to these services, he now works as an operations planner for fire station projects with SEH. With a fire department leadership background, he is able to recommend improvements to facilities that can increase efficiencies in areas from the apparatus bay and vehicle maintenance to dorms, training, and administrative areas. In addition to his experience in fire service, Chuck possesses the Occupation Safety and Health certification for construction safety management and oversight.

EXPERIENCE

- o Sheboygan Station #3 Headquarters Master Planning Sheboygan, WI
- Police, EMS, and Fire Department Space Needs Analysis Prairie du Chien. WI
- Fire Station No. 4 Kenosha, WI
- Oshkosh Fire Department Operations Analysis and Long-Term Needs Assessment – Oshkosh, WI
- Fire Department Station #4 Replacement and Memorial Park Trail Head
 Facility Appleton, WI
- Fire/Police Station Needs Assessment and Site Analysis Study Rice Lake, WI







EDUCATION

Bachelor of Science Public Administration Mount Senario College -Ladysmith, WI

Associate Fire Science Mount Senario College -Ladysmith, WI



In his role as Fire Chief, Chuck executed long-term strategic plans to add staffing, consolidate, remodel, and rebuild existing fire stations and negotiated professional service contracts with vendors and local firefighters' unions, including oversight of the build and funding procurement of two fire stations within the Kenosha Fire Department. Additionally, Chuck has completed studies in Engineering and Public Administration, and he has been the project manager of several programs.

SCOTT BLANK AIA, NCARB

QA/QC MANAGER | SEH

Scott will lead the quality management process for this effort. Scott is a senior architect/project manager with extensive experience in architectural and team leadership roles and is an accomplished design professional specializing in national-scale projects. He is a creative thinker who looks for innovative solutions in addressing project and business challenges. Scott is versed in all aspects of the project process, with a focus towards identifying process improvements related to quality control and assurance, resulting in the implementation of architecture/engineering best practices to increase execution efficiency and project cost savings for clients.

EXPERIENCE

- Osceola Fire Station Osceola, WI
- o Fire Station Design Buffalo, MN
- o Public Safety Training Tower Buffalo, MN
- Fire Stations 2 and 3 Maplewood, MN
- Maplewood Facility Assessments Maplewood, MN
- o Spirit Lake Police Department Renovation Spirit Lake, IA



36
YEARS OF EXPERIENCE



EDUCATION

Master of Architecture University of Minnesota-Twin Cities

Bachelor of Science Architecture University of Wisconsin-Milwaukee



REGISTRATIONS/CERTIFICATIONS

Architect in WI, FL, IA, IL, IN, KS, MD, MI, MN, MO, NC, ND, NJ, OH, OR, PA, RI SD, TX, and WA

Architect, National Council of Architectural Registration Boards

CHAD BORMANN

ARCHITECTURAL DESIGNER | SEH

Chad will support the architectural design of the two fire station facilities.

Chad is an architectural designer who brings experience guiding projects from initial conceptual stages through the completion of construction. He frequently works with clients to identify project requirements and develop programmatic needs, which he helps translate into technical drawings that are codecompliant, constructable, and cost-effective for clients.

EXPERIENCE

- o Red River Regional Dispatch Center Cass County, ND
- o Recreation Center Hoyt Lakes, MN
- o Recreation Area Improvements Biwabik, MN
- New School Building (Round Lake/Brewster School District #2907) Brewster, MN
- Utility Building Detroit Lakes, MN*
- Public Works Office/Shop Building Perham, MN*
- Highway Department Buildings Ottertail County, MN*



22
YEARS OF EXPERIENCE



EDUCATION

Bachelor of Architecture Minor: Construction Management North Dakota State University-Fargo

Bachelor of Science Environmental Design North Dakota State University-Fargo

^{*}Previous Employment

MARK ZVITKOVITS AIA, LEED GREEN ASSOCIATE

ARCHITECT I SEH

Mark will leverage his experience as a firefighter to help guide the programming and design of the new facilities to optimize operations.

Mark is an architect with experience in architectural design and construction documents. Mark works with multiple production platforms on a variety of building project types varying in square footage and cost. Mark's responsibilities are focused on technical development and detailing of construction drawings, as well as construction administration. He works on design calculations, as-built drawings, cost estimating, and shop drawing reviews.

Mark is a firefighter in Germantown, Wisconsin. As such, he uses that firsthand knowledge of the needs of the department and the function of the station when he works with the other design team members on the flow, layout, and efficiency of each fire station he assists with.

EXPERIENCE

- Fire Station Design Kaukauna, WI
- o North East Fire Station Design Fitchburg, WI
- o North West Fire Station Design Fitchburg, WI
- Black River Falls Emergency Services Building Black River Falls, WI
- o Bain School Site Fire Station Kenosha, WI



16
YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science Architecture University of Wisconsin-Milwaukee



REGISTRATIONS/CERTIFICATIONS

Architect in WI

LEED Green Associate, U.S. Green Building Council

Firefighter I/HazMat Ops, Lakeshore Technical College



3D VISUALIZATION SPECIALIST | SEH

Dan will develop 3D visualization documents and graphics for these fire stations. Dan is an architectural designer specializing in the development of 3D building models and rendering graphics. He has experience working on multiple public sector project types, including fire stations, city halls, libraries, and police departments. The images and building models Dan creates are vital to supporting the design process and public engagement efforts.

EXPERIENCE

- o Kenosha Fire Station No. 4 Kenosha, WI
- o Omaha Fire Station #31 Omaha, NE
- o New Fire Station #6 St. Cloud, MN
- Maplewood North Fire Station Maplewood, MN
- o New Fire Station Watertown, WI
- o Fire Station and Rescue Facility Griswold, IA
- o Fire Stations 2 and 6 Longmont, CO
- o Fenton Fire Station Fenton, IA
- Public Safety Training Tower Buffalo, MN



YEARS OF



EDUCATION

Associate of Applied Science Architectural Drafting and Design Dunwoody College of Technology -Minneapolis, MN

BEN WOLF PE

STRUCTURAL ENGINEER | SEH

Ben will lead the structural design for the facilities. Ben is a structural engineer with significant experience in structural design of buildings and other structures. Ben applies broad structural expertise and creativity to develop innovative solutions to satisfy project programming and aesthetic needs. He prioritizes providing constructive structural input early in the design process to identify realistic design parameters and cost-effective structural options to accomplish projects goals.

EXPERIENCE

- o Buffalo Fire Station and Public Safety Training Tower Buffalo, MN
- Bain School Site Fire Station Kenosha, WI
- o North East Fire Station Design Fitchburg, WI
- Fire Station Remodel and Sleeping Quarters Addition (Department of the Army) – Fort McCoy, WI
- o Freedom Town Hall, Fire and Police Station Freedom, WI
- Osceola Fire and Police Department Osceola, WI
- o Maplewood North Fire Station Maplewood, MN



28
YEARS OF EXPERIENCE



EDUCATION

Master of Science Engineering Mechanics University of Missouri-Rolla

Bachelor of Science Civil Engineering University of Missouri-Columbia



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in WI, MN, and IA

DAN HINZMANN PE, LEED AP® CIVIL ENGINEER, CLIENT SERVICE MANAGER | SEH

Dan will lead the site design for these fire stations. Dan's site design experience in the City of Superior will guide a process that both fulfills the needs of the Department while recognizing the need to meet City standards. Dan has worked on site designs that include grading, stormwater management, vehicular turning movements, ADA compliance, and construction inspection.

Dan will also serve as a liaison to the Public Works department as he is actively designing the roadway adjacent to Station 3. Through this process, Dan has begun to understand your needs at this station and your vision for the improvements.

EXPERIENCE

- o East 5th Street Reconstruction Superior, WI
- o Lift Station 3 Site Improvements Superior, WI
- Cottages of Superior Site Design Superior, WI
- o Lakehead Constructors Site Design Superior, WI
- o Dave Evans Trucking Site Design Superior, WI
- Jeff Foster Trucking Site Design Superior, WI
- Fire Stations 2 and 3 Site Design Hermantown, MN



16
YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science Civil Engineering Michigan Technological University-Houghton



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in WI and MN

LEED AP, U.S. Green Building Council

Aggregate Production, Minnesota Department of Transportation

Erosion and Stormwater Management Construction Site Manager, University of Minnesota

KRISTIN PETERSEN AICP, NCI, LEED AP® PUBLIC ENGAGEMENT SPECIALIST | SEH

Kristin will guide the public engagement process for these two stations.

Kristin is a planner and public involvement specialist with experience in architectural design, as well as community and transportation planning. Kristin's wide-ranging public involvement experience includes creating design workshop tools, facilitating public meetings, preparing online and community preference surveys, holding design charrettes and conducting workshops for clients and project stakeholders. She brings a background focused on identifying and managing community concerns and conflicts, and documenting, writing, and providing graphic design for the preparation of project planning reports.

EXPERIENCE

- o Maplewood North Fire Station Maplewood, MN
- o East 5th Street Reconstruction Superior, WI
- TH 47 Complete Streets Community Engagement and Preliminary Design (Minnesota Department of Transportation West Metropolitan District) – Minneapolis, MN
- Regional Maintenance Facility Expansion Design (Metropolitan Council Environmental Services) – Eagan, MN
- City Hall Planning Services Pine City, MN
- o Cambridge Library Cambridge, MN

BREA GRACE AICP, NCI FUNDING SPECIALIST | SEH

Brea will provide funding support for these fire station projects. Brea is an experienced urban planner, having worked in both the public and private sectors. This work has involved issues surrounding land use, economic development, the environment, and transportation, as well as engaging the public in decisions about their communities. Brea has facilitated large and small group discussions as well as public meetings and design charrettes/workshops. Having managed multiple large and small planning and infrastructure improvement projects over her career, she is a creative thinker who is passionate about helping communities find the right solutions to help bring projects to life. Brea is an adept problem solver, implementing solutions that are workable for all parties while maintaining the integrity of the original goals.

EXPERIENCE

- Fire/Police Station Needs Assessment and Site Analysis Study Rice Lake, WI
- New Well 2 Funding Strategy, Grant Applications and Administration Maiden Rock, WI
- o Surface Water Grant Application Grantsburg, WI
- o EPA Brownfield SAG Application Ashland, WI



YEARS OF EXPERIENCE



EDUCATION

Master of Architecture Pratt Institute - Brooklyn, NY

Bachelor of Arts Philosophy Creighton University - Omaha, NE



REGISTRATIONS/CERTIFICATIONS

Certified Planner, American Institute of Certified Planners

Charrette System Certified, National Charrette Institute

LEED AP, U.S. Green Building Council



25
YEARS OF EXPERIENCE



EDUCATION

Master of Science Urban and Regional Planning University of Wisconsin-Madison

Bachelor of Arts French University of Wisconsin-Stevens Point



REGISTRATIONS/CERTIFICATIONS

Soil Erosion Inspector, State of Wisconsin Department of Safety and Professional Services

Certified Planner (AICP), American Planning Association

KARYN LUGER PLA, PE, CLARB, ASLA LANDSCAPE ARCHITECT | SEH

Karyn will lead landscape design for these facilities. Karyn will lead landscape design for this facility. Karyn is a landscape architect with a varied background in schematic to detailed design for public and private projects from large to small in scope. Many of these projects are multi-faceted with goals of meeting the needs of the public and stakeholders, as well as the environment and cultural aspects. Public park, trail, streetscape, trailhead, raingarden, and architectural-based project work includes design of new spaces and improvements to existing spaces. Karyn's understanding enables the transformation of concept level design into context-aware, meaningful, creative, accessible, constructable, and enduring spaces for people and the environment.

EXPERIENCE

- o North Fire Station Maplewood, MN
- Public Safety Facility Sartell, MN
- Grand Rapids Fire Hall Grand Rapids, MN
- o Airport Terminal Design (Cheyenne Regional Airport) Cheyenne, WY
- o Boys & Girls Club Building Parshall, ND
- o New Public School Building (Belfield Public Schools) Belfield, ND



YEARS OF EXPERIENCE



EDUCATION

Master of Landscape Architecture University of Minnesota-Twin Cities, College of Design

Bachelor of Science Geological Engineering and Geology University of Wisconsin-Madison



REGISTRATIONS/CERTIFICATIONS

Landscape Architect in WI, MN, and NE

Professional Engineer in MN

Certified Landscape Architect, Council of Landscape Architectural Registration Boards (CLARB)

JERRY HALDORSON FIELD REPRESENTATIVE | SEH

Jerry will provide representation in the field for these projects. Jerry is a technician with extensive experience in civil design and construction administration. His experience includes work as a construction inspector, an instrument man, survey technician, crew chief, and draftsman. Jerry has been responsible for on-site inspection for multiple building and infrastructure efforts, including on several City of Superior projects. For this project, Jerry will perform on-site observation during construction activities.

EXPERIENCE

- o F Avenue Improvements Superior, WI
- o Winter Street Industrial Park Superior, WI
- o 23rd Avenue East Reconstruction Superior, WI
- o Lift Station 4 and Force Main Replacement Superior, WI
- Lamborn Street Water Tower and Street/Utility Extensions Superior, WI
- Billings Park Improvements Superior, WI



32
YEARS OF EXPERIENCE



EDUCATION

Associate of Arts Civil Engineering Technology St. Cloud Area Vocational Technical Institute - St. Cloud, MN



REGISTRATIONS/CERTIFICATIONS

Erosion and Stormwater Management Construction Site Manager, University of Minnesota

Construction Site Management, University of Minnesota

SCHAWN JUBERT WRID LEED AP ID&C SENIOR INTERIOR DESIGNER | ATMOSPHERE INTERIORS

Schawn will be the lead interior designer for both stations. Schawn is a professional commercial interior designer with experience in the commercial furniture and design industry. She assists clients in understanding how people with a purpose can work effectively in their work environment. Schawn makes it a priority to stay current on new product innovations and strives to apply these products to all design opportunities. Schawn is a team player and looks forward to the next creative challenge.

EXPERIENCE

- Freedom Town Hall, Fire, and Police Station Freedom, WI
- North Fire Station Maplewood, MN
- o Watertown Fire Station Watertown, WI
- Regional Training Facility Oshkosh, WI
- Public Works Facility Ripon, WI
- Village Hall Expansion Bellevue, WI
- o West Office Facility 2 Interior Renovations (Kimberly Clark) Neenah, WI
- Green Bay Water Utility Office Renovation/Expansion Green Bay, WI



30
YEARS OF EXPERIENCE



EDUCATION

Bachelor of Arts Interior Design University of Wisconsin-Stevens Point



REGISTRATIONS/CERTIFICATIONS

Certified Leadership in Energy and Environmental Design with ID&C

OTTO MAKI PE

MECHANICAL/ELECTRICAL ENGINEER | THE DESIGN GROUP

Otto will lead the design of mechanical and electrical systems for the facilities. Otto has vast experience in the design of mechanical and electrical systems, from project inception through completion. His experience includes responsibility for mechanical and electrical design through construction administration phases for mechanical and electrical systems (i.e., HVAC systems, building plumbing systems, control systems, well and pumping systems, power distribution, and lighting layout and design) in both new and remodeled buildings.

EXPERIENCE

- Hoyt Lakes Emergency Services Building Hoyt Lakes, MN
- o Buffalo Fire Station and Public Safety Training Tower Buffalo, MN
- Fire Station and Emergency Medical Service Dell Rapids, SD
- o Missouri Valley Ambulance Facility Chamberlain, SD
- North Fire Station Maplewood, MN



30
YEARS OF



EDUCATION

Bachelor of Science Mechanical Engineering University of North Dakota -Grand Forks



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in WI, MN, ND, and SD

DEREK POLLARY

MECHANICAL DESIGNER | THE DESIGN GROUP

Derek will be responsible for development of mechanical HVAC and plumbing system design documents, including plans, specifications, and engineering calculations. Derek's responsibilities for The Design Group include commercial, public, and private projects. This work consists of complete mechanical systems design for new buildings and remodeling projects, including schools, offices, institutional facilities, hospitality, and medical facilities. His work also includes project supervisory responsibilities, mechanical design, HVAC systems, building plumbing systems, and energy efficiency.

EXPERIENCE

- o North Fire Station Maplewood, MN
- o Buffalo Fire Station and Public Safety Training Tower Buffalo, MN
- Minnesota Diversified Industries Warehouse and Production Facility Hibbing, MN
- o Heliene Production and Office Facility Improvements Mountain Iron, MN
- o Bioverse Warehouse and Office Facility Worthington, MN
- o Merck Animal Health Loading Dock Addition Worthington, MN
- o Prairie Holdings Warehouse Building Worthington, MN



YEARS OF EXPERIENCE



EDUCATION

Electronics/Satellite Communications Degree Community College of the Air Force -Biloxi, MS

Computer Aided Drafting and Design Technology Hibbing Community College - Hibbing, MN

ROBERT SVOBODA, JR. CPE SENIOR COST ESTIMATOR | CCS

Robert will perform the cost estimating services for Fire Stations 2 and 3. A senior cost manager in the architectural, structural, and civil disciplines, Robert routinely conducts quantity take offs, obtains market pricing, reviews plans and specifications, conducts change order reviews, and participates in value engineering exercises. With a broad knowledge of estimating practices and extensive knowledge of market pricing and pricing sources, he has a strong knowledge base for handling complex projects of all types and sizes nationwide. Robert is often asked to prepare comparative cost estimates of alternative construction methods and materials, making suggestions for the most effective course of action.

EXPERIENCE

- o Chicago Fire Department Engine Company 115 Chicago, IL
- Downers Grove Fire Station #2 and Administrative Office Building Downers Grove, IL
- Great Lakes Naval Station Personal Protective Equipment Room Great Lakes, IL
- o Lake Zurich Fire Station Facility Condition Assessment Lake Zurich, IL



36
YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science Business Administration St. Norbert College - DePere, WI



REGISTRATIONS/CERTIFICATIONS

Certified Professional Estimator

4.3 | Fire Station Experience

Our fire station and public safety projects can be found throughout the country. Many are award winning for construction, sustainability, and project of the year. This section will expand on our overall experience below, fire station projects that are in progress, and some of our more relevant projects within the last five years.



FIRE STATION PROJECTS IN PROGRESS

- Montrose Fire Building Montrose, CO
- o Fire Station 13 Denver, CO
- Fire Station 28 Repair Denver, CO
- Fire Station #2 Durango, CO
- Durango Fire Station #2 Durango, CO
- o Fire Station Griswold, IA
- Old Fire Station Hudson, WI
- o Fire Stations 2 and 6 Longmont, CO
- Fire Admin Office Space Lynchburg, VA
- o Fire Station Hood Replacement Lynchburg, VA
- o Fire Stations 2-6 Study Lynchburg, VA
- o Fire Station #53 Omaha, NE
- o Liberty University Fire Station Lynchburg, VA
- Fire Station 5 Renovation Lynchburg, VA
- Marshall Fire Rebuild Boulder. CO

- Police and Fire Station Rocky Ford, CO
- Fire Station Phase II Silverthorne, CO
- Fire Station St. Cloud, MN
- Springville Fire Station Springville, VA
- Fire Station #5 Design Telluride, CO
- Placerville Fire Station Telluride, CO
- Blackduck Firehall McGregor, MN
- Burn Tower Fire Rescue Fort McCoy, WI
- Watertown Fire Station Watertown, WI
- Fire Hall Re-Roof Whitehall, WI
- Fire Station 31 Renovation Neenah, WI
- Public Safety Building Prairie du Chien, WI
- Fire Station Little Chute, WI
- Fire Training Facility Oshkosh, WI
- Fire Station Operations Study Onalaska, WI

STAYING WITHIN BUDGET

At SEH, we have found that estimating the project at critical milestones is the best way to maintain the project budget and drive decision making throughout the process. Completing the estimating exercise at each stage of design makes sure the project is within budget at the time the project is bid. We have been very successful managing project budgets and avoiding the surprise of having the project bid, only to find the cost exceeds the budget.

Please see the list of projects below and their respective budgets compared to actual project costs.

Project	Location	Estimated	Actual	Difference
Kaukauna Fire Station	Kaukauna, WI	\$6,770,000	\$6,600,000	(\$170,000) 2.5%
Freedom Town Hall, Fire and Police Station	Freedom, WI	\$8,700,000	\$8,300,000	(\$400,000) 4.8%
North East Fire Station	Fitchburg, WI	\$6,500,000	\$6,400,000	(\$100,000) 1.5%
North West Fire Station	Fitchburg, WI	\$5,500,000	\$5,100,000	(\$400,000) 7.8%
Bain School Fire Station	Kenosha, WI	\$7,000,000	\$6,600,000	(\$400,000) 6.0%
Kaukauna Police and City Hall	Kaukauna, WI	\$8,000,000	\$7,595,000	(\$405,000) 5.3%
Kenosha Fire Station No. 4	Kenosha, WI	\$9,500,000	\$9,269,900	(\$230,100) 2.5%
Maplewood Fire Station	Maplewood, MN	\$9,270,000	\$8,892,000	(\$378,000) 4.1%
Buffalo Fire Station	Buffalo, MN	\$6,800,000	\$6,500,000	(\$300,000) 4.4%
Fire Stations #2 and #6	Greeley, CO	\$11,460,000	\$11,690,000	(\$230,000) +1.9%

STAYING ON SCHEDULE

Equally as important to staying within budget is staying on schedule. SEH staff chosen for this project have the availability and are committed to completing the project according to the established timeline. A more detailed, proposed schedule has been outlined in this proposal and we have staffed accordingly. Please see the list of projects below and SEH's staff demonstrated ability to meet or exceed timeline requirements.

		De	sign	Const	ruction
Project	Location	Estimated	Actual	Estimated	Actual
Kaukauna Fire Station	Kaukauna, WI	03/2016	02/2016	12/2017	11/2017
North East Fire Station	Fitchburg, WI	02/2018	02/2018	06/2019	06/2019
North West Fire Station	Fitchburg, WI	02/2018	02/2018	06/2019	06/2019
Bain School Fire Station	Kenosha, WI	03/2018	02/2018	05/2019	05/2019
Kaukauna Police and City Hall	Kaukauna, WI	06/2019	03/2019	07/2021	07/2021
Kenosha Fire Station No. 4	Kenosha, WI	03/2021	03/2021	05/2022	05/2022
Maplewood Fire Station	Maplewood, MN	03/2021	03/2021	06/2022	06/2022
Buffalo Fire Station	Buffalo, MN	03/2020	03/2020	08/2021	06/2022
Fire Stations #2 and #6	Greeley, CO	11/2019	11/2019	09/2020	09/2020



For 100% of the projects listed above, the design was completed either early or on time, and 90% of those same projects were also constructed under the estimated budget.

NORTH FIRE STATION

MAPLEWOOD, MINNESOTA



In order to provide the highest quality emergency services to the community, the City of Maplewood made the decision to replace the existing North Fire Station facility with a modern facility that supports their current needs and accommodates long-term growth. The new 35,000 sq. ft. North Fire Station promotes firefighter safety, operational efficiency, community inclusiveness, and sustainability.

The facility serves as the fire and EMS department headquarters with offices, meeting rooms, and command vehicle parking spaces. The two-story fire station building includes seven drive-through apparatus bays to house the current department fleet, along with room for future expansion. The facility also includes decontamination spaces with showers and a space for "dirty" gear that prevents cross contamination. The new station includes a laundry/work room, clean turn out gear room, radio room, fitness room, day room, kitchen, and dormitory spaces.

The project incorporated a large community gathering room with two break-out spaces and a kitchenette to provide residents a place to gather, as well as support the department's training program.

SUSTAINABLE DESIGN FEATURES

- Designed to meet International Green Construction Code (IGCC)
- LED lighting
- o High efficiency HVAC systems
- o Regionally sourced materials
- o Reduced construction waste by 75%

SEH has a long relationship with the City of Maplewood and has completed several projects, including the North, East, and South Stations, as well as their live burn and training tower facility.

CLIENT CONTACT

City of Maplewood Chief Michael Mondor 651.249.2800 michael.mondor@maplewoodmn.gov

COMPLETION DATE

06/2022





NEW FIRE STATION

BUFFALO, MINNESOTA



The new Buffalo Fire Station design focuses on operational efficiency, first responder safety, and future growth for the department and community's needs. The 30,000 sq. ft., \$6.4 million, three-story fire station building will provide six drive-through apparatus bays to house the current department fleet, along with room for future expansion.

A decontamination room directly off the apparatus bay provides a decon shower area and space for "dirty" gear that is separated from the remainder of the facility to prevent cross contamination. The building also includes a laundry and work room, hose drying tower, clean turn-out gear room, large training room, and radio room. On the second level are administration offices, a fitness room, dayroom, and dormitory spaces that will allow to department to grow into a full time or duty-crew facility in the future. Design also included a storage mezzanine and a 5,000 sq. ft. basement area that will provide storage for the Fire Department and the City.

CLIENT CONTACT

City of Buffalo Chief John Harnois 612.685.7490 john.harnois@ci.buffalo.mn.us

COMPLETION DATE

04/2022

FEATURES

- o Six drive-through apparatus bays
- Vehicle wash bay
- Hose tower
- Laundry/work room
- o Decontamination/dirty gear room
- o Large training room
- o Fitness room
- $\circ \quad \text{Day room with kitchen}$

- o Four dorm rooms
- Offices
- o Storage mezzanine



This new fire station in Buffalo replaced a 60-year-old fire station that hadn't undergone any renovations or major improvements since its construction. It prioritizes safety, training and development, and faster response times.



FIRE STATIONS #2 AND #6

GREELEY, COLORADO



SEH provided the design for **Fire Station #2**, which is a complete redesign and demolition of the existing 60-year-old facility. The new Fire Station #2 is 12,800 sq. ft. and houses 18 personnel. Fire Station #2 required a careful orchestration of multiple project phases to help ensure the existing station would remain operational and accessible while the new facilities were being constructed.

One important design trend is to isolate potential contaminants away from living and office functions. The decon room, where contaminated gear is washed, and the bunker gear storage room are on the opposite side of the apparatus bays from living quarters. Further isolation is achieved through mechanical means by isolating the HVAC systems that service these areas and providing vestibules at entrances to the living quarters.



Due to growth in the area, the City of Greeley selected SEH to design **Fire Station #6**, a brand new 18,100 sq. ft. facility that houses 33 crew members, an engine company, a ladder company, battalion chief, and an ambulance.

This station also includes a 900 sq. ft. police substation that can be expanded to 3,000 sq. ft. The substation shares functions with fire such as restrooms and the training/community room. Gear contamination is also addressed in the station through physical isolation away from living quarters and mechanical separation. Fire Station #6 is also home to the City of Greeley backup Data Center.

CLIENT CONTACT

City of Greeley Chief Dale Lyman 970.350.9500 dale.lyman@greeleygov.com

COMPLETION DATE

Fire Station #2: 08/2020 Fire Station #6: 09/2020

77/7

I would like to commend the SEH team...for the professionalism, expertise, and leadership that was provided during this project... SEH would certainly be a firm that we would consider working with on future projects.

DALE LYMAN, CFPS | FIRE CHIEF

FIRE STATION #7

ST. CLOUD, MINNESOTA



SEH is assisting the City of St. Cloud with the programming and site development planning of the future Fire Station #7. The future station is being developed to support growth within the City and maintain a high level of service to the community. The design of Station #7 focuses on creating spaces that promote firefighter safety and well-being, as well as efficiency and durability. A focus was placed on creating a layout that would minimize turnout times while maximizing separation of spaces to create hot, warm, and cool zones. The design includes three drive-through apparatus bays with support spaces. Decontamination and laundry facilities with clean gear storage areas, eight individual bunk rooms, a day room, a kitchen, and a fitness center are also included in the design to promote overall well-being of the users.

FEATURES

- o Three drive-through apparatus bays
- Hose drying tower
- Decontamination and laundry facilities
- o Eight bunk rooms
- o Day room
- o Kitchen with indoor and outdoor dining spaces
- o Fitness center
- o Administration offices and meeting spaces



CLIENT CONTACT

City of St. Cloud Chief Matt Love 320.650.3510 Matt.Love@ci.stcloud.mn.us

COMPLETION DATE

In progress





SPRINGVILLE FIRE STATION

SPRINGVILLE, VIRGINIA



SEH is currently in the preliminary design phase of delivering a much-needed fire station in Springville, Virginia. The new 6,435 sq. ft. station will incorporate three apparatus bays and accommodations for full-time and volunteer staff. SEH provided value engineering services to determine the initial cost of incorporating a pre-engineered metal building for the station's apparatus bay. The station will incorporate best practices for gender accommodations, cancer prevention, training, and emergency operations. Tazewell County is currently working on their financial proforma for funding the station, which includes grant assistance through USDA and fundraising by private donations. The project will be bid in summer of 2025 to finish in 2026.

CLIENT CONTACT

Tazewell County C. Eric Young, Esq., Tazewell County Administrator 276.385.1208

COMPLETION DATE

In progress

ODD FELLOWS ROAD FIRE STATION #9 (LIBERTY UNIVERSITY CAMPUS)

LYNCHBURG, VIRGINIA



The City of Lynchburg is providing apparatus and staffing as part of a partnership with Liberty University and needed an on-site station. SEH is currently in the design development stages of delivering the design for a 17,398 sq. ft., three apparatus bay station on the campus of Liberty University in Lynchburg. The station location was selected in order to provide improved response time to parts of Lynchburg, as well as be a primary response station for emergency response on the university campus. The station will incorporate best practices for gender accommodations, cancer prevention, training, and emergency operations. The project will bid in late spring 2025 with a completion date of early summer 2026.

CLIENT CONTACTS

Liberty University
Dan Deter, Facilities
Director – Planning/Construction
434.592.4172

Lynchburg Fire Department Chief Greg Wormser 434.455.6345

COMPLETION DATE

In progress

4.4 | Project Approach

The SEH team has reviewed the proposed scope of work in detail, and we are excited for the opportunity to work with City and Fire staff on this project. Based on your goals, as well as our similar experience, we have developed a proven approach we will apply for this effort, which is outlined below and on the pages to follow.

UNDERSTANDING AND APPROACH

PROJECT UNDERSTANDING

SEH seeks to assist the City of Superior on the proposed Fire Station 2 and 3 projects. With emergency services and municipal buildings comprising most of the work that we complete, we are uniquely qualified to take on this effort and are eager to get started on your behalf.

The decision has been made to replace Fire Stations 2 and 3 on newly selected sites to allow both existing stations to remain operational until the new facilities are ready to be brought into service.

- Station 2. Based on the preliminary planning already completed, the City has identified the need for a singlestory, approximately 17,000 sq. ft. building for Station 2.
 Once the new station is operational, the existing station will be repurposed for other City functions.
- Station 3. This will also be a single-story building and will include approximate 9,700 sq. ft. of space. Once this facility is complete and the Fire Department has moved their operations, the existing Station 3 building will be demolished.

The project must provide modern, efficient, sustainable, safe, and secure facilities for fire staff while also creating a sense of civic pride. The initial planning process will confirm the facility's needs, evaluate the site options, and provide support to the City to keep the council and public engaged and informed in the process.

PARTNERSHIP APPROACH TO FIRE STATION DESIGN

It is important to create a strong partnership in the early stages of planning a future fire station. Our process pulls together highly technical professionals with representatives from the Fire Department, the City, and the design team who will work on your project from start

to finish. The experience and professional credibility that our team brings to each project will help garner the support and respect of the City leaders, residents, and stakeholders. We are working with several other communities on similar efforts, and we understand the work involved and the process for successfully getting these projects completed. This work is focused on delivering 21st century facilities that solve today's complex issues within fire service through our full-service design approach – all while fulfilling state, federal, and industry standards and regulations.

The experience and professional credibility that our team brings to each project will help garner the support and respect of the City leaders, residents, and stakeholders.

DESIGN CONSIDERATIONS

The design strategy for the fire stations our team designs revolves around the core principles of achieving consensus and maintaining operational excellence. We work closely with our clients and stakeholders to create a shared vision and a functional solution that meets their needs and expectations. Below are a few of the key elements our team will strive to incorporate into your new stations.

1 EMPHASIS ON WELLNESS AND SAFETY

We focus on developing facilities that provide layouts that include hot-warm-cold zones, decontamination space, fitness areas, and access to daylighting and outdoor spaces to enhance the general well-being by designing features that allow for separate work and rehabilitation areas. This is important to preventing and mitigating exposure to harmful cancer-causing contaminants and prioritizing the safety and mental wellness of your personnel.

2 OPTIMIZED OPERATIONAL EFFICIENCY

Our team will draw on our extensive experience to determine layouts and floor plans that enable your staff to thrive in these new spaces. With a wide range of uses that may go into these types of facilities, including training spaces, equipment storage, living spaces, fire apparatus and support spaces, and much more, we'll hit the ground running with our industry knowledge and understanding of your needs.

3 FUTURE-PROOFING YOUR FACILITY

Recruitment and retention pose a big challenge for the public safety industry. To accommodate an ever-changing workforce as those serving the community becomes more diverse, we will design restrooms and sleeping quarters that can be easily reconfigured to keep up with the changing composition of your staff. We've successfully incorporated these types of flexible facilities in many of our station designs and are prepared to continue exploring opportunities for gender neutral and flexible design for your fire stations.

4 TECHNOLOGY

Technology plays a big role in any new modern fire station project. There is a seemingly endless list of low voltage systems such as door access controls, CCTV, wireless access points, communications and radio systems, and station alerting that all play a significant role in the day-to-day operations. Our team understands the intricacies and details of each of these systems and the infrastructure needed to bring them to life. Our team's electrical engineering partner, The Design Group, has been involved in the design of public safety facilities across the Midwest, most recently partnering with the SEH team on the design of the North Fire Station for the City of Maplewood, Minnesota, where they coordinated the low voltage systems and infrastructure design.

5 SUSTAINABILITY AND RESILIENCE

Designing a resilient fire station building focuses on creating structures that are not only functional and safe for firefighters but also environmentally responsible, durable, and cost-effective. A key aspect of sustainable design is the incorporation of technologies and materials that reduce the building's environmental impact, lower operational costs, and withstand the harsh northern Wisconsin climate. Our team brings a holistic approach to sustainable design that incorporates the use of low-maintenance, durable, and locally sourced materials, creative solutions to reduce energy use, and the development of healthy indoor environments with natural daylighting and low VOC finishes. No matter

what your overall sustainable objectives are – from incorporating best practices to documenting and achieving certification from one of the many sustainable programs available – our team comes prepared with the experience necessary to deliver.

A key aspect of sustainable design is the incorporation of technologies and materials that reduce the building's environmental impact, lower operational costs, and withstand the harsh northern Wisconsin climate.

CONCEPT DESIGN REVIEW

We recognize that the City and Fire Department have already put valuable time and resources into the development of a concept design for both Station 2 and Station 3, and our approach aims to retain the maximum value of the work completed while incorporating best practice standards to improve functionality, efficiency, and firefighter wellbeing.

The SEH team's approach to planning and designing your stations begins with a comprehensive review of the work completed to date, followed by discussions and recommendations to help ensure you have explored and vetted the various options and best practice standards available. We will lead interactive design discussions with your team to gain insight into your specific challenges, needs, and anticipated future growth. Throughout this process, we will make recommendations to incorporate best practice solutions to improve the operational efficiencies, promote firefighter wellbeing, minimize turnout times, and incorporate sustainable solutions that will ultimately provide fire station facilities that will serve your community in the best ways possible for many years to come.

While we are working through the building design layouts and options, our civil and site design team, led by **Dan Hinzmann**, will be reviewing the site survey, geotechnical data, and concept site layouts to provide recommendations for site improvements. We will share our recent knowledge on similar fire station facilities and discuss how we approached complex issues such as site access, accommodating safe apparatus ingress and egress, traffic management, and stormwater solutions. In all cases, we are prepared to share the latest trends in the field of fire station building and site design that incorporate best practices for firefighter safety and well-being.

O COMMUNICATION

Your project manager, **Brian Bergstrom** has a primary responsibility to make sure that all comments and concerns expressed on your behalf are communicated to and properly addressed by the SEH team.

Brian will serve as your project representative for issues associated with the project and will be available to meet in person with you at critical milestones throughout the project. Brian is responsible for identifying your needs and assisting in the successful development and delivery of your project. He will regularly communicate and interface with the service delivery team and your staff and decision makers in order to help ensure effective, proactive, two-way communication.

2 CONSENSUS BUILDING

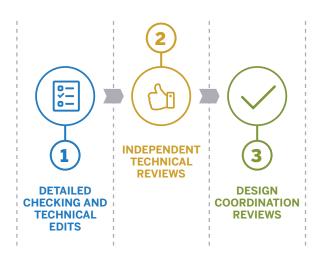
The consultant plays a key role in consensus building among the team members. As project manager and key client contact, Brian will lead discussions about the importance of developing a design and plan that all project team members and the community can embrace. Soliciting input and feedback is the best way for all members of the team to feel integrated and understand they are part of the project process and the outcomes developed. Methods for consensus building include individual and specific assignments that members of the project team take away from the meetings and complete in order to present them to the rest of the team at future meetings. This method of engagement informs the entire design team and builds commitment to the cause.

The SEH team builds consensus-driven decision making into all of the projects we design. Our most recent example of getting stakeholder input to build consensus and commitment can be seen in the public outreach and programming of the fire station in Buffalo, Minnesota. We encourage you to contact the Fire Chief (listed in the project references) to discuss our approach to consensus formed design.

OUALITY CONTROL

A quality control plan (QC) is one of the most important parts of any successful project. The QC plan defines the steps necessary to minimize and mitigate project risks. Drawing upon our team's vast experience, we understand these risks and how they can affect the success of this effort. Together with you, we will define the risks as well as appropriate QC measures that can be utilized along the way to reduce or eliminate their effects on project schedules, budgets, energy efficiency, operational efficiency, etc.

As a standard on all of our public building projects, SEH will incorporate a **quality management process** into the design documents to help ensure the quality and accuracy of plans prior to submitting them for bidding and construction. This process incorporates quality management reviews by staff with numerous years of experience on similar projects to accurately evaluate the project each step of the way. As such, SEH will assign **Scott Blank**, senior architect, to **provide periodic reviews at the 30, 60, and 90 percent complete milestones** to help ensure our team is developing high quality deliverables throughout the progress of the project design.



COST CONTROL

To minimize the difference between your projects' estimated costs and final actual costs, we start the cost-estimating process during the concept design phase. Once building needs have been established and space requirements generated, CCS will provide an estimate based on schematic building and site plans. As the project design develops, Robert Svoboda from CCS further defines the project's cost by becoming more directly involved in estimating the type and amount of materials and systems.

Our team will provide detailed cost estimates at the 60% and 90% complete milestones to verify the project stays within the set budget and to allow flexibility to make adjustments prior to the bidding phase. This process minimizes, if not eliminates, unpleasant cost overrun surprises when your projects are bid. Our team will also suggest cost control measures along the way such as having add or deduct alternates as part of the bid documents, enabling flexibility on bid day.

FUNDING

Our team has helped Wisconsin communities successfully obtain grants and principal forgiveness loans for firefighters. We work with FEMA Assistance to Firefighters Grants to help pay for equipment and HUD to help pay for public facilities like fire stations. Our team will investigate potential funding sources that this project may be eligible to apply for.

The City of Kenosha qualified for a HUD grant to construct a new fire station in a blighted part of their downtown. SEH assisted the City with administering that grant by following strict guidelines for the use and dispersion of the HUD funds. This meant following federal laws to properly specify materials and track labor charges throughout the course of design and construction. The design team worked with the Community Development Department at the City of Kenosha to closely track the requirements of the grant and confirm compliance so as to not jeopardize the funding.

FUNDING SOURCES

- o FEMA Grants for firefighter equipment
- HUD, DOA, DEHCR Planning and construction grants for public facilities
- Private Donors

PUBLIC ENGAGEMENT

In anticipation of the varying involvement needs and resources for the project, public engagement specialist **Kristin Petersen** will work with the design team and project stakeholders to develop a **Community Engagement/Education Plan** specifically for your projects. During the initial project kickoff meeting, we will define the intervals and desired input the City would like from the public.



VALUE ADD: PUBLIC ENGAGEMENT EXPERTISE

We have experience incorporating the input of the public and community stakeholders in our designs. An example of a successful project where the public's opinion was gathered using renderings of different color schemes and design elements can be seen in Castle Rock Fire Station #152 for the community of Castle Rock. Colorado.

CASTLE ROCK FIRE STATION #152 CASTLE ROCK, CO





SEH

IN DEPTH

Scan/click to check out how SEH incorporated engagement strategies in Fire Station #152. Our team will help develop a strategy and tools to engage the public and provide materials such as **rendered building plans**, **elevations**, **and 3D images** of the proposed facilities to help facilitate the engagement process. We have also successfully provided support in development of social media messaging, project web sites with regular updates, and facilitating public meetings and open houses to educate the public on the project and gather feedback for stakeholder consideration.

WORK PLAN/SCOPE OF WORK

Based on our understanding of the Fire Station 2 and 3 projects, we will move forward with the following work plan.

PROJECT KICKOFF MEETING

With all key team members in attendance, we will:

- Make introductions
- Discuss roles and responsibilities
- Understand decision-making process
- o Discuss schedule and tasks to be completed
- Discuss budget and potential funding sources

PHASE **1** – CONCEPT DESIGN REVIEW (ALL DISCIPLINES)

During Phase 1, SEH will:

- Develop strategy/schedule and workflow with design team and City
- Conduct a review of the already completed concept designs for Stations 2 and 3 for the City of Superior Fire Department as part of their background for the project planning
- Lead design workshops for both Stations 2 and 3
 using industry standards, project experience, and input
 from Fire Department staff to confirm the building
 program and conceptual designs; provide feedback
 and recommendations for modification to the concept
 designs for consideration by the City
- Facilitate meetings with Fire Department staff as needed to develop basic components and planning of the buildings, including selection of mechanical and electrical systems and low voltage equipment
- Review previously completed site survey and geotechnical data
- Evaluate the selected sites and proposed concept layouts, including review of the buildings' locations, apparatus access and turning movements, parking,

- utilities, and stormwater management; provide recommendations for consideration by the City
- Make recommendations regarding sustainable options to consider in the construction of the new stations
- Create and provide schematic site plans, building elevations, and 3D renderings to support the design and site selection process
- Make recommendations regarding alternative materials, construction methods, or design features that offer potential cost savings while meeting desired quality standards
- Work with the City to develop an appropriate public engagement strategy and provide drawings and images to support the process
- Develop a schematic level estimate of probable cost at the completion of the schematic design phase
- Once the City Council has accepted the recommended conceptual design as outlined here within Phase 1, proceed to the next part of Phase 2 – Detailed Design

PHASE 2 – DETAIL DESIGN (ALL DISCIPLINES)

Prior to this phase, the team will review and revise any information that was gathered during the City Council review and presentation.

Then our team will:

- Refine building materials, systems, and enhanced functional and operational adjacencies by integrating stakeholders' input responding to environmental, life cycle cost, security issues, budget, and schedule considerations
- Gain approval of the schematic design and develop construction documents with consideration of sustainability, life cycle maintenance and durability, phasing, budget, schedule, and constructability
- Prepare all construction documents, civil engineering plans, specifications, and final timelines for completion of the projects
- Attend all applicable public meetings associated with the review and approval of the proposed design and prepare 3D images of the buildings for review and presentations
- Once the City Council has accepted the recommended final design as outlined here within Phase 2, proceed to Phase 3 – Bidding and Construction

PHASE 3 - BIDDING (ALL DISCIPLINES)

Upon approval of detail design documents, the SEH team will assist the City of Superior with administering the public bidding process with qualified contractors. For this phase, we will:

- Prepare all the bid documents and technical specifications suitable for public bidding according to applicable standards
- Coordinate with the City and Fire Department staff to incorporate appropriate front-end and procurement documents into the specifications package to meet the City's requirements
- Respond to all questions posed by prospective bidders during the construction bid process
- Prepare and distribute any necessary addenda, distribute plans and bid documents, and keep a record of the plan holder's list
- Attend a pre-bid conference to inform bidding contractors of the details regarding the bid process
- Lead the public bid opening and review and tabulate the bids
- Make a recommendation to the City on bid award considering their evaluation of the bids based on bidders' qualifications, compliance with bid requirements, and price

PHASE 4 - PERMITTING

- Submit permitting plans, specifications and calucations to permitting authorities
- Respond to questions and provide additional information to permitting authority as requested

PHASE 6 - CONSTRUCTION ADMINISTRATION (ALL DISCIPLINES)

For both stations, we will lead construction administration. During this process, Jerry Haldorson will serve as the field representative and will be backed by the full architecture and engineering team. As part of this phase, we will:

- Review shop drawings and material submittals
- Respond to contractor questions/RFIs throughout the construction process
- Attend bi-weekly construction meetings and site observations
- Provide any design clarifications as needed
- Assist with project closeout
- Conduct final walk-through reviews and develop a punch list
- o Assist with commissioning and training
- Generate final record drawings, based on as-built documentation from contractor
- Attend 11-month warranty walk through following construction completion

77

SEH does not prioritize building fire stations. What they do is build relationships. They are customer focused and partner with a Fire Chief to make sure to arrive at the best possible recommendations and outcomes for the community. I was very impressed on how they were more concerned about building trust than building new stations.

MIKE STANLEY | FIRE CHIEF, CITY OF OSHKOSH

PROPOSED SCHEDULE



	202	4					20	25											20	26						2	2027			
TASK/DELIVERABLE	N	D J	F	М	A	M	J	J	A	s	0	N	D	J	F	М	A	M	J	J	A	S	0	N	D	J	F	М	A	١
Fire Station 2 and 3 - Construc	ction S	tart I	March	1 20	26																									
Pre-Design	X >																													
Schematic Design																														
Design Development																														
Construction Documents																														
Permitting																														
Bidding																														
Construction																														
Preconstruction/Mobilize																														
Footing/Foundation																														
Building Shell																														
Interior Fitout																														
Project Closeout																														
ire Station 3 – Existing Buildi	ng Ren	noval																												
Design																														
Permitting																														
Bidding																														
Demolition/Site Refurbishing	g																													

KEY

- ★ Award
- Review, Permit, Approval
- ★ Construction Start
- Duration

4.5 Subconsultants

The SEH team frequently collaborates with our subconsultant partners on fire station design projects, and, together, we will seamlessly design these stations to meet the demands of your department and community.







THE DESIGN GROUP, INC.

The Design Group was formed with the philosophy of combining all of the team members' talents to form an experienced group of engineers and designers. The Design Group provides a wide range of mechanical/ electrical engineering design services to its clients. Engineers and designers work closely with the client to determine the best system for their needs. Energy efficiency plays a major role in decisions, providing the client with the best long-term solution for their needs. They work on full-service projects and also provide specialized engineering services and with their licensed mechanical and electrical engineers and design services, they are ready for any project.

The **Design Group has been a WBE for 10 years** in Minnesota and their status for WBE in Wisconsin is currently pending.

CONTACT

331 6th Ave. SW Chisholm, MN 55719 218.262.1959 | thedgroup.org

ATMOSPHERE COMMERCIAL INTERIORS

Atmosphere Commercial Interiors is committed to fostering long-term business relationships. Their focus on innovative and inspired solutions guides their partnerships with architecture and design, real estate and development, and technology industries.

Since 1953, Atmosphere has focused on providing **commercial furnishings**, **architectural products**, **and services** to help ensure the best fit, finish and prices for spaces tailored to the needs of people and their business. Today, with eight locations in four states, they are deeply embedded in their communities and passionate about working with teams of every type to deliver smart and effective space solutions.

CONTACT

81 S. 9th Street Suite 450 Minneapolis, MN 55402 612.343.0868 | atmosphereci.com

CCS INTERNATIONAL, INC.

CCS provides **objective cost estimating, cost management,** and
capital project management at all
project phases from initial conception
through design, construction
and occupancy.

Value for money is at their core. They are engaged and proactive throughout the process. They advocate an intelligent, resourceful, and creative approach to overcoming barriers to project success. They interpret issues for our clients, provide fact-based expert guidance, maintain project motion, and create value.

CONTACT

1815 S. Meyers Road, Suite 1070 Oakbrook Terrace, IL 60181 630.678.0808 | ccsdifference.com

6. SubConsultants Listing (Must be submitted with Qualifications.)

SUBCONSULTANT

Fire Stations 2 and 3

The undersigned agrees to employ the following listed **subConsultants** for the following enumerated classes of work and not to alter or add to such list without the written consent of the City of Superior, WI. Use separate sheet as necessary.

CLASS OF WORK

1)	The Design Group, Inc.	Mechanical/Electrical Engineering
2)	Atmosphere Interiors	Interior Design Services
3)	CCS International, Inc.	Cost Estimating Services
4)		
5)		
Submitted by:	COMPANY Short Elliott H	Hendrickson Inc. (SEH®)
•	ADDRESS 418 West Supe	erior Street, Duluth, MN 55802
	COMPANY REPRESENTA	$_{ m ATIVE}$ Brian Bergstrom, Project Manager

4.6 | Statement of Qualifications Reference Form

9. Reference Form

Applicant Firm Name: Short Elliott Hendrickson Inc. (SEH®)
Contact Person: Brian Bergstrom, Project Manager
Address: 418 West Superior Street
City, State, and Zip Code: Duluth, MN 55802
Telephone: 952.215.8118
Reference #1
Owner or Company Name: City of Buffalo, MN
Contact Person: John Harnois, Fire Chief
Type of Service(s) Provided: Architectural and Engineering Services for public safety training tower
Calendar Year(s) of Service(s) Provided: 2019-2020
City, State, and Zip Code: Buffalo, MN 55313
Telephone: 763.682.5550
Reference #2
Owner or Company Name: City of Maplewood, MN
Contact Person: Michael Mondor, Fire Chief
Type of Service(s) Provided: Architectural and Engineering Services for 2 story fire station.
Calendar Year(s) of Service(s) Provided: 2020-2022
City, State, and Zip Code: Maplewood, MN 55109
Telephone: 651.249.2800
Reference #3
Owner or Company Name: City of Neehah, WI
Contact Person: Travis Teesch, Fire Chief
Type of Service(s) Provided: Architectural and Engineering Service for design of fire station.
Calendar Year(s) of Service(s) Provided: 2024-present
City, State, and Zip Code: City of Watertown and City of Neehah, WI
Telephone: 920.470.5689

4.7 Qualification Evaluation Checklist

8. Qualification Evaluation Checklist

Owner: Short Elliott Hendrickson Inc. (SEH®)		
Contact Person: Brian Bergstrom, Project Manager		
Address: 418 West Superior Street		
City: Duluth	State: MN	
Zip: <u>55802</u>		
Telephone: 952.215.8118		

Instructions:

- 1. When filling out the checklist check "YES" only to those services provided "in-house" by your firm (or prior experience of key personnel anticipated to perform a substantial amount of the project work) and check "SUB" for services you intend to subcontract out. List the subcontracting firm in the "Comments/Explanation" area.
- 2. Respondents are encouraged to add comments and to attach more detailed information where appropriate in response to checklist items. Such clarification can greatly assist the evaluation process. **Firms may include other information as they deem appropriate.**
- 3. Attach to this checklist any appropriate licenses, certification, degrees, or appropriate training that will assist in qualifying your firm for these services.
- 4. Consultant qualifications will be determined using this checklist along with the information provided as outlined in the "Requirements for Statement of Qualifications".
- 5. Firms are expected to answer "YES" to some of the checklist items, but not all of them.
- 6. False, inaccurate or misleading information shall be grounds for disqualification at any time during and after the selection process. When in doubt attach a detailed answer or call for clarification.

Yes	Sub	No	#	Question
			1.	How many years has your firm been engaged in the consulting business under the present firm name? 48 years as SEH and 97 years since founded by P.R. Banister
		Ø	2.	Has your firm ever failed to complete any work awarded to you? Comment/Explanation:

Yes	Sub	No	#	Question
		Ø	3.	Has your firm ever defaulted on a contract? Comment/Explanation:
⋈			4.	Has your firm ever had claims filed for errors and omissions or been sued for services you provided? Comment/Explanation: *1-See below
☑⁄			5.	Is your firm willing to provide (at no cost to the City) an on-site presentation to the City regarding your firm's qualifications? Comment/Explanation:
☑			6.	Does your firm have experience developing construction costs and ongoing maintenance costs for recommendations made? Please provide examples and actual outcomes. Comments: *2-See below
✓			7.	Does your firm possess all of the necessary licenses and credentials to perform the work as specified? Is your firm licensed in Wisconsin? Comment/Explanation:

^{*1} Our goal is to achieve long-term client relationships; therefore, we strive to resolve potential issues before they become legal claims. As is the case with many professional services companies, SEH occasionally has insurance claims, but they have all been settled within the lower end of our policy limit, and SEH never has had an ethics-related claim or action.

^{*2} In SEH's design process, short and long term costs are always a discussion point with project goals. We have extensive cost estimating experience in this regard which can be seen in our project experience section of this document. Some examples: Kaukauna Fire Station, Freedom Town Hall Fire and Police Station, North East and North West Fire Stations in Fitchburg, WI, Bain School and Kenosha Fire Staiton No. 4 in Kenosha, WI.

4.8 | Respondent Statement

SEH (the Proposer) has made their own examination, investigation, and research regarding the method of doing the work, all conditions affecting the work to be done, the labor, equipment, and materials, and the quantity of the work to be performed. The Proposer agrees that it has satisfied itself by Proposer's own investigation and research regarding all of such conditions, and that Proposer's conclusion to enter into the Service Agreement and based upon such investigation and research, and that Proposer shall make no claim against the City because of any of the estimates, statements, or interpretations made by any officer or agent of the City which may prove to be erroneous in any respect.

Building a Better World for All of Us®

Sustainable buildings, sound infrastructure, safe transportation systems, clean water, renewable energy, and a balanced environment. Building a Better World for All of Us communicates a company-wide commitment to act in the best interests of our clients and the world around us.

We're confident in our ability to balance these requirements.

JOIN OUR SOCIAL COMMUNITIES









