

technical proposal

Project No. DGS C-0987-0001

**Phase 1
New Construction
State Archives & Record
Center Annex
Harrisburg, Dauphin County, PA**

August 22, 2019; 2:00 PM



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mascaro construction company, lp

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August 22, 2019

Toni Dolan
Department of General Services
2nd Floor Arsenal Building
1800 Herr Street
Harrisburg, PA 17103

Re: New Construction State Archives & Record Center Annex
Harrisburg, Dauphin County, PA
DGS C-0987-0001 Phase I

Dear Ms. Dolan and members of the selection committee:

Below is the requested information, outlined in the RFP, to be included in the cover letter:

Company Name:	Mascaro Construction Company, LP
Company Mailing Address:	1720 Metropolitan Street Pittsburgh, PA 15233
Contact Person:	Michael R. Mascaro
Phone Number:	412.321.4901
Email Address:	buildings@mascaroconstruction.com

We acknowledge receipt of the following Addenda:

Addendum No. 1	July 1, 2019
Addendum No. 2	July 10, 2019
Addendum No. 3	July 23, 2019
Addendum No. 4	July 23, 2019
Addendum No. 5	July 31, 2019
Addendum No. 6	August 14, 2019

Under separate cover, we have provided our Cost and Small Diverse Business and Small Business Participation submittals. We thank you for this opportunity.

Sincerely,


Michael R. Mascaro
Executive Vice President

**1 original
provided in
Technical
Submittal
envelope**

proposal signature page

non-collusion affidavit

T-1A introduction to project team

T-1B prime contractor: qualifications, experience and past performance

T-1C designated critical work: qualifications, experience and past performance

T-2A project management team

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T-2C safety plan

T-2D quality control plan

T-3A staffing plan

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T-3C workforce safety

SECTION

T-1A

introduction to project team



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SECTION

1.A introduction of project team

Clearly identify the Project Team personnel and their roles and responsibilities on the project

Mascaro will be the prime contractor for general construction on the State Archives & Record Center Annex construction project. As such, our team will provide the leadership, direction, resources, and construction expertise to deliver the general construction package to the highest level of quality possible. Mascaro will coordinate the work with the other prime contractors and interface with the Department of General Services (DGS) and Vitetta as needed to ensure that the project is constructed safely, within budget, and completed on time. We will be responsible for coordinating the work of our subcontractors, along with the work of the other prime contractors to complete the project in the specified duration.

To do this, we are providing you with a team of professionals who have previously worked together, have similar relevant experience, have in depth construction experience, and are committed to providing the DGS with a great construction experience.

An organization chart that demonstrates the reporting structure is provided on the next page. A brief synopsis of their roles and responsibilities is as follows:

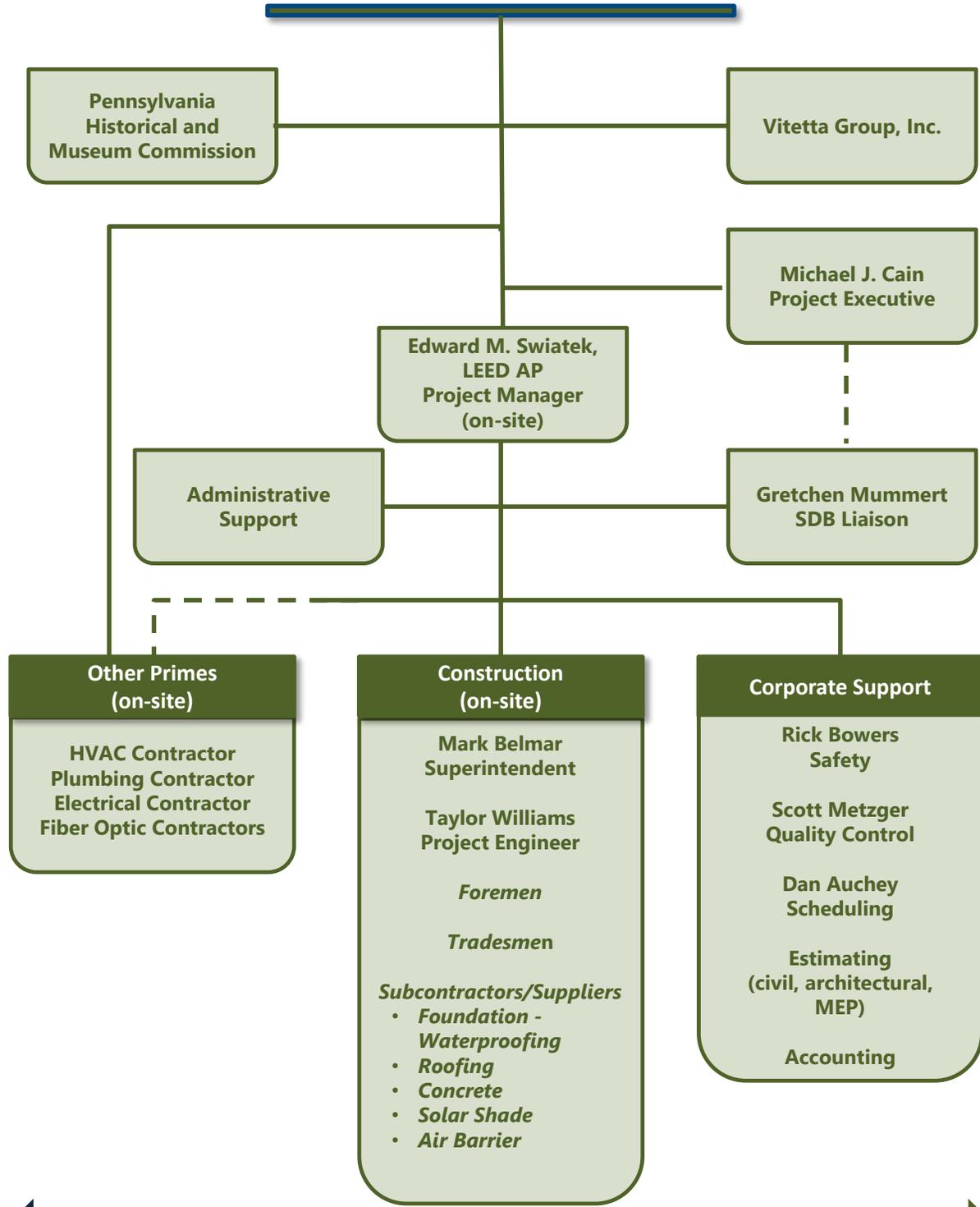
- **Michael Cain** will serve as the project executive providing overall management direction while helping to establish project objectives, policies, procedures, and performance standards based on the DGS's requirements. He will monitor and control construction through the direction of Mascaro's on-site project manager and superintendent, which includes phasing, safety, scheduling, and budget. Mike will have overall project responsibility for Mascaro.

- As the project manager, **Ed Swiatek** will oversee the overall management and contract administration of construction activities and coordinate with the other prime contractors. Ed will also oversee the day-to-day operations. He will maintain and coordinate correspondence logs, supervise engineering staff, prepare weekly and monthly progress reports, as well as be responsible for Mascaro's continuous value engineering efforts. Both Mike and Ed will be responsible for the implementation of a successful SDB program.
- Superintendent **Mark Belmar** will coordinate all field activities with the other primes, manage the subcontractors and any self-performed work, maintain traffic / pedestrian safety, monitor schedule conformance, and assure overall quality compliance with the project goals.
- The project engineer, **Taylor Williams**, will monitor and manage all project documentation, and assist to ensure the team achieves safety, quality, schedule, budget, and customer satisfaction goals.

Our home office staff provides additional resources for this project. Rick Bowers, director of safety, will develop a site specific safety program and visit the site on a regular basis to ensure that the proper safety measures are in place and followed. Similarly, Scott Metzger will work with Ed and Mark to develop the quality control program for this project and visit the site to ensure compliance with the program.

Dan Auchey will update the project schedule to maintain the on-time completion of this project. He will coordinate Mascaro's schedule with that of the other primes to ensure key dates are being met. The home office is also responsible for project accounting, administration, and any additional specialized services such as BIM, if needed.

Team member	experience with:						
	DGS, multiple prime	Museum or similar	Harrisburg construction	Urban construction/ limited laydown	Complex bldg envelope / Curtain wall	Poured-in-place concrete	High density shelving
Mike Cain, Project Executive	👍	👍	👍	👍	👍	👍	👍
Ed Swiatek, Project Manager	👍	👍	👍	👍	👍	👍	👍
Mark Belmar, Superintendent	👍	👍		👍	👍	👍	👍
Taylor Williams, Proj. Eng.	👍			👍	👍	👍	



History of working relationship between firms and team members

Over the years, Mascaro has completed numerous DGS multi-prime projects as the lead prime contractor, ranging in size from \$8 million to \$84 million, with an aggregate value of almost \$300 million. Currently we are leading the multi-prime team effort at Clarion University for the expansion and renovation of Tippin Gymnasium. **As a result, we a solid understanding of DGS processes, in particular the eBuilder program.**

We also bring local experience with DGS projects that include the Matthew J. Ryan Legislative Office Building and the Pennsylvania Judicial Center. **Both of the aforementioned Harrisburg-area projects have been completed with the architect for this project, Vitetta.** On the Pennsylvania Judicial Center project, Vitetta had this to say about Mascaro's performance:

“ The Mascaro team assembled for the project included the right mix of experience, knowledge and communication skills to meet the challenges of this project. Mascaro's attention to project detail and coordination of the work of the other prime contractors was outstanding.

Dan Vodzak, RA, Vitetta
 Pennsylvania Judicial Center project

As noted on his resume, Mike Cain has worked with the DGS and with Vitetta. In addition to this team familiarity, Mike is also the project executive for the construction of the Harrisburg Federal Courthouse, which is one block from this site.

Project Manager Ed Swiatek is currently working with Mike on the Tippin Gymnasium project. Ed was also on-site for the construction of the Pennsylvania Judicial Center, working closely with Vitetta and the DGS.

Another Tippin Gymnasium team member proposed for this project is Superintendent Mark Belmar. In addition to his work on this DGS project, he was the superintendent on the Slippery Rock Student Union Building and the Kovalchick Convention and Athletic Complex for IUP, both of which were completed by Mascaro for the DGS.

Taylor Williams has a solid relationship with this team as he was the project engineer on the Clarion University Tippin Gymnasium project. This experience with DGS processes will be of great value to the team.



Tippin Gymnasium

Mascaro was awarded a contract through the Department of General Services best value selection process to provide construction services for the renovation and expansion of the Tippin Gymnasium and Natatorium, built in 1965.

The project includes removing and replacing the existing gymnasium floor and equipment; installing new bleachers and grandstands with total seating for 2,486; removing two existing pools and replacing with a competition swimming pool; a new auxiliary gym, weight room, and locker rooms; new office space; renovation of the wrestling room; removing and replacing the gym roof; new exterior glazing and curtain wall and other exterior façade repairs.

Subcontractors

Based on our current and past work in the Harrisburg area, we have solid relationships with many of the local subcontractors and suppliers. Our team's local experience provides first-hand knowledge of these firms and their capabilities.

To provide the most competitive pricing for the DGS, Mascaro will commit to subcontractors (including DBE firms as noted under the Small Diverse Business Submittal portion of our submission) **on the day of the bid.** We have a past working relationship with most of these firms, or have met with new subcontractors and suppliers to discuss the proj-

ect and their qualifications through local events. **To date, Mascaro has held two outreach programs to maximize participation from small and small diverse businesses. One was held on June 25, and the other on July 23.**

Mascaro has requested that all subcontractors submit their Designated Critical Work Qualifications in advance of the bid date. Since the selection of the subcontractors and suppliers is made on bid day, we have included the required Appendix D - Designated Critical Work: Qualifications, Experience, and Past Performance (Section T-1C) as well as key personnel resumes (Section T-2A) from the foundation/waterproofing, roofing, concrete, solar shade, and air barrier subcontractors.

On bid day, the subcontractors and suppliers that provide the best overall value for the project will be selected will be included in our proposal as required by the RFP.

Understanding of the services and materials to be provided

Mascaro will provide all services and materials necessary to complete the general construction contract as issued for bid on June 11, 2019, and according to the contract documents listed in the RFP. Unique to the building's requirements is the tight tolerances for temperature and humidity fluctuations. Quality control processes will be monitored throughout the project's construction to ensure that exterior and interior construction meets the specifications required to house our state's historical, legal, and other significant documents and/or artifacts.

Another consideration is the services required relating to the project's location in a residential neighborhood and its proximity to a school bus drop off. As an ambassador for the DGS, we will consider work hours, noise and traffic control, site logistics, material deliveries, and other activities that impact the local residents.

We understand that, as prime general contractor, we will be responsible for coordinating the schedule of multiple entities for the construction of this 150,000-square-foot new archives and records center building. This involves not only the work of four other prime contractors, but also that of other vendors and contractors hired by the DGS and other entities involved in this project.

Mascaro will constantly monitor the schedule as it relates to ongoing and upcoming work. We will use a detailed CPM schedule to track all deliverables, ensuring all work items and material deliveries happen on time. There will be daily coordination with subcontractors, all prime contractors, and any other vendor with regard to services and materials. Detailed scheduling of submittals, as well as work in the field, is critical to hitting the established milestone dates.

In Section 2B, Work Plan and Schedule, we provide a narrative on our approach and a preliminary schedule to ensure the project is delivered and meets DGS expectations.



Mascaro understands the complexity of this project based on its past experience as demonstrated in this narrative. Some of the highlights include construction of museums (adhering to the National Archive and Records Administration and Smithsonian standards), construction near a

residential neighborhood (Mascaro is constructing the Harrisburg Federal Courthouse up the street), and working as a general on a multiple prime project (Mascaro's team is currently completing the Clarion University Tippin Gymnasium project, which is a DGS project.)



Experience with congested urban areas.

Mascaro has built complex projects in the heart of several congested urban cities such as Pittsburgh, Buffalo, Washington DC, and Harrisburg.

Pittsburgh

In downtown Pittsburgh, we have constructed nearly 100 projects in the city’s center. Just outside the city is the Oakland area of Pittsburgh, which is home to world-renowned hospitals and universities. Similar to the city center, Mascaro has constructed over 100 projects. One of the more complex projects is the **Biomedical Science Tower 3 (BST3)** project, pictured above.

This 344,000-square-foot, 10-story university building is situated on a half-block with a parking garage 15 feet behind the building, with the other three sides bounded by city streets. One of the streets, Fifth Avenue, is one of the heaviest automobile volume streets in Pittsburgh. Site logistics involved delivery of materials (no laydown space), crane sizing and positioning, material hoist location, maintenance and protection of vehicle and pedestrian traffic, and dust and noise control due to the close proximity of the nursing school, student dormitories, and five major hospitals.

Buffalo

The **Robert H. Jackson U.S. Courthouse** (top right) is a 10-story, 265,000-square-foot landmark in downtown Buffalo overlooking Niagara Square. Situated on a 1-3/4 acre urban site, there was less than a quarter-acre of lay down space, and all deliveries had to be made on a just-in-time basis. Our subcontractors had to store their materials at their respective shops and make deliveries early in the morning before traffic picked up. The exterior appearance of glass and open space belie the federally mandated security requirements integrated into the structure including exterior blast resistant walls, security setbacks, and other force protection design requirements.

Washington DC

Located three blocks from the White House, the **Executive Building** is a 12-story addition that included two levels of below grade parking. Additionally, Mascaro added two stories to the existing building and re-skinned the exterior to provide a unified building facade. Mascaro coordinated its the work with the surrounding businesses (including the historic Capital Hilton Hotel and Washington Post) to minimize disruptions. Restricted work hours (7 am to 7 pm) for DC made delivery coordination difficult, and the site became congested when more than one truck arrived.



Harrisburg

In addition to the **US Courthouse** currently being constructed a few blocks from the State Archives & Record Annex site, Mascaro constructed the **Pennsylvania Judicial Center** in downtown Harrisburg for the DGS. The new structure was constructed on the last open space in the Harrisburg complex and is bounded by busy streets on three sides (Commonwealth Avenue, North Street, and N. 7th Street) and the Pennsylvania Department of Human Services (shown on left in photo above).

Due to its half-block location from the state capital, all deliveries were coordinated with the DGS, Heery (construction manager), and Capitol police. In particular, large deliveries required Mascaro to meet with them days in advance to identify what material was coming in, how it would enter the site, how many trucks would be involved, and how long they would remain at the site. Deliveries were restricted during two key rush hour periods, 7 a.m. to 9 a.m. and 3 p.m. to 5 p.m. Many subcontractors held their deliveries outside of the city and brought them in during the evening hours. Much of the concrete was scheduled in the late evening or early morning hours. Team meetings included addressing what was coming in and at what time, where it would go, and how it was going to be moved through the building.

Describe team's experience with a limited lay down area. Mascaro's experience has been that the majority of our projects constructed in an urban area have very limited lay down area. As noted in the previous write-ups for urban area construction, our team is very experienced at coordinating deliveries of material stored off-site, not only for our work, but for other contractors involved in the project.

Mascaro is currently addressing this same issue as it constructs the Harrisburg Federal Courthouse project a few blocks from the site. The team's planning sessions involve requesting lane closures from the local authorities for equipment placement, as well as scheduling "just-in-time" deliveries of all materials required for the project.

An additional obstacle to getting material in and out of the tight site is the overhead power lines that surround the perimeter. Initially, these lines were to be relocated prior to the start of construction. Due to power company delays, the lines still remain around the tight site hampering site logistics. To mitigate the impact, the team brought in a

larger crane and centered it on the site. This will allow the erection sequence to be maintained as originally planned.



Harrisburg Federal Courthouse project site - June 28, 2019

Describe team's experience with complex building, museum, or similar types.

Mascaro's relevant museum experience includes:

- **Academic Research Facility.** Mascaro constructed this building in Carlisle, Pa., for the U.S. Army Corps of Engineers. It is the Army's largest repository of original documents, letters, publications, maps and photographs, totaling over 13 million items, making it the premier historical research facility of the U.S. Army. Mascaro constructed the building to conform with **National Archive and Records Administration standards.**
- **CMU Posner Conference Center.** Located in Pittsburgh, Pa., the conference center contains a gallery for rare artifacts and books collected by Henry Posner, Sr. The collection includes more than 1,000 volumes ranging from the history of science to classic literature and is constructed to conform with **National Archive and Records Administration standards.** This project was constructed between two active academic buildings and an active campus parking lot, requiring extensive safety controls and coordination. **The display cases use passive air filtration with a humidity buffer and fiber-optic lighting** instead of active ventilation to control humidity and temperature. The Rare Books Vault had a secondary internal "roof" to ensure no water infiltration in the space and sensors were included above the internal roof to track moisture.
- **Heinz History Center, Museum Support Center.** This renovation project in Pittsburgh, Pa., offers public space for a conservation center and other exhibits, and it provides storage for the Heinz History Center's 50,000 artifacts. **The building is designed to meet American Association of Museums standards.** Mascaro provided preconstruction and construction services to manage the work that included restoring the exterior facade, upgrades to the concrete interior, installation of a freight elevator, a bridge connecting the support center to the history center, and installation of new MEP systems that will meet museum preservation standards that include light and humidity requirements.
- **Heinz Field, FedEx Great Hall.** Located in the East Side of Heinz Field, this space is part museum containing memorabilia and Hall of Fame artifacts for the Pittsburgh Steelers and University of Pittsburgh.

Experience with multiple prime contractor projects, including coordination

Mascaro is a diversified contracting firm that provides general contracting, general trades contracting, construction management, and design-build. General construction and general trades contracting accounts for more than 50 percent of our projects. This includes multiple prime projects for the Pennsylvania Department of General Service (DGS).



Portions of the Posner Center collection are displayed in high-tech display cases that provide a secure and controlled environment for the rare books and artifacts. Some of the highlights of the Posner Collection are a copy of Anton Koberger's third edition printing of the Nuremberg bible (1478), a 36-leaf collection with five wood cuts of Christopher Columbus' letter to Gabriel Sanchez giving an account of his first voyage to America (1494), and a 1792 copy of the Official Edition of the Bill of Rights of the United States Constitution, one of only four copies in existence.

While the DGS does not provide project performance reviews, we have received acknowledgment from the DGS. In an *Indiana Gazette* article on the **IUP Kovalchick Center**, then DGS Acting Secretary Elizabeth O'Reilly is quoted by the author, Sam Kusic, as follows:

"O'Reilly said credit for the project's success also is due to general contractor Mascaro Construction Co. LP. The company, she said, took a leadership role and persuaded the other contractors to come on board with the construction schedule."

A sampling of other DGS projects include:

- **University of Pittsburgh Johnstown, Nursing/Health Sciences Facility** (role: construction manager)
- **University of Pittsburgh, Clapp Hall** (role: construction manager)
- **Slippery Rock University, New Student Union** (role: general)



Mascaro was the general prime for the DGS on the Pennsylvania Judicial Center located in Harrisburg, PA

- **Pennsylvania Judicial Center** (role: general)
- **Clarion University Tippin Gym** (role: general)

Attended Prime & Subcontractor networking event held on July 8, 2019.

Mascaro attended the event held in Harrisburg on July 8, 2019, at The HUB.

Experience with complex building envelope with vapor barrier.

With the trend toward more energy efficient buildings, Mascaro has completed numerous projects that involved a complex building envelope with vapor barrier.

One of the more complicated of our completed projects was the **Robert H. Jackson US Courthouse** in Buffalo. The 265,000-square-foot building has an elliptical shape that not only defines the structure, but provides maximum efficiency for interior space requirements. The exterior appearance of glass and open space belie the federally mandated security requirements integrated into the structure including exterior blast resistant walls, security setbacks, and other force protection design requirements.

In order to keep the project on schedule, Mascaro’s project team worked with the subcontractors to get the building sealed before winter so that interior work could continue. Sealant installers worked on the exterior precast ellipse to dry in with the first (of two) sealant beads while our drywall contractor provided protection at the south by installing a temporary insulated wall partition covered with a water-proof membrane on the exterior.



Robert H. Jackson US Courthouse in Buffalo, NY



UPMC Vision and Rehabilitation Hospital at UPMC Mercy

Two other noteworthy projects featuring complex building envelopes are the **UPMC Vision and Rehabilitation Hospital at UPMC Mercy** (UPMC Vision) and the **Huntington Federal Building**.

On the **UPMC Vision** project, the building envelope consists mainly of a unitized curtain wall system. The main building entrance is an all glass structural wall with canopies, while the lower four floors consist of bay windows with a brick facade and punch openings. There are several different roof types from asphalt to metal to a vegetative roof system. To ensure proper installation, the project team will create several on-site mock-ups for this project.

For the **Huntington Federal Building** in West Virginia, the entire building envelope was removed and replaced with a structural wall system that was designed to meet Department of Defense requirements. Included as part of this design were the window and curtain wall systems. Mascaro's glazing subcontractor provided design assistance to the A/E team prior to having a fully executed construction contract to ensure that the systems met DOD blast criteria. The new system included approximately 850 tons of structural steel reinforcement for the existing cast-in-place concrete frame to provide progressive collapse.

Mascaro retained EL Robinson, a professional surveyor, to develop an accurate model of the existing building before the veneers were removed. EL Robinson scanned all building elevations with a laser and Mascaro drilled holes through the veneers at specific locations to accurately locate the existing concrete structure. This information was combined to develop an accurate as-built model of the structure.



This photo depicts the top-down construction of the new structural wall system on the Huntington Federal Buildings

The structural engineer then used this model to develop new building lines for each elevation, which minimized shimming irregularities for the new structural relief angles. The new building control line offsets and elevations were established on each floor to facilitate installation of the new masonry relief angles. Line and elevation of these new relief angles were confirmed with a laser scan. Some minor adjustments were required to maintain AISC tolerances before the new masonry veneer was installed

Experience with curtain wall systems

Throughout our 31 year history, Mascaro has gained valuable experience in the installation of the different types of curtain wall systems. This comes into play particularly in the design and construction of green or LEED® construction. Since the curtain wall is non-structural, it can be made of lighter weight material not only reducing constructions costs, but also can introduce natural light deeper into the building.

As example of this is the corporate headquarters for **Industrial Scientific Corporation**. A unique feature of the Industrial Scientific project is the curtain wall / granite panel rain screen.

Due to its high visibility along the Parkway West, Industrial Scientific wanted a stone-clad, signature building. After analyzing various options, the team devised thin granite panels mounted on a honey comb, high performance envelope. With no sealant joints in the face, it is a very low maintenance system.

The volume of rain screen panels, over 45,000 square feet, was well above what was typically ordered as an accent panel. The team had to manage the supply chain, which



added to the challenge. Industrial Scientific set up an escrow account to get the granite from a quarry in India. It was then shipped by boat to the west coast, then to Minnesota for fabrication. Multiple trips were made by the subcontractor and Mascaro to view the process and ensure the manufacturing process kept moving and the panels would be delivered in a timely manner.

The six-level **Dick’s Sporting Goods Headquarters** campus integrates five distinctive “pods” into one complex on a 116-acre site. Adjacent to the Pittsburgh International Airport, the 670,000-square-foot features several curtain wall systems (stone, brick, fiberglass reinforced plastic, and glass) incorporated into the structural steel facility.

The University of Pittsburgh **Biomedical Science Tower 3** is a ten-story, 344,000 square-foot research facility. Blast resistance was achieved through the use of reinforced masonry and blast-resistant glass perimeter walls. The exterior consists of 72,000 square feet of limestone and granite, 34,000 square feet of metal panels and louvers, and 58,000 square feet of windows and glass curtain wall.

The **TCS Building** Mascaro is constructing for Carnegie Mellon University has a curtain wall system of aluminum and glass and includes aluminum sun shades on each elevation and on all the floors. The skin of the building is primarily brick with a structural stud and sheathing back-up, along with punched windows, curtain wall and metal panels. In addition, the exterior will include terracota material at the main entrance facade.



Examples of the various curtain wall systems installed by Mascaro (from top to bottom) include Industrial Scientific, Dick’s Sporting Goods, and the TCS Building . Biomedical Science Tower 3 photo provided on page 5.

The entire exterior envelope will be inspected during construction and Mascaro will work with a third party consultant to do air and water intrusion. All interior walls will be constructed to the deck and all walls require acoustical caulking and sealants. Commissioning will be performed on the entire exterior envelope.

Below is a listing of some other relevant curtain wall systems we have managed:

- **Harrisburg Federal Courthouse** - Precast, curtain wall, glass fiber reinforced concrete (GFRC)
- **UPMC Mercy Vision** - Metal panels; unitized glass curtain wall with masonry-brick
- **Clarion University Tippin Gymnasium (DGS)** - Point-supported curtain wall system, glass and glazing
- **IUP Kovalchick Convocation Center (DGS project)** - masonry, metal panels, curtain wall, and storefront
- **SRU - New Student Union (DGS project)** - brick, copper wall panels, aluminum storefront, and curtain wall
- **Mascaro Center for Sustainable Design** - curtain wall metal panels, and GFRC



Theater Square is a cast-in-place, post tensioned concrete structure. Mascaro self-performed the concrete work on this 10-story building.

Experience with poured-in-place concrete

As a self-performing general contractor, concrete is a specialty of Mascaro.

On average, Mascaro places 125,000 cubic yards of concrete yearly, and our largest monolithic placement was approximately 5,000 cubic yards.

An example of where our expertise in self-performing concrete benefited an owner is on the **Theater Square** project. During the bid process, Mascaro submitted an option for a post-tensioned, cast-in-place structure, which was not typical in Pittsburgh at the time. The Pittsburgh Cultural Trust accepted the alternate bid and trusted that Mascaro had the expertise and craftsmanship to deliver on its alternate. Mascaro not only saved the owner time, but was able to deliver the project ahead of the original specified schedule. More importantly, the Trust received a product that is a more durable system than what precast concrete would have been and requires less maintenance over its life span.

Another significant pour-in-placed concrete project is the construction of the **Mascaro Center for Sustainable Innovation**. This structure was an addition to the existing Benedum Hall on the University of Pittsburgh campus. It required the design of a custom support system to withstand the anticipated loads and still achieve the desired appearance.

The three levels of decking consisted of 12-inch thick, reinforced concrete supported slab. The 12-inch depth was required due to asymmetrical column layout and large cantilevers. Each level has two, 24-inch deep by 40-inch wide beams. The deck features a 25-foot cantilever extending over the plaza.

Mascaro self performed the concrete foundations and three-story, cast-in-place structure. The column construction required creating 5-foot by 5-foot openings in Benedum Hall's honeycomb slab system to accommodate the concrete form system. The formwork was either hand constructed, or constructed off-site and then put in place with a crane. Managing the pour rates for the columns took careful planning.



Construction and post construction photos of Mascaro Center for Sustainable Innovation concrete work

Since filling the forms all at once could potentially blow out the forms, pump trucks were sequenced to pour consistent depths in each of the columns, i.e., five feet during one delivery, seven feet during the next. The next set of pours had to occur before the concrete began to cure from the previous pour. The challenge was to develop a plan to maximize concrete delivery so that money wasn't wasted on bringing out a truck for a single column pour. The formwork for the sloping columns had to stay in place for three days and achieve 60% design strength prior to stripping formwork.

The 12-story **UPMC Vision** project has a two-level, below grade parking garage that will use cast-in-place concrete construction. The five-floor South Tower and the 12-story West Tower comprise the super structure. To meet the unique requirements of this hospital and research facility, the slabs are at a minimum 12-inches thick, and there are non-typical interfaces between the structural steel and concrete superstructure such as embedded structural steel columns and transitions between a structural steel column to concrete column.

Experience with high-density shelving

Mascaro has installed high-density shelving on many projects. Most relevant to the DGS include:

- **Pennsylvania Judicial Center.** High density document storage in the nine-story tower that houses support, legal, and administrative staff.
- **Harrisburg Courthouse.** High density storage space for the court and administrative files
- **Heinz Innovation Center.** High density filing space in second floor office space.
- **Robert H. Jackson (Buffalo) U.S. Courthouse.** Class A office space with high density storage space for court records
- **Academic Research Facility.** Contains state of the industry space saving, high density shelving
- **Museum Support Center.** Housing Heinz History Center's 50,000 artifacts, provides high density storage space
- **AHN Pharmacy Relocation and Upgrades.** Installation of high density shelving

SECTION

T-1B

**prime contractor:
qualifications,
experience and past
performance**



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APPENDIX E

**PRIME CONTRACTOR
QUALIFICATION STATEMENT**

COVER SHEET

DGS Project Name Phase 1 New Construction State Archives & Record Center Annex

DGS Project Number DGS C-0987-0001

Check One:

Corporate

Partnership* (Limited)

Individual

Joint Venture*

Other* _____

Name of Firm Mascaro Construction Company, L.P.

Address 1720 Metropolitan Street, Pittsburgh, Pennsylvania 15233

Principal Office 1720 Metropolitan Street, Pittsburgh, Pennsylvania 15233

Owner or Authorized Representative Jeffrey M. Mascaro, Vice President / COO

SECTION 1 – INFORMATION ON FIRM

1.1. Background Information

- a) How many years has the firm been in business? 31 years
- b) How many years has the firm been doing business in proposed contract field? 31 years

Under what former names has the firm conducted business?

Mascaro, Inc. (1988 – 1996)

- c) Provide an **Attachment 1** to this Qualifications Statement identifying all jurisdictions in which the firm is licensed or otherwise qualified to do business. List and provide copies of any business or trade licenses, certificates or registrations (to the extent that they apply to the Contract Work) held by the firm.

- d) If the firm is a corporation, provide the following information: **N/A**

Date of incorporation _____

State of incorporation _____

President's name _____

Vice President's name(s) _____

Secretary's name _____

Treasurer's name _____

- e) If the firm is a partnership, provide the following information:

Date of formation January 1, 1996

Type of partnership Limited

Names of partners John C. Mascaro, Jr.; Jeffrey M. Mascaro; Michael R. Mascaro

- f) If the firm is individually owned, provide the following information:

N/A

Date of formation _____

Name of owner _____

- g) If the form of the firm is other than those listed above, describe it and name the principals.

N/A

SECTION 2 – EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year	<u>2018</u>	\$	<u>313 Million</u>
Year	<u>2017</u>	\$	<u>258 Million</u>
Year	<u>2016</u>	\$	<u>297 Million</u>

- b) Identify the percentage of work on similar projects the firm typically performs with its own work forces 20-30%

- c) List the categories of work that the firm normally performs with its own forces on similar projects.

Our self-performance capabilities include selective demolition, clearing and grubbing, pile driving, site utilities, excavating and grading, structural excavation, structural erection, concrete, carpentry (rough and finish), drywall, and acoustical.

2.2 Project Experience and References

Submit as **Attachment 2** to this Qualifications Statement:

- a) Suggested number of Sheet/pages:

- 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects that are similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- i. Name of project, type of project and location
- ii. Description of the project and relevance of work to the Contract Work
- iii. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and e-mail address.
- iv. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- v. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- vi. As available, performance ratings of the work evaluated by the owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 3** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Worker Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1:	<u>2018</u>	<u>0.711</u>
Year 2:	<u>2017</u>	<u>0.725</u>
Year 3:	<u>2016</u>	<u>0.668</u>

- b) Provide the firm's Total Lost Workday Incident Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1:	<u>2018</u>	<u>0.00</u>
Year 2:	<u>2017</u>	<u>0.00</u>
Year 3:	<u>2016</u>	<u>0.18</u>

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 + Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1:	<u>2018</u>	<u>1.51</u>
Year 2:	<u>2017</u>	<u>0.58</u>
Year 3:	<u>2016</u>	<u>0.37</u>

*RIR Rate = Number of Injuries x 200,000 + Total Hours Worked

- d) Provide in an **Attachment 4** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 – REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmation, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?

Yes _____ No X

- 3.2 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?

Yes _____ No X

- 3.3 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?

Yes _____ No X

- 3.4 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

Yes _____ No X

- 3.5 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?

Yes _____ No X

- 3.6 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes _____ No X
- 3.7 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes _____ No X
- 3.8 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes _____ No X
- 3.9 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes _____ No X
- *Note: information regarding health and safety violations is addressed in a previous section.
- 3.10 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes _____ No X
- 3.11 Has the firm been the subject to any bankruptcy proceeding?
Yes _____ No X

SECTION 4 – REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the representations and authorizations listed on the Proposal Signature page and in the RFP, the firm makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.
- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.

- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.



SECTION
T-1B

attachment 1

Identifying all jurisdictions in which the firm is licensed or otherwise qualified to do business. List and provide copies of any business or trade licenses, certificates or registrations (to the extent that they apply to the Contract Work) held by the firm.

Pennsylvania: 2716533	New Jersey: 0600451094
Maryland: 01401903	New York: 3575697
DC: 410518000084	South Carolina: 122160
West Virginia: WV-034136	Virginia: 2705-083937
Ohio: GC-980301	Florida: CGC1526202
	North Carolina: 82210

In addition to state registrations, Mascaro is currently licensed and/or registered to do business in various jurisdictions pursuant to local requirements.

Our vendor number for Pennsylvania is 156703. Verification from the Pennsylvania Department of State website is displayed below.

Business Name History

Name	Name Type
MASCARO CONSTRUCTION COMPANY, L.P.	Current Name
Limited Partnership - Domestic - Information	
Entity Number:	2716533
Status:	Active
Entity Creation Date:	9/26/1996
State of Business.:	PA
Registered Office Address:	1720 METROPOLITAN ST PITTSBURGH PA 15233-0
Mailing Address:	No Address
Partners	
Name:	MASCARO SERVICES, INC.
Title:	General Partner
Address:	[Address Not Available] PA

[Home](#) | [Site Map](#) | [Site Feedback](#) | [View as Text Only](#) | [Employment](#)



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Relevance

- DGS multiple prime project in Harrisburg, PA
- Limited laydown, urban environment
- Complex building - envelope/vapor barrier - curtain wall
- Poured in place concrete
- High-density shelving

i. *Project 1, type, and location:*
Pennsylvania Judicial Center
Harrisburg, PA
Government facility/new construction

ii. *Description/relevance:*
Under a best-value selection process, the Pennsylvania DGS selected Mascaro as the general contractor on this multiple-prime project. The Pennsylvania Judicial Center is a nine-story, 425,000-square-foot multi-use complex located adjacent to the state capitol building. This new complex includes a 95,000-square-foot parking facility located in the basement level.

The first section of the complex, at the main entrance, is a five-story tower for the Pennsylvania courts. The second section is a nine-story tower designed to house support, legal, and administrative staff; conference and training rooms;

and document storage with high density shelving. The third section is a single-story area containing offices and storage and is designed to accommodate future expansion.

The steel frame was designed to meet progressive collapse requirements, and the connections for the steel were mostly full penetration welds. Lightweight concrete was used on the metal decks to help with the UL rating of the structure, thus requiring only the beams and columns to be fireproofed. A well-devised erection plan allowed the use of conventional cranes to set the steel. However, once the structure was in place, the exterior work required the use of a tower crane.

The exterior of the building is made up of two major components, stone and curtain wall. The limestone veneer façade is accented with a granite veneer around the base of the building. The curtain wall is structurally reinforced to meet the Department of Defense blast resistance criteria for gov-

ernment facilities. The glazing is made up of patterned and spandrel glass. The coordination and design for the stone anchors and the curtain wall system supports started at the same time as the steel shop drawings and required coordination and control from all contractors involved. The roofing materials are both metal and membrane, and because of the varying levels of the facility, there are over eight different roof areas on this project.

The interior of the building is highlighted using wood paneling and trim in the two-story courtrooms as well as stone, tile flooring, and hardwood wall paneling throughout the common areas. The building's atrium is five stories high and contains a skylight that allows natural sunlight to illuminate the entrance of the building. Since different court agencies utilize the building, the door hardware and passage restrictions into each of the different areas required the coordination of the specified hardware with the end users' security requirements.

Because of the heightened security and building setback requirements necessary to meet specific force and blast criteria for the site, the complex includes a ballistic-rated prefabricated guard shelter, vehicle barrier gates at the entrance ramps, metal bollards with grade beam foundations, and cast-in-place planter walls that are faced with granite.

The facility contains office space for more than 500 employees, three Commonwealth Court courtrooms, and a conference and training center. Occupants of the judicial center include the Supreme Court, Middle District prothonotary, executive administrator of the Supreme Court, Superior Court Middle District prothonotary, the Commonwealth Court, the Administrative Office of Pennsylvania Courts (AOPC), and various Supreme Court boards and committees. The Judicial Conduct Board and the Court of Judicial Discipline have offices in the center.

As the general trades contractor, Mascaro was the lead contractor and assumed the responsibility for scheduling and coordination with the other three primes. The initial baseline schedule took 90 days from Notice of Award until it was completed and signed off by all members of the project team, which included the other primes. This baseline schedule became the road map for the project. Mascaro met with all project team members every two weeks to update progress, start dates, completion dates, remaining duration, critical deliveries, etc. Mascaro was very successful in taking a lead role to develop and maintain a workable schedule that was used by all project team members to build the project.

Mascaro self performed all concrete grade beams, pile caps, spread footings, rough carpentry, and miscellaneous accessories, approximately 18% of the project.

iii. Contact information:

Dan Weinzierl, Director of Construction
 Pennsylvania Department of General Services
 Arsenal Building, Room 321
 18th & Herr Streets
 Harrisburg, PA
 Phone: 717.787.6330
 Email: dweinzierl@state.pa.us

iv. The original / final price:

\$78,950,000 / \$84,678,861* (general contract only)

Total construction value: \$117 million

**Owner added design changes to meet court and tenant requests. In addition, performance on the project allowed owner to contract directly with Mascaro in lieu of using government contractors for owner-provided work.*

v. The original / actual completion date:

April 26, 2009 / April 26, 2009

vi. Performance rating:

The Pennsylvania DGS does not provide written performance rating; please contact Dan Weinzierl. John Anthony of Heery International, who was the construction manager for the project, stated in a performance review for Mascaro:

“ Both the Department of General Services and the Judicial Branch were extremely satisfied with the building ... Mascaro established and maintained open and honest communication with the owner, architect, and construction manager.”

John F. Anthony, Project Manager
 Heery International, Inc.,
 Construction Manager

Relevance

- Government facility located in Harrisburg, PA
- Limited laydown, urban environment
- Complex building - envelope/ vapor barrier - curtain wall
- Poured in place concrete
- High-density shelving



i. *Project 2, type, and location:*
Harrisburg Federal Courthouse
 Harrisburg, PA
 Government facility/new construction

ii. *Description/relevance:*
 Mascaro is the construction manager at risk for the new 243,000-square-foot courthouse. It will house five district courtrooms, two magistrate courtrooms, one bankruptcy courtroom, as well as judge’s chambers, jury deliberation facilities, jury assembly, grand jury suites, holding cells, and other associated supporting spaces. Other government agencies include the United States Trustees, Federal Public Defender, and the General Services Administration. The project will include 19,350 square feet of interior parking to provide approximately 42 interior secure parking spaces. The project will seek LEED Gold certification.

A challenging aspect of this project is the site logistics. The site is limited and tight. The configuration of the building severely limits the placement of the crane and hoist within

the project site, and the building components (steel and precast) eliminated the possibility for using a tower crane. Additionally, the site plan had to take into consideration the overhead power lines that run along the perimeter of the site and were to be relocated prior to construction. Due to delays from the power company, these lines remained in place at the start of construction and will be in place for some portion of the construction. To mitigate this issue, a large crane, centered on the site, is being used to reach the required erection positions.

Just-in-time deliveries will be utilized, and there will be lane closures implemented throughout construction. Other factors that must be taken into consideration are the two projects that are to begin sometime within the time frame of the courthouse project. One is construction of this Archive and Record Center Annex that is one block away. The second is a round-about that is situated at the corner of the site. Pre-planning is already underway to determine our approach to minimize impact to the projects.

Foundations are concrete, set on micro piles and caissons with standard grade beams and pile caps. Structural steel with lightweight concrete slab-on-deck is also utilized. The skin of the building is a precast curtain wall unitized system by Kawneer, metal panels, and glass fiber reinforced concrete. The entire building has an envelope using water-proofing and air vapor barriers. A custom designed brise soleil is also incorporated into the curtain wall to deflect the sunlight off the building, very similar to a sun shade.

The design for the mechanical system includes 12 air handling units employing heat pipe recovery in the units; five generators that provide dry steam to dispersion nozzles within the air handlers serving critical environments; and 312 active chilled beams that provide comfort cooling through inductive radiation/convective air circulation. All HVAC system components are controlled by a robust automatic control system that is fed information via sensors and controller positions deployed throughout the air and hydronic systems. **This system not only monitors and maintains conditioned spaces but also provides alarm notifications and run time hours for maintenance records and history trending logs.**

A 30,000-gallon underground rainwater harvesting system receives water from roof areas that, in turn, is filtered and used for flushing water closets and urinals. There are state of the art LED decorative lighting fixtures throughout the facility with an addressable network lighting control system to provide maximum energy savings while offering controllable dimming for naturally lighted areas throughout the day. Sub-power metering at electrical panelboards allows tracking of power along with history trending for sector usage and billing. A 1250 kVa emergency generator providing 24-hour runtime housed in a sound attenuating enclosure with remote 100% load bank. A system for specialized use areas that require security provisions for detention and restricted access, includes door monitoring through magnetic switches and power locks, CCTV cameras, intercoms, card readers, keypads, and motion detection. A construction operations building information exchange (COBie) will be implemented to manage asset information by facilities management for the building and to capture life-cycle information.

iii. Contact information:

James Henry, Contracting Officer
 General Services Administration-Philadelphia
 100 S. Independence Mall W
 Philadelphia, PA 19106
 Phone: 215.446.5756
 Email: james.henry@gsa.gov

iv. The original / final price:
 \$158,437,263 / \$153,376,000*
 *Bid price vs. current price

v. The original / actual completion date:
 June 1, 2018 / October, 2021

vi. Performance rating:
 Gary Zimmerman, the GSA project manager completed a performance evaluation based on Mascaro's five metrics of safety, quality, schedule, budget, and client satisfaction. Mascaro received a score of 4.5 out of a possible 5.0. On a CPAR evaluation completed by the GSA, Contracting Officer James Henry made the following recommendation, "Given what I know today about the contractor's ability to perform in accordance with this contract or order's most significant requirements, I would recommend them for similar requirements in the future."



Relevance

- Limited laydown, urban environment
- Complex building - envelope/vapor barrier - curtain wall
- Poured in place concrete
- High-density shelving



i. Project 3, type, and location:

UPMC Vision and Rehabilitation Hospital at UPMC Mercy

Pittsburgh, PA

Healthcare/new construction

ii. Description/relevance:

The new UPMC Mercy Vision and Rehabilitation Hospital will offer advanced vision care, and physical medicine and rehabilitation services when opened in 2022. The 10-story building will also include approximately 442,000 square feet of lab and research space, as well as outpatient clinical labs and surgery suites. Additionally, an art gallery and exhibit space are included in the design for the education and enjoyment of the patients and their families. A seven-story precast parking garage adjacent to the new tower with two levels of below grade parking will provide 1,077 parking spaces and is included in the project scope of work.

The building envelope consists of several systems and offers a challenge to the project team to develop the interfaces between each one. The largest percentage of the building envelope consists of a unitized curtain wall system. An all glass structural wall and canopies make up the main building entrance. Bay windows with brick facade and punch openings surround the lower four floors on the tower.

The envelope also has several roof types: hot fluid applied asphalt roofing with precast pavers, PVC roofing, a batten seam metal roof, and several vegetative roof systems.

The project has several planned on-site mockups to determine the interfaces between the various systems are understood and to serve as a guide to ensure proper building enclosure.

The unitized curtain wall system consists of several different panel types: fritted glass panels, two-color terracotta panels, and aluminum panels all in various configurations. This



unitized system makes up the largest amount of the exterior facade covering nearly 140,00 square feet.

A Pilkington Planar System is utilized for the entrance of the building. The system provides over 15,000 square feet and creates a warm and welcoming entrance for visitors and patients.

In addition, the project has the Kawneer 1600 Wall System as a storefront system at the parking garage lobbies.

The research space includes a vivarium that will require specialized systems. Redundant mechanical systems to be provided in this project include supply air-handling equipment, energy recovery exhaust units, HEPA filtration, central and local humidity control for precise control of tight parameters, airflow pressure mapped zoning with sealed room construction for cascading room pressurization control and monitoring, and liquid and gas piped utilities. All vivarium mechanical and electrical systems are designed with backup or n+1 redundancy.

Located in the uptown district of Pittsburgh and situated in the block directly adjacent to UPMC Mercy Hospital, the project has its share of logistical challenges. With the UPMC Mercy emergency room being one of the busiest in Pittsburgh, there were significant concerns related to patient welfare, public safety, and the impact to operations. The project is implementing just-in-time deliveries to maximize the limited space on site while also maintaining access

for all emergency response vehicles. The site traffic control plan has several different phases with different lane closures to facilitate the current phase of construction.

iii. Contact information:

Michael J. Chiappetta, Project Director,
Corporate Construction UPMC
U.S. Steel Tower, Floor 60
600 Grant Street
Pittsburgh, PA 15219
Phone: 412.864.4013
Cell: 412.735.1182
Email: chiappettamj@upmc.edu

iv. The original / final price:

\$350,000,000 / \$350,000,000*

*Ongoing (Mascaro is the majority partner in a joint venture with Barton Malow.)

v. The original / actual completion date:

February 28, 2019 / May 24, 2022*

*Ongoing with substantial completion tentatively scheduled for March 28, 2022

vi. Performance rating:

On August 8, 2019, Mike Chiappetta completed a performance evaluation based on Mascaro's five metrics of safety, quality, schedule, budget, and client satisfaction. Mascaro received a score of 4.6 out of a possible 5.0, noting that, "The project is off to a good start."

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2018 
U.S. Department of Labor
 Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name Mascaro Construction Companies
 City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:								
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:				On job transfer or restriction (days)		Away from work (days)		Check the "injury" column or choose one type of illness:				
						Death	Days away from work	Remained at work		On job transfer or restriction (days) (K)	Away from work (days) (L)	(M)						
						(G)	(H)	Job transfer or restriction	Other recordable cases			(I)	(J)	Injury	Skin Disorder	Respiratory Condition	Poisoning	All other illnesses
												(1)	(2)	(3)	(4)	(5)		
1		Labor Foreman	2-2-18		Employee changing blade on BS-110 scraper with hand pressed on to blade. Machine shifted causing cut to hand.				x			x						
2		Carpenter	3-15-18		Two employees were passing a 24V cordless saw from one to the other. Jason on the deck asked Matt on the base mat to hand the saw up to him. Matt handed the saw up to Jason by the handle with his fingers on/near the trigger. Jason reached for the saw by the bottom near blade. As Matt let go of the tool, his finger hit the trigger and the saw turned on and caused laceration to Jason's right middle finger.				x			x						
3		Carpenter	6-5-18		Robert was unloading drywall into a second floor window. The window was protected via a hinged plywood door. As he was unloading, his hand caught the end of a screw tip that was protruding from the plywood on the hinge door and lacerated the back of his right hand.				x			x						
4		Iron Worker	9-12-18		Crew was lowering support column in a vertical position to basement floor through a hatch door. Michael was on the basement floor in position to assist column positioning. As employee was moving cart, he reached for bottom end of column to start laying horizontal, steel chockers slipped, column shifted and struck employees left foot causing a fracture to the metatarsal bone.			x		78		x						
5		Iron Worker	9-13-18		At the start of the shift, Bryan was getting his tools out of van. He cradled a 60V cordless grinder in his left arm with the blade resting on his wrist. He reached back into the van to grab his gloves, as he did he inadvertently depressed the safety trigger with his body/van seat. The grinder had the battery pack in it at the time and when the trigger was depressed it lacerated his left wrist.			x		30		x						
6		Carpenter	9-20-18		John was prying track from a wall above the lockers. Working from a ladder, he pulled towards his face, the bar slipped and he struck himself in the face. His safety glasses caused a small laceration to his nose/eye.				x			x						
7		Laborer	9-25-18		Russel was cutting ceiling grid from a ladder with corded grinder. As he was cutting the ceiling grid gave way. Russell then lost balance. Due to applying minor pressure to the grinder, his right hand left the grinder handle to try to catch himself. This is when the grinder cut through his gloves and cut his right index finger at the knuckle.			x		62		x						
8		Iron Worker	10-11-18		James was shaking out metal girts. While holding wet metal girt, he felt it beginning to slip out of his glove/right hand. As the girt slipped out of his gloved right hand the girt started to rotate to his left, it then rotated back to his right and he tried to catch the girt with his right arm causing a laceration to his forearm.			x		5		x						
9		Laborer	12-21-18		Dante walked down the alley from the job site trailer to the site with tools in hand. Dante slipped and caught himself. His right leg slid to the right and his other leg slid/stayed towards the left. Injuring his right knee.				x			x						
10																		
Page totals						0	0	4	5	175	0	9	0	0	0	0		

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2018

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u> (G)	<u>0</u> (H)	<u>4</u> (I)	<u>5</u> (J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
<u>175</u> (K)	<u>0</u> (L)

Injury and Illness Types

Total number of... (M)	
(1) Injury	<u>9</u>
(2) Skin Disorder	<u>0</u>
(3) Respiratory Condition	<u>0</u>
(4) Poisoning	<u>0</u>
(5) All other illnesses	<u>0</u>

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification
1 5 4 2

Employment information

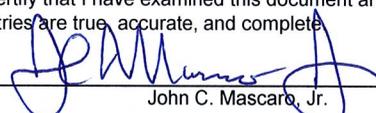
Annual average number of employees 621

Total hours worked by all employees last year 1,193,188

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

 President
John C. Mascaro, Jr. Title

412.321.4901 Phone #

1/31/19 Date

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2017
U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Mascaro Construction Companies

City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:					Check the "injury" column or choose one type of illness:							
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:				On job transfer or restriction (days)		Away from work (days)		(M)								
						Death (G)	Days away from work (H)	Remained at work (I) (J)		On job transfer or restriction (days) (K)	Away from work (days) (L)	Injury (1)	Skin Disorder (2)	Respiratory Condition (3)	Poisoning (4)	All other illnesses (5)						
1		Carpenter	4-3-17		Using open blade utility knife to cut plastic for ICRA containment. Dragging blade along 2x4, it slipped and made contact with top of left ring finger. (three stitches)				x											x		
2		Laborer	5-15-17		Loading 3/4" plywood sheets into a rolling A-Frame cart. As he placed the sheet onto the cart against the loaded sheets, it did not catch the cart bottom support. It slid down and struck the employee on the top of the left foot. (hairline non displaced fracture to the second metatarsal bone)				x				x									
3		Operator/ Mechanic	10-31-17		Crew was utilizing a forklift to load a rim into the bed of a pickup truck. The forklift hit a bump, the rim shifted on the forks. The employee reached in to steady the rim and got his right thumb caught inbetween the rim and fork. (laceration requiring stitches)				x				x									
4																						
5																						
6																						
7																						
8																						
9																						
10																						
Page totals						0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Injury (1)
 Skin Disorder (2)
 Respiratory Condition (3)
 Poisoning (4)
 All other illnesses (5)

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2017



U.S. Department of Labor
Occupational Safety and Health Administration
Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u> (G)	<u>0</u> (H)	<u>0</u> (I)	<u>3</u> (J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
<u>0</u> (K)	<u>0</u> (L)

Injury and Illness Types

Total number of...			
(M)			
(1) Injury	<u>3</u>	(4) Poisoning	<u>0</u>
(2) Skin Disorder	<u>0</u>	(5) All other illnesses	<u>0</u>
(3) Respiratory Condition	<u>0</u>		

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification

Employment information

Annual average number of employees 335

Total hours worked by all employees last year 1,033,180

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete

John C. Mascaro, Jr. President
Title
412.321.4901 Phone #
1-2-17 Date

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.



Year 2016
U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Mascaro Construction Companies
 City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:					Check the "injury" column or choose one type of illness:				
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:		On job transfer or restriction (days)		Away from work (days)	(M)								
						Death	Days away from work	Remained at work				Injury	Skin Disorder	Respiratory Condition	Poisoning	All other illnesses			
						(G)	(H)	Job transfer or restriction	Other recordable cases	(K)	(L)	(1)	(2)	(3)	(4)	(5)			
1		Piledriver	3-7-16		Employee was attempting to bend a lever back into place. He hit his thumb with a 4 lbs hammer.				x			x							
2		Carpenter	6-16-16		Employee was walking beside a forklift that was transporting a section of pipe. He stepped in front of the front wheel to steady the pipe and was hit in the foot by the rotating wheel.		x			180		x							
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Page totals						0	1	0	1	0	180	2	0	0	0	0			

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Injury (1)
 Skin Disorder (2)
 Respiratory Condition (3)
 Poisoning (4)
 All other illnesses (5)

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2016



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	1	0	1
(G)	(H)	(I)	(J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
0	180
(K)	(L)

Injury and Illness Types

Total number of... (M)	
(1) Injury	2
(2) Skin Disorder	0
(3) Respiratory Condition	0
(4) Poisoning	0
(5) All other illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification
1 5 4 2

Employment information

Annual average number of employees 522

Total hours worked by all employees last year 1,085,958

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

John C. Mascaro, Jr.
412.321.4901
Phone #

President
Title
2/28/17
Date



SECTION
T-1B

attachment 4

Provide a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years.

Mascaro Construction Company, LP has no health or safety citations for serious or willful violations in the past three years. Our commitment to providing excellence in construction services includes an unwavering corporate-wide commitment to the safety and well-being of its employees. Mascaro has established and implemented “best-in-class” safety and health programs that meet or exceed the OSHA safety and health regulations applicable to the construction industry. Mascaro safety and injury records are significantly below the industry averages as reported by the Bureau of Labor Statistics.

By Date

Results 1 - 9 of 9

Get Detail Select All Reset

	#	Activity	Opened	RID	St	Type	Sc	SIC	NAICS	Vio	Establishment Name
<input type="checkbox"/>	1	1399098.015	05/08/2019	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	2	1390761.015	04/03/2019	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	3	1327154.015	06/15/2018	0317500	PA	Referral	Partial		236210		Mascaro Construction
<input type="checkbox"/>	4	1311364.015	04/26/2018	0317500	PA	Planned	Complete		236220		Mascaro Construction Company
<input type="checkbox"/>	5	1310786.015	04/24/2018	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, Lp
<input type="checkbox"/>	6	1302286.015	03/15/2018	0317500	PA	Prog Related	Partial		236220		Mascaro Construction
<input type="checkbox"/>	7	1224535.015	04/11/2017	0317500	PA	Planned	Complete		236220		Mascaro Construction
<input type="checkbox"/>	8	1222828.015	04/06/2017	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	9	1203839.015	01/19/2017	0317500	PA	Planned	Complete		236220		Mascaro Construction



SECTION

T-1B

attachment 5

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmation, the firm shall submit in an Attachment 6 to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

Mascaro Construction Company, L.P. has no affirmative answers regarding any of the questions in Section 3 - Required Disclosures, therefore no written explanations are required.

SECTION

T-1C

**designated critical
work: general
foundation waterproofing**



mascaro
... build with the best

**APPENDIX F
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT**

COVER SHEET

Proposer Gibble Construction, Inc.

DGS Project Name State Archives

DGS Project Number 987-1

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C. If this information is not submitted with the Technical Submission, the Proposal will be rejected as non-responsive.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

- Foundation Waterproofing
- Roof Construction (type & scale)
- Cast-In-Place & Exposed Concrete Work
- Solar Shade
- Air Barrier Installation

HVAC Contractor (.2 Contract)

- Testing, Adjusting and Balancing
- Ductwork

Plumbing Contractor (.3 Contract)

- Fire Suppression

Electrical Contractor (.4 Contract)

- CCTV Security Surveillance Systems

Fiber Optic Contractor (.5 Contract)

- Cable Terminations and Testing

SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? 22 years

b) How many years has the firm been doing business in proposed contract field? 22 years

Under what former names has the firm conducted business?

c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

Maryland West Virginia Pennsylvania
Delaware New Jersey _____

d) If the firm is a corporation, provide the following information:

Date of incorporation 12/19/1997

State of incorporation Pennsylvania

President's name Anthony T. Cicero Jr.

Vice President's name(s) _____

Secretary's name _____

Treasurer's name _____

e) If the firm is a partnership, provide the following information:

Date of formation _____

Type of partnership _____

Names of partners _____

f) If the firm is individually owned, provide the following information:

Date of formation _____

Name of owner _____

g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 17 \$ 2,654,436.85

Year 18 \$ 2,810,759.19

Year 19 \$ 1,681,689.93 YTD AS OF 7/31/19

- b) Identify the percentage of work on similar projects the firm typically performs with its own work force 100%
- c) List the categories of work that the firm normally performs with its own forces on similar projects.

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

✦ 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and email address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1: 2018 .796
 Year 2: 2017 .796
 Year 3: 2016 .790

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2018 0
 Year 2: 2017 0
 Year 3: 2016 0

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2018 0
 Year 2: 2017 0
 Year 3: 2016 0

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.4 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
 Yes ___ No

- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project? Yes ___ No
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No
- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No
- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No
*Note: information regarding health and safety violations is addressed in a previous section.
- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No
- 3.12 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

GIBBLE CONSTRUCTION, INC.
CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAY FOAM INSULATION, POLY UREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Email nick@gibbleconstruction.com

August 21, 2019

WATERPROOFING PROJECT REFERENCES

Pinnacle Health York Hospital
Quandel Construction
1605 Loucks Road
York, PA 17408
Contract Value - \$185,000.00
Start Date – 11/30/2017
Finish Date – 7/31/2019

Geisinger Danville Hospital
Alvin H. Butz
100 N Academy Avenue
Danville, PA 17822
Contract Value - \$291,021.00
Start Date – Spring 2012
Finish Date – Winter 2014

State College High School
Lobar, Inc.
650 Westerly Parkway
State College, PA 16801
Contract Value - \$145,000.00.
Start Date – Fall 2015
Finish Date – August 2019

Harrisburg Federal Courthouse
Mascaro Construction
1500 N. 6th Street, STE 104
Harrisburg, PA 17102
Contract Value - \$425,000.00.
Start – May 2019
Finish – On-Going Schedule Projected to Finish Spring 2020

The Standard at State College
Landmark Construction
412 W. College Avenue
State College, PA 16801
Contract Value - \$425,000.00.
Start – May 2019
Finish – On-Going Schedule Projected to Finish Spring 2020

GIBBLE CONSTRUCTION, INC.

CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAY FOAM INSULATION, POLY UREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Email nick@gibbleconstruction.com

August 14, 2019

Mascaro Construction Company, L.P.
Mr. Patrick Harvey
1720 Metropolitan St
Pittsburgh, PA 15233

Subject: OSHA 300 Logs

Dear Patrick,

This letter is to certify that Gibble Construction, Inc. has had ten or less employees over the past three years. Gibble Construction, Inc. is also a registered small business in Pennsylvania.

Per the OSHA recordkeeping regulation, **“...employers with ten or fewer employees at all times during the previous calendar year are exempt from routinely keeping OSHA injury and illness records.”**
(<https://www.osha.gov/recordkeeping2014/records.html>)

Gibble Construction, Inc. also certifies that it has zero reported injuries for the last three years.

Please feel free to contact me at 717-665-7858 should more information be required.

Nick Cicero

Sincerely,

Anthony Cicero
Anthony Cicero

STATE OF Pennsylvania
COUNTY OF Lancaster
SUBSCRIBED AND SWORN TO BEFORE ME
THIS 14th DAY OF August, 2019
BY Anthony Cicero
Paulette K. Shumate
NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
PAULETTE K. SHUMATE, Notary Public
Elizabethtown Boro, Lancaster County
My Commission Expires August 01, 2021

SECTION

T-1C

**designated critical
work: general
roof construction**



mascaro
... build with the best

APPENDIX F
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT

COVER SHEET

Proposer Kalkreuth Roofing and Sheet Metal, Inc.

DGS Project Name State Archives & Record Center Annex (Harrisburg, Dauphin Co., Pennsylvania)

DGS Project Number DGS C-0987-0001 Phase 1

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C. If this information is not submitted with the Technical Submission, the Proposal will be rejected as non-responsive.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

- Foundation Waterproofing
- Roof Construction (type & scale)
- Cast-In-Place & Exposed Concrete Work
- Solar Shade
- Air Barrier Installation

HVAC Contractor (.2 Contract)

- Testing, Adjusting and Balancing
- Ductwork

Plumbing Contractor (.3 Contract)

- Fire Suppression

Electrical Contractor (.4 Contract)

- CCTV Security Surveillance Systems

Fiber Optic Contractor (.5 Contract)

- Cable Terminations and Testing

SECTION 1 – FIRM INFORMATION

1.1 Background Information

- a) How many years has the firm been in business? 34

- b) How many years has the firm been doing business in proposed contract field? 34

Under what former names has the firm conducted business?

None

- c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

West Virginia Ohio, Pennsylvania Maryland, DC
Virginia, Kentucky Indiana, New Jersey Delaware, Florida

- d) If the firm is a corporation, provide the following information:

Date of incorporation 11/13/1984
State of incorporation West Virginia
President's name James J. Hurley John L. Kalkreuth, Chairman
Vice President's name(s) Patrick E. Hurley, Ohio Div. J. David Hesse, Maryland Div.
Secretary's name Wesley H. Nickell
Treasurer's name James J. Hurley

- e) If the firm is a partnership, provide the following information:

Date of formation _____
Type of partnership _____
Names of partners _____

- f) If the firm is individually owned, provide the following information:

Date of formation _____
Name of owner _____

- g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:
- Year 2018 \$ 120,000,000
- Year 2017 \$ 99,456,000
- Year 2016 \$ 93,446,000
- b) Identify the percentage of work on similar projects the firm typically performs with its own work force 98%
- c) List the categories of work that the firm normally performs with its own forces on similar projects. Roofing and Metal Wall Panels

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

✦ 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and email address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1:	<u>2018</u>	<u>0.76</u>
Year 2:	<u>2017</u>	<u>0.97</u>
Year 3:	<u>2016</u>	<u>0.99</u>

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1:	<u>2018</u>	<u>1.25</u>
Year 2:	<u>2017</u>	<u>1.28</u>
Year 3:	<u>2016</u>	<u>1.10</u>

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1:	<u>2018</u>	<u>2.97</u>
Year 2:	<u>2017</u>	<u>3.32</u>
Year 3:	<u>2016</u>	<u>3.56</u>

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.4 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
Yes ___ No X

- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No X
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project? Yes ___ No X
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No X
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No X
- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No X
- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No X
- *Note: information regarding health and safety violations is addressed in a previous section.
- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No X
- 3.12 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No X

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

Attachment 1

3 Projects Similar Scope & Size

Project Name	Allegheny County Jail Roof Replacement	
Location	Pittsburgh, PA	
Owner	County of Allegheny	
Architect	Florida Consulting	412-638-6658
Prime Contractor	N/A	
Contact	Kristin Kennedy	
Phone #	412-638-6658	
Contract Amount	\$1,183,455	
Scope of Work	EPDM reroofing	
Completion Date	December-19	

Project Name	PNC Plaza Tower	
Location	Pittsburgh, PA	
Owner	PNC Bank	
Architect	Gensler	412-454-2180
Prime Contractor	PJ Dick, Inc.	
Contact	Matt George	
Phone #	412-807-2000	
Contract Amount	\$1,549,000	
Scope of Work	TPO A/Pavers & Vegetative Roofing	
Completion Date	May-19	

Project Name	PSU Millennium Science Complex	
Location	State College, PA	
Owner	The Pennsylvania State University	
Architect	RV Architects, LLC	212-924-5060
Prime Contractor	Whiting-Turner Contracting Company	
Contact	Steve Fisher	
Phone #	410-821-1100	
Contract Amount	\$2,560,000	
Scope of Work	Garden Roofing	
Completion Date	August-11	

OSHA's Form 300A (Rev. 01/2004) Summary of Work-Related Injuries and Illnesses

Year 2016 

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	3	1	9
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
540	11
(K)	(L)

Injury and Illness Types

Total number of... (M)	(1) Injury	(2) Skin Disorder	(3) Respiratory Condition	(4) Poisoning	(5) Hearing Loss	(6) All Other Illnesses
	13	0	0	0	0	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name Kaikreuth Roofing & Sheet Metal, Inc.

Street 53 - 14th Street PO Box 6399

City Wheeling State West Virginia Zip 26003

Industry description (e.g., Manufacture of motor truck trailers)
Roofing

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 6 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment Information

Annual average number of employees 400

Total hours worked by all employees last year 729,816

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

VP, F. ...
Company executive

304-232-8540
Phone

1/25/17
Date

Revised

OSHA's Form 300 (Rev. 01/2004) Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2016



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you are not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Kalkreuth Roofing & Sheet Metal, Inc

City Wheeling State West Virginia

Identify the person		Describe the case		Classify the case				Enter the number of days the injured or ill worker was:									
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:					
						Death	Days away from work	Remained at work		Away From Work (days)	On job transfer or restriction (days)	(M)					
						(G)	(H)	Job transfer or restriction	Other recordable cases	(K)	(L)	Injury	Skin Disorder	Respiratory Condition	Poisoning	Hearing Loss	All other illnesses
						(I)	(J)	(I)	(J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)	(6)
16-01		Journeyman Roofer	1/4/16	Jobsite Roof Baltimore MD	Employee was carrying heavy rolls of roofing material and experienced pain in the RT Shoulder. Employee was diagnosed with torn rotator cuff.		x			180		x					
16-02		Journeyman Roofer	3/24/16	Jobsite Roof Zanesville OH	Employee walked off roof and sustained multiple fractures.		x			180		x					
16-03		Apprentice Roofer	4/6/16	Jobsite Roof Washington DC	Employee was walking across metal decking and stepped in a low flute and rolled ankle. Diagnosed with torn ligament that required surgery to fix.		X			180		X					
16-04		Apprentice Roofer	8/1/16	Jobsite Roof Ashburn VA	Employee experienced symptoms of heat stroke and was taken to the hospital. Employee was given IV Fluids				X			X					
16-05		Apprentice Roofer	8/8/16	Jobsite Roof Lexington KY	Employee was moving materials and he got dust in his eyes. He was diagnosed with corneal abrasion and given a prescription				X			X					
16-06		Journeyman Roofer	8/29/16	Jobsite Roof Marysville OH	Running stand up screw gun and the gun slipped off the crew causing employee to stain his back. Diagnosed with a strain and was given a prescription.				X			X					
16-07		Journeyman Roofer	9/1/16	Jobsite Roof Columbus OH	Employee stepped on a nail and it penetrated his left foot. Employee was treated at hospital and received a prescription.				X			X					
16-08		Journeyman Roofer	9/23/16	Jobsite Roof Lexington KY	Employee stepped in a low flute while walking across metal decking rolling his left ankle. Diagnosed with a sprained ankle and was given a brace and prescription.				X			X					
16-09		Journeyman Roofer	10/4/16	Jobsite Roof Cleveland OH	A roll of metal hit the employee in the right knee. He was diagnosed with a right knee sprain and was given a prescription.				X			X					
16-10		Driver	11/1/16	Yard Warehouse Glendale WV	Taking rack off truck and felt something pop in his right shoulder. Diagnosed with partial torn rotator cuff.				X			X					
16-11		Journeyman Roofer	11/2/16	Jobsite Roof Ashburn VA	Employee was pushing a wheelbarrow and ran into something causing him to jar his left knee. He was diagnosed with a sprain, given a prescription and physical therapy.			X		11		X					
16-12		Apprentice Roofer	11/14/16	Jobsite Wheeling WV	Employee tripped while walking down scaffolding stair tower. Tried to catch himself and contacted a pin on the scaffolding that cut his left hand. Received 12 stitches.				X			X					
16-13		Journeyman Roofer	12/19/16	Jobsite Ground Washington DC	Employee fell off ladder while installing waterproofing. Sustained contusion to right elbow, shoulder, and hip. Was given a prescription and				X			X					
Page totals						0	3	1	9	540	11	13	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this data collection, including suggestions for reducing the burden, to Washington Headquarters Office, U.S. Department of Labor, Occupational Safety and Health Administration, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed form to this office.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35. In OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
(G)	(H)	(I)	(J)
1	2	3	7

Number of Days	Total number of days of job transfer or restriction
(K)	(L)
285	110

Injury and Illness Types	Total number of...
(1) Injury (M)	13
(2) Skin Disorder	0
(3) Respiratory Condition	0
(4) Poisoning	0
(5) Hearing Loss	0
(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3844, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment Information

Your establishment name Kalkreuth Roofing & Sheet Metal, Inc.
 Street 53 - 14th Street PO Box 6399
 City Wheeling State West Virginia ZIP 26003
 Industry description (e.g., Manufacture of motor truck trailers)
Roofing
 Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 6 1
 OR North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment Information

Annual average number of employees 420
 Total hours worked by all employees last year 782,408

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

VP Finance
 Company executive Title
304-232-8570 Phone
1/6/18 Date

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2017
U.S. Department of Labor
Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name: Kalkreuth Roofing & Sheet Metal, Inc
City: Wheeling State: West Virginia
From approved OMB no. 1218-0176

(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	Classify the case					Check the "injury" column or choose one type of illness.							
						Death	Days away from work	Job transfer or restriction	Other recordable cases	Away from Work (days)	On job transfer or restriction (days)	(1) Injury	(2) Skin Disorder	(3) Respiratory Condition	(4) Poisoning	(5) Hearing Loss	(6) All other illnesses	
17-01	XXXXXXXXXX	Journeyman Roofer	1-10-17	Jobsite Roof Virginia	Employee was walking across roof and slipped on ice and fell. Diagnosed with Lumbar Contusion.	(G)	(H)	(I)	(J)	(K)	(L)	X						
17-02	XXXXXXXXXX	Journeyman Roofer/Supervisor	1-10-17	Jobsite Parking lot Columbus OH	Employee was walking across parking lot and slipped on ice and twisted Right Knee. Diagnosed with a torn medial meniscus				X									
17-03	XXXXXXXXXX	Journeyman Roofer	1-13-17	Roof Lexington KY	Employee picked up a piece of plywood that was not marked hole and walked into a hole that was under it falling 25ft. Employee died from injuries sustained	X												
17-04	XXXXXXXXXX	Warehouse Driver	1-16-17	Ohio Jobsite	While Loading Metal on truck a piece fell and struck the employees Right Thigh causing a cut, 11 stitches				X			X						
17-05	XXXXXXXXXX	Journeyman Roofer	1-26-17	Roof Washington DC	Employee was cutting membrane with a knife when it slipped causing him to cut his right forearm. Received 2 staples.				X			X						
17-06	XXXXXXXXXX	Apprentice Roofer	2-15-17	Roof Reston VA	Employee was carrying 2 buckets up the steps when he tripped and fell. He tried to catch himself and landed awkwardly on his left hand and broke his left ring finger.			X										
17-07	XXXXXXXXXX	Apprentice Roofer	3-8-17	Roof College Park MD	A roll of roofing material fell off a pallet and hit the employee in his LT Knee.		X			180		X						
17-08	XXXXXXXXXX	Apprentice Roofer	3-28-17	Roof Columbus OH	Cutting Flashing with a utility knife and it slipped causing him to cut his Left Thigh. 3 stitches.				X			X						
17-09	XXXXXXXXXX	Journeyman Roofer	7-19-17	Roof College Park MD	When transitioning from flat roof to barrel roof employee wasted left knee.			X				X						
17-10	XXXXXXXXXX	Journeyman Roofer	7-27-17	Roof College Park MD	Employee strained lower back while lifting tear-off debris			X										
17-11	XXXXXXXXXX	Journeyman Roofer / Crane Operator	9-17-17	Interstate 70 Bypassville OH	Employee was driving crane to jobsite when right front tire blew causing crane to go off roadway and overturn. Employee sustained Head, Neck, and Shoulder injuries		X			105		X						
17-12	XXXXXXXXXX	Journeyman Roofer	10-18-17	Ohio Jobsite Roof	Cut Left Ring finger on metal while flipping flashing off of a curb. Received 4 stitches.				X			X						
17-13	XXXXXXXXXX	Journeyman Roofer	11-29-17	Ohio Jobsite Roof	Cut Left Middle finger adjusting the blade on circular saw. 3 stitches.				X			X						
Page totals						1	2	3	7	285	110	13	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection contact: US Department of Labor, OSHA Office of Statistics, Room N-3944, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2018



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

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Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	4	1	7
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
507	88
(K)	(L)

Injury and Illness Types

Total number of...			
(M)			
(1) Injury	12	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment Information

Your establishment name Kalkreuth Roofing & Sheet Metal, Inc. - Corporate

Street 53 - 14th Street PO Box 6399

City Wheeling State West Virginia Zip 26003

Industry description (e.g., Manufacture of motor truck trailers)
Roofing

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
1 7 6 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information

Annual average number of employees 430

Total hours worked by all employees last year 808,941

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Wayne H. Munn
Company executive

_____ Phone

VP Finance
Title

1/21/19
Date

OSHA's Form 300 (Rev. 01/2004) Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2018
U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Kalkreuth Roofing & Sheet Metal, Inc

City Wheeling State West Virginia

Identify the person		Describe the case				Classify the case				Enter the number of days the injured or ill worker was:							
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Away From Work (days)		Check the "injury" column or choose one type of illness:					
						Death	Days away from work	Remained at work		Away From Work (days)	On job transfer or restriction (days)						
						(G)	(H)	Job transfer or restriction	Other recordable cases	(K)	(L)	Injury	Skin Disorder	Respiratory Condition	Poisoning	Hearing Loss	All other illnesses
						(I)	(J)	(M)	(N)	(O)	(P)	(1)	(2)	(3)	(4)	(5)	(6)
18-01	XXXXXXXXXX	Warehouse / Driver	1/17/18	Office Parking Lot Frederick MD	Employee was walking across parking lot and slipped on ice and fell. He tried to catch himself and injured his right shoulder. Diagnosed with a sprain and given a prescription.			X			88	X					
18-02	XXXXXXXXXX	Journeyman Roofer	3/2/18	Jobsite Lexington KY	Employee slipped on ice on roof and fell onto roof. Employee had pain in his left knee. Was diagnosed with a meniscal tear. Prescription and Physical therapy with possible future surgery.				X			X					
18-03	XXXXXXXXXX	Foreman Roofer	3/10/18	Jobsite Alexandria VA	Employee was tightening a drain bolt when the bolt broke causing him to strike his RT pinky finger on the drain ring fracturing that finger. Finger was splinted and received prescription.				X			X					
18-04	XXXXXXXXXX	Journeyman Roofer	3/14/18	Jobsite Cleveland OH	Employee was fleeing traffic on jobsite and a vehicle ran over his right foot. Diagnosed with a contusion and given prescription.				X			X					
18-05	XXXXXXXXXX	Journeyman Roofer	3/22/18	Landfill Wheeling WV	Employee was unloading tear-off debris from truck at landfill and strained lower back. Was diagnosed with a strain. Given prescription and physical therapy.		X				180	X					
18-06	XXXXXXXXXX	Warehouse / Driver	4/6/18	Warehouse Columbus OH	Employee was stacking 4x4 boards of insulation when the pile fell over and struck him in his RT Knee. Was diagnosed with a sprain. Given a prescription and physical therapy.				X			X					
18-07	XXXXXXXXXX	Warehouse / Driver	4/13/18	Warehouse Parking Lot Columbus OH	Employee was lifting 100lb propane tanks out of truck and strained back. Diagnosed with a strain given a prescription and physical therapy.				X			X					
18-08	XXXXXXXXXX	Journeyman Roofer	5/23/18	Jobsite Athens OH	Employee was climbing an extension ladder to an upper roof level when the ladder kicked out. The ladder was properly secured at the top and ripped the gutter off when it fell. Employee rode ladder down and broke both ankles when he landed.		X				180	X					
18-09	XXXXXXXXXX	Warehouse / Driver	7/30/18	Office Parking Lot Frederick MD	Employee was scraping decals off of company van and the corner slipped and he hit himself in the forehead causing a cut. Employee received stitches.				X			X					
18-10	XXXXXXXXXX	Apprentice Roofer	8/10/18	Vehicle Cleveland OH	Employee was passenger in company vehicle that was involved in a motor vehicle accident. Employee had pain in neck. Was diagnosed with herniated disks. Was given prescriptions and physical therapy.				X			X					
18-11	XXXXXXXXXX	Journeyman Roofer	8/28/18	Jobsite Columbus OH	Employee was lifting a roll of cap sheet and experienced sharp pain in his lower back. Was diagnosed with a strain and was given a prescription and Physical Therapy.		X				142	X					
18-12	XXXXXXXXXX	Apprentice Roofer	11/29/18	Jobsite Erie PA	Employee was pulling a cart of dens deck across a white roof and slipped on ice and fell. Employee had pain in lower back. Was diagnosed with a strain and was given a prescription.		X				6	X					
Page totals						0	4	1	7	507	88	12	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Injury
Skin Disorder
Respiratory Condition
Poisoning
Hearing Loss
All other illnesses
(1) (2) (3) (4) (5) (6)



2014 thru 2018 OSHA Citations & CAP's

06/23/2014 Prog. Related OH Safety – Construction (2) Fall protection related citations. Refresher training was conducted and new hire policy was initiated.

08/13/2014 Prog. Related VA Safety N,P Target Complete Inspection – No Citations were issued.

10/2/14 Planned PA Safety Emphasis Falls – (1) Citation Fall protection - Employee Negligence. Employee was disciplined and retrained.

10/21/14 Planned OH Safety – Emphasis Fall – (2) Citations Issued Fall Related – Reorganized the safety department and hired additional safety staff. Required all foreman and project managers to attend 30hr OSHA Training.

06/23/2015 Prog. Related KY Safety-Construction 07/09/2015 – No Citations were issued

04/04/2016 Prog. Related OH Safety – Fall 08/08/2017 (1) – Refresher training was conducted and an emergency response program was developed.

11/29/2016 Prog. Related KY Safety 02/15/2017 – No Citations

01/13/2017 Fat/Cat KY Accident-Citation for holes not being color coded or marked, Citation for safety monitor having other responsibilities. Implementation of a daily Job Hazard Analysis

01/25/2017 Planned VA Safety N,P Target 04/14/2017 – No Citations

04/27/2017 Planned MD Safety S, P Fall Target 08/04/2017 (1) – Fall Protection refresher training was conducted

05/23/2017 Prog. Related KY Safety 09/21/2017 – No Citations

06/06/2017 Prog. Related WV Fall 03/06/2018 (1) – Citation for forklift operator not using spotters. Retrained forklift operator.

08/19/2017 Planned PA Fall 10/18/2017 (1) – Employee Negligence employee was instructed by safety department to correct missing midrail on scaffolding and the foreman did not. Received one osha citation. Conducted refresher training.

08/20/2018 Referral KY Safety Under Contest (1)

05/14/2019 Unprog. Related OH Safety Emphasis Fall

05/16/2019 Complaint VA Health Emphasis Fall

A handwritten signature in blue ink, appearing to read 'Seth Abraham', is written over a horizontal line.

Seth Abraham
Director of Human Resources & Safety
Kalkreuth Roofing & Sheet Metal

7/9/19
Date



Executive Summary

Kalkreuth Roofing and Sheet Metal, Inc., has serviced the roofing industry with dedication and integrity since 1920. With local offices in Ohio, West Virginia, Maryland, Pennsylvania and Kentucky, Kalkreuth has steadily grown in service capacity for its many customers.

Business Service

Kalkreuth services the roofing and exterior building envelope needs for a wide variety of valued customers. Our key services are: all types of roofing system and metal wall panel system installations, repairs, replacement, maintenance programs and inspection services. Kalkreuth also installs waterproofing systems, traffic coatings and other integrated systems. We not only provide installation services but also mobile service crews with emergency response capability in all primary markets we serve.

Markets Served

Our primary market consists of ten states in the eastern US, though we travel beyond our regular territory for key customers. We regularly work in Ohio, West Virginia, Pennsylvania, Maryland, Virginia, Washington DC, Kentucky, Indiana, Tennessee and New York. We have installed systems as far south as Alabama and as far west as Nebraska. Each Kalkreuth office has a dedicated division manager as well as service manager to ensure quality customer service and management presence.

Competitive Advantages

Kalkreuth's competitive advantages are based on resources and partnerships. We staff a large force of qualified service technicians and equipment for fast response, and we leverage the Dataforma tracking system which allows customers to electronically dispatch service requests. Kalkreuth caters to customers' needs with custom solutions; with one click or one phone call you get the response you need when you need it. Kalkreuth also employs a registered architect on staff for code interpretation and design-assist services, Richard Sunyoger AIA, NCARB, LEED A.P..

Management Team

The management team is led by John Kalkreuth, Chairman and James Hurley, President/CEO, both MBA graduates with over 35 years of experience in the industry.

Other members of corporate management who also have significant experience in the industry are:

- Wes Nickell, VP Finance. MBA graduate, CPA. Over 15 years experience in the industry
- Patrick Hurley, VP Columbus Division, with over 30 years of experience in the industry
- J. David Hesse, VP Maryland Division, with over 20 years of experience in the industry
- Rich Maltese, Operations Manager, with over 35 years of experience in the industry
- Chad McLeish, VP Estimating. MBA graduate with over 15 years of experience in the industry
- Jeff Piazza, Division Manager – Kentucky, 12 years of industry experience
- Steve Mitchell, Service Manager – Kentucky, 15 years of industry experience
- Shawn Snodgrass, Service Manager – West Virginia, 15 years of industry experience
- Steve Cook, Service Manager – Maryland, 15 years of industry experience
- Nathan Dickerson, Service Manager – Ohio, 15 years of industry experience

Corporate Office • P.O. Drawer 6399 • 53-14th Street • Wheeling, WV 26003 • (304) 232-8540 • Fax: (304) 233-5305
P.O. Box 4008, Frederick, MD 21705-4008 • 5726 Industry Lane, Frederick, MD 21704 • (301) 418-6100 • Fax: (301) 695-0884
8345 Green Meadows Drive North • Lewis Center, OH 43035 • (740) 657-6400 • Fax (740) 549-1400
2131 Capstone Drive • Lexington, KY 40511 • (859) 231-7663 • Fax (859) 231-7669
119 Hidden Valley Road • Canonsburg, PA 15317 • (412) 489-6351
Website: www.krsm.net Email: krsm@krsm.net

EEO

SECTION

T-1C

**designated critical
work: general**

**cast-in-place and exposed
concrete work**



mascaro
... build with the best

**APPENDIX F
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT**

COVER SHEET

Proposer Mascaro Construction Company, LP
Phase 1
DGS Project Name New Construction State Archives & Record Center Annex
DGS Project Number DCS C-0987-0001

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C. If this information is not submitted with the Technical Submission, the Proposal will be rejected as non-responsive.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

Foundation Waterproofing
 Roof Construction (type & scale)
 Cast-In-Place & Exposed Concrete Work
 Solar Shade
 Air Barrier Installation

HVAC Contractor (.2 Contract)

Testing, Adjusting and Balancing
 Ductwork

Plumbing Contractor (.3 Contract)

Fire Suppression

Electrical Contractor (.4 Contract)

CCTV Security Surveillance Systems

Fiber Optic Contractor (.5 Contract)

Cable Terminations and Testing

SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? **31 years** _____

b) How many years has the firm been doing business in proposed contract field? **31** _____

Under what former names has the firm conducted business?

Mascaro, Inc. (1988 – 1996)

c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

Pennsylvania

Maryland

West Virginia

Ohio

New Jersey

New York

South Carolina

Virginia

Florida

D.C.

d) If the firm is a corporation, provide the following information:

Date of incorporation **N/A**

State of incorporation _____

President's name _____

Vice President's name(s) _____

Secretary's name _____

Treasurer's name _____

e) If the firm is a partnership, provide the following information:

Date of formation **January 1, 1996**

Type of partnership **Limited**

Names of partners **John C. Mascaro, Jr.; Jeffrey M. Mascaro; Michael R. Mascaro**

f) If the firm is individually owned, provide the following information:

Date of formation **N/A**

Name of owner _____

g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year	2018	\$	313 million
Year	2017	\$	258 million
Year	2016	\$	297 million

- b) Identify the percentage of work on similar projects the firm typically performs with its own work force **20-30%**
- c) List the categories of work that the firm normally performs with its own forces on similar projects. **selective demolition, clearing and grubbing, pile driving, site utilities, excavating and grading, structural excavation, structural erection, concrete, carpentry (rough and finish), drywall, and acoustical.**

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

✦ 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and email address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1	<u>2018</u>	<u>0.711</u>
Year 2	<u>2017</u>	<u>0.725</u>
Year 3	<u>2016</u>	<u>0.668</u>

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1	<u>2018</u>	<u>0.00</u>
Year 2	<u>2017</u>	<u>0.00</u>
Year 3	<u>2016</u>	<u>0.18</u>

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1	<u>2018</u>	<u>1.51</u>
Year 2	<u>2017</u>	<u>0.58</u>
Year 3	<u>2016</u>	<u>0.37</u>

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X-
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X-
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity? Yes ___ No X-
- 3.4 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
Yes ___ No X-

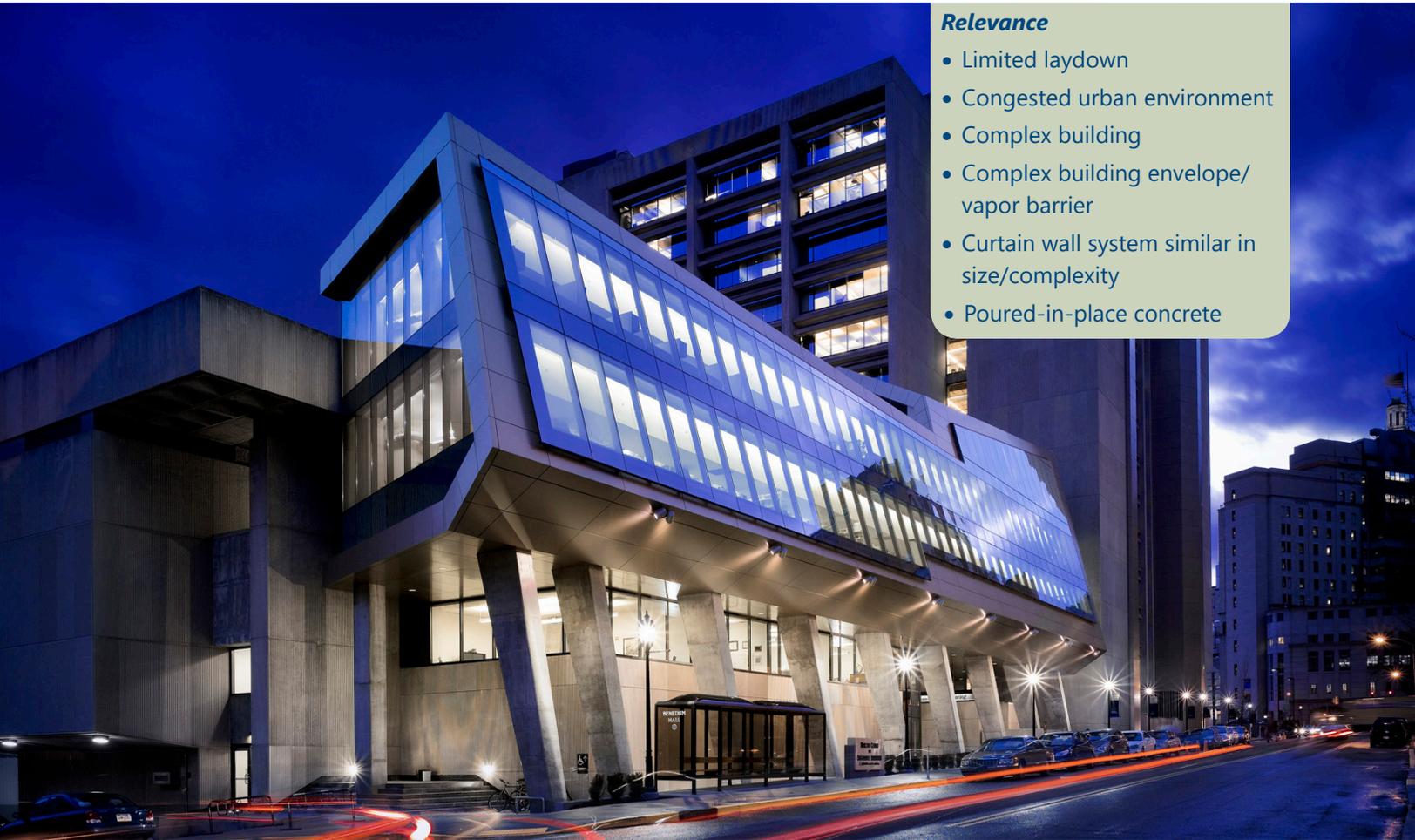
- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No X-
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project? Yes ___ No X-
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No X-
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No X-
- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No X-
- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No X-
- *Note: information regarding health and safety violations is addressed in a previous section.
- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No X-
- 3.12 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No X-

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.



Relevance

- Limited laydown
- Congested urban environment
- Complex building
- Complex building envelope/vapor barrier
- Curtain wall system similar in size/complexity
- Poured-in-place concrete

i. Project 1, type, and location:

Mascaro Center for Sustainable Innovation (MCSI)

Pittsburgh, PA

Office/research/new construction/renovation

ii. Description/relevance:

The Mascaro Center for Sustainable Innovation (MCSI) found a new headquarters within the expansion and renovation of Benedum Hall at the University of Pittsburgh. A 20,000-square-foot addition was constructed and integrated into the existing engineering building. The new building extends across the plaza, connecting the main tower to the auditorium building. The second floor in the tower is also part of MCSI and was completely renovated to meet MCSI's needs for new research and administrative space. MCSI is home to over 100 faculty, staff, and students; the new space contains offices, wet and dry labs, conference rooms, and team spaces.

The addition required the design of a custom support system to withstand the anticipated loads and still achieve the desired appearance. It was decided early on that concrete would be the focal point of the project. An added benefit was that the reinforced, cast-in-place concrete frame and deck would help the new addition line up with the existing floors in Benedum Hall.

Mascaro self-performed the concrete foundations and three-story, cast-in-place structure. The three levels of decking consist of 12-inch thick, reinforced concrete supported slab. The 12-inch depth is required due to asymmetrical column layout and large cantilevers. Each level has two, 24-inch deep by 40-inch wide beams. The deck features a 25-foot cantilever extending over the plaza.



The exterior framing along O'Hara Street consists of nine, 30-foot exterior columns that ascend from the plaza level to the roof. For aesthetic purposes, each of the nine columns tapers from 2-foot, 6-inches at the basement level to 5 foot at level two; and from level two to the roof, it tapers back to 2-foot, 6-inches. To support the cantilevered structure, seven columns, 24 feet in height, originate from the subbasement level to the underside of the basement level, and one column starts in the basement level. Only six out of the 17 columns are plumb; the rest slope 15 degrees from vertical.

On the plaza side, Y and K columns support the deck and grand staircase, as well as visual interest. The staircase has 15-foot by 8-foot landings to provide respite as students travel from the basement to the second-floor level.

Benedum Hall has a honeycomb slab system. The column construction required creating 5-foot by 5-foot openings in Benedum Hall's honeycomb slab system to accommodate the concrete form system. The formwork was either hand constructed or constructed off-site and then put in place with a crane.

Managing the pour rates for the columns took careful planning. Pump trucks were sequenced to pour consistent depths in each of the columns, i.e., five feet during one delivery, seven feet during the next. The next set of pours had to occur before the concrete began to cure from the previous pour. The challenge was to develop a plan to maximize concrete delivery so that money wasn't wasted on bringing out a

truck for a single column pour. The formwork for the sloping columns had to stay in place for three days and achieve 60% design strength prior to stripping formwork.

iii. Contact information:

Gena Kovalcik, Co-Director
 Mascaro Center for Sustainable Innovation
 University of Pittsburgh
 153 Benedum Hall, 3700 O'Hara Street
 Pittsburgh, PA 15261
 Phone: 412.624.9698
 Email: gmk9@pitt.edu

iv. The original / final price:

\$15,600,000 / \$14,244,181*

Total construction value: \$000

*Project was a GMP with a contingency that resulted in a net savings of the owner.

v. The original / actual completion date:

April 10, 2009 / August 18, 2009*

*A time extension was granted due to the design changes that impacted the schedule.

vi. Performance rating:

"The creativity, expertise, professionalism, diligence and commitment of the Mascaro team made the MCSI project an overwhelming success."

Gena Kovalcik, Co-Director
 Mascaro Center for Sustainable Innovation
 University of Pittsburgh

"My dealings with Mascaro Construction were all positive. Their performance, which required maintaining major research and teaching activities adjacent to the construction, was exemplary. The construction went extremely smoothly due to their overall planning, staffing, quality of construction, and timely communications with the occupants and other University personnel. They exhibited professionalism and competency from top to bottom."

Schohn L. Shannon, Ph.D.
 Assistant Dean of Engineering
 Swanson School of Engineering



Relevance

- Limited laydown
- Congested urban environment
- Complex building
- Complex building envelope/vapor barrier
- Curtain wall system similar in size/complexity
- Poured-in-place concrete

i. Project 2, type, and location:

UPMC Vision and Rehabilitation Hospital at UPMC Mercy

Pittsburgh, PA

Healthcare/new construction

ii. Description/relevance:

The new 10-story UPMC Mercy Vision and Rehabilitation Hospital includes approximately 442,000 square feet of lab and research space, as well as outpatient clinical labs and surgery suites. Also included in the scope of work is a seven-story precast parking garage adjacent to the Vision Tower that will accommodate 1,077 vehicles.

Mascaro, the majority partner in a joint venture with Barton Malow, is self-performing excavation and concrete as well as the concrete superstructure for the project. Work includes:

- 10-story structural concrete building
- 4-story structural concrete building
- 2-story structural concrete parking

- 6-story precast parking
- 55,000 cubic yards of concrete
- 180,000 cubic yards of excavation.

The building consists of a two-floor cast-in-place below grade parking garage with a conventionally reinforced concrete superstructure. The superstructure extends five floors above grade for the South Tower while the West Tower is twelve floors.

The concrete foundation consists of spread footings and larger shear wall foundations at the elevators, the largest being over 1,000 cubic yard placement over eight foot thick. The structure consists of nearly 16 shear walls and over 180 columns with perimeter beams to support the additional load from the curtain wall system.



Due to the research and surgical equipment requirements, slabs are 12 inches thick or greater at 7,200 psi creating a unique finishing challenge for the 7,000 square foot pours while still maintaining floor flatness and levelness requirements in ACI. In addition, there are non-typical interfaces between the structural steel and concrete superstructure such as embedded structural steel columns and transitions between a structural steel column to concrete column.

Due to the tight, restricted site, careful planning was required for the site logistics and traffic control plans. Consideration to patient welfare, public safety, and the impact to operations was critical. The entrance to the emergency room, one of the busiest in the city of Pittsburgh, is directly opposite the site. Lane closures are phased to maintain access for all emergency response vehicles. With the lack of laydown areas, just in time deliveries are being implemented to allow minimal disruption to the operations of the hospital.

iii. Contact information:

Michael J. Chiappetta, Project Director,
 Corporate Construction
 UPMC
 U.S. Steel Tower, Floor 60
 600 Grant Street
 Pittsburgh, PA 15219
 Phone: 412.864.4013
 Cell: 412.735.1182
 Email: chiappettamj@upmc.edu

iv. The original / final price:

\$350,000,000 / \$350,000,000*

*Ongoing (Mascaro is the majority partner in a joint venture with Barton Malow.)

v. The original / actual completion date:

February 28, 2019 / May 24, 2022*

*Ongoing with substantial completion tentatively scheduled for March 28, 2022

vi. Performance rating:

On August 8, 2019, Mike Chiappetta completed a performance evaluation based on Mascaro's five metrics of safety, quality, schedule, budget, and client satisfaction. Mascaro received a score of 4.6 out of a possible 5.0, noting that, "The project is off to a good start."



- Relevance**
- Government facility
 - Limited laydown
 - Congested urban environment
 - Complex building
 - Multiple prime
 - Complex building envelope/vapor barrier
 - Curtain wall systems similar in size/complexity
 - Poured in place concrete
 - High-density shelving

i. *Project 3, type, and location:*
Pennsylvania Judicial Center
 Harrisburg, PA
 Government facility/new construction

ii. *Description/relevance:*
 With views of the domed Capitol Building, the Pennsylvania Judicial Center filled the last open area in the Harrisburg complex. Containing office space for more than 500 employees, the facility contains three courtrooms, including an En Banc Courtroom measuring more than 3,000 square feet, and two other 2,400 square feet courtrooms. Supporting the court system it also contains judge’s chambers, court administrative office space, a judicial library, and a conference and educational training center for the judiciary. A 98,000 square foot, below grade parking garage provides secure parking for 119 cars.

To maintain the project’s pace, Mascaro self-performed all concrete grade beams, pile caps, spread footings, rough carpentry, and all miscellaneous accessories.

The Pennsylvania Judicial Center deep foundations are approximately 15 feet below grade and adjacent to the Susquehanna River water table. Therefore, the management of the ground water was critical to the project budget and schedule. Mascaro was aware of the negative impact that excessive amounts of water would have on the construction of the caissons, grade beams, pile caps, and underground utilities.

To proactively address this situation, Mascaro teamed up with a local contractor to design, build, install, and maintain a ground water management system consisting of several large pumps, channels, piping, etc. to divert this enormous amount of water from the site. The plan, after several months of design, was implemented in time for the start of the caissons and worked extremely well throughout.

Due to its half-block location from the state capital, all deliveries were coordinated with the DGS, Heery (construction manager), and Capitol police. In particular, large deliveries required Mascaro to meet with them days in advance to identify what material was coming in, how it would enter



the site, how many trucks would be involved, and how long they would remain at the site. Deliveries were restricted during two key rush hour periods, 7 a.m. to 9 a.m. and 3 p.m. to 5 p.m. Many subcontractors held their deliveries outside of the city and brought them in during the evening hours. **Much of the concrete was schedule in the late evening or early morning hours.** Team meetings included addressing what was coming in and at what time, where it would go, and how it was going to be moved through the building.

Foundation work included 123 drilled piers, pile caps, grade beams, spread footings, and foundation walls. Mascaro placed 2.356 cubic yards of foundation concrete.

Lightweight concrete was used on the metal decks to help with the UL fire resistance rating of the structure, thus requiring only the beams and columns to be fireproofed. A typical slab-on-deck pour of 200+ yards of concrete began at 2:00 am and finished around 7:00 am in order to avoid the rush hour traffic around the state capitol. Closely following slab-on-deck pours, fireproofing was sprayed around the perimeter of the building to allow the masons to begin the perimeter CMU backup walls that support the limestone veneer while the sprayed fireproofing is completed on each floor.

The project was a finalist for the 2008 American Concrete Institute (ACI) Precast Concrete Systems Buildings.

iii. *Contact information:*

Dan Weinzierl, Director of Construction
 Pennsylvania Department of General Services
 Arsenal Building, Room 321
 18th & Herr Streets
 Harrisburg, PA
 Phone: 717.787.6330
 Email: dweinsierl@state.pa.us

iv. *The original / final price:*

\$78,950,000 / \$84,678,861*

Total construction value: \$117 million

**Owner added design changes to meet court and tenant requests. In addition, performance on project allowed owner to contract directly with Mascaro in lieu of using government contractors for owner-provided work.*

v. *The original / actual completion date:*

April 26, 2009 / April 26, 2009

vi. *Performance rating:*

“The Pennsylvania DGS does not provide written performance rating; please contact Dan Weinzierl. John Anthony of Heery International, who was the construction manager for the project, stated in a performance review for Mascaro:

“ Both the Department of General Services and the Judicial Branch were extremely satisfied with the building ... Mascaro established and maintained open and honest communication with the owner, architect, and construction manager.”

John F. Anthony, Project Manager
 Heery International, Inc.,
 Construction Manager

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2018 
U.S. Department of Labor
 Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name Mascaro Construction Companies
 City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:					Check the "injury" column or choose one type of illness:				
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:				On job transfer or restriction (days)		Away from work (days)		(M)					
						Death	Days away from work	Remained at work		On job transfer or restriction (days)	Away from work (days)	Injury	Skin Disorder	Respiratory Condition	Poisoning	All other illnesses			
						(G)	(H)	Job transfer or restriction	Other recordable cases								(K)	(L)	(1)
1		Labor Foreman	2-2-18		Employee changing blade on BS-110 scraper with hand pressed on to blade. Machine shifted causing cut to hand.				x				x						
2		Carpenter	3-15-18		Two employees were passing a 24V cordless saw from one to the other. Jason on the deck asked Matt on the base mat to hand the saw up to him. Matt handed the saw up to Jason by the handle with his fingers on/near the trigger. Jason reached for the saw by the bottom near blade. As Matt let go of the tool, his finger hit the trigger and the saw turned on and caused laceration to Jason's right middle finger.				x				x						
3		Carpenter	6-5-18		Robert was unloading drywall into a second floor window. The window was protected via a hinged plywood door. As he was unloading, his hand caught the end of a screw tip that was protruding from the plywood on the hinge door and lacerated the back of his right hand.				x				x						
4		Iron Worker	9-12-18		Crew was lowering support column in a vertical position to basement floor through a hatch door. Michael was on the basement floor in position to assist column positioning. As employee was moving cart, he reached for bottom end of column to start laying horizontal, steel chockers slipped, column shifted and struck employees left foot causing a fracture to the metatarsal bone.			x			78		x						
5		Iron Worker	9-13-18		At the start of the shift, Bryan was getting his tools out of van. He cradled a 60V cordless grinder in his left arm with the blade resting on his wrist. He reached back into the van to grab his gloves, as he did he inadvertently depressed the safety trigger with his body/van seat. The grinder had the battery pack in it at the time and when the trigger was depressed it lacerated his left wrist.			x			30		x						
6		Carpenter	9-20-18		John was prying track from a wall above the lockers. Working from a ladder, he pulled towards his face, the bar slipped and he struck himself in the face. His safety glasses caused a small laceration to his nose/eye.				x				x						
7		Laborer	9-25-18		Russel was cutting ceiling grid from a ladder with corded grinder. As he was cutting the ceiling grid gave way. Russell then lost balance. Due to applying minor pressure to the grinder, his right hand left the grinder handle to try to catch himself. This is when the grinder cut through his gloves and cut his right index finger at the knuckle.			x			62		x						
8		Iron Worker	10-11-18		James was shaking out metal girts. While holding wet metal girt, he felt it beginning to slip out of his glove/right hand. As the girt slipped out of his gloved right hand the girt started to rotate to his left, it then rotated back to his right and he tried to catch the girt with his right arm causing a laceration to his forearm.			x			5		x						
9		Laborer	12-21-18		Dante walked down the alley from the job site trailer to the site with tools in hand. Dante slipped and caught himself. His right leg slid to the right and his other leg slid/stayed towards the left. Injuring his right knee.				x				x						
10																			
Page totals						0	0	4	5	175	0	9	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2018

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u> (G)	<u>0</u> (H)	<u>4</u> (I)	<u>5</u> (J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
<u>175</u> (K)	<u>0</u> (L)

Injury and Illness Types

Total number of... (M)	
(1) Injury	<u>9</u>
(2) Skin Disorder	<u>0</u>
(3) Respiratory Condition	<u>0</u>
(4) Poisoning	<u>0</u>
(5) All other illnesses	<u>0</u>

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

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Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification
1 5 4 2

Employment information

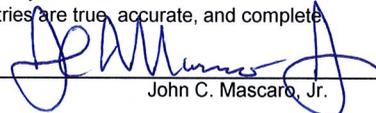
Annual average number of employees 621

Total hours worked by all employees last year 1,193,188

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.



John C. Mascaro, Jr.
President
Title

412.321.4901
Phone #

1/31/19

Date

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2017
U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Mascaro Construction Companies
 City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:					Check the "injury" column or choose one type of illness:				
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:				On job transfer or restriction (days)		Away from work (days)		(M)					
						Death	Days away from work	Remained at work		(K)	(L)	(1)	(2)	(3)	(4)	(5)			
						(G)	(H)	Job transfer or restriction	Other recordable cases								(J)		
1		Carpenter	4-3-17		Using open blade utility knife to cut plastic for ICRA containment. Dragging blade along 2x4, it slipped and made contact with top of left ring finger. (three stitches)				x					x					
2		Laborer	5-15-17		Loading 3/4" plywood sheets into a rolling A-Frame cart. As he placed the sheet onto the cart against the loaded sheets, it did not catch the cart bottom support. It slid down and struck the employee on the top of the left foot. (hairline non displaced fracture to the second metatarsal bone)				x					x					
3		Operator/ Mechanic	10-31-17		Crew was utilizing a forklift to load a rim into the bed of a pickup truck. The forklift hit a bump, the rim shifted on the forks. The employee reached in to steady the rim and got his right thumb caught inbetween the rim and fork. (laceration requiring stitches)									x					
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Page totals						0	0	0	3	0	0	3	0	0	0	0	0		

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

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Injury (1)
 Skin Disorder (2)
 Respiratory Condition (3)
 Poisoning (4)
 All other illnesses (5)

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2017



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

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Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

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Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>
(G)	(H)	(I)	(J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
<u>0</u>	<u>0</u>
(K)	(L)

Injury and Illness Types

Total number of...			
(M)			
(1) Injury	<u>3</u>	(4) Poisoning	<u>0</u>
(2) Skin Disorder	<u>0</u>	(5) All other illnesses	<u>0</u>
(3) Respiratory Condition	<u>0</u>		

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Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification

Employment information

Annual average number of employees 335

Total hours worked by all employees last year 1,033,180

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete

John C. Mascaro, Jr. President
Title
412.321.4901 Phone #
1-2-17 Date

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2016



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

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Establishment name Mascaro Construction Companies

City Pittsburgh State Pennsylvania

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:					Check the "injury" column or choose one type of illness:				
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:		On job transfer or restriction (days)		Away from work (days)	(M)								
						Death	Days away from work	Remained at work											
								Job transfer or restriction	Other recordable cases		Injury	Skin Disorder	Respiratory Condition	Poisoning	All other illnesses				
						(G)	(H)	(I)	(J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)			
1		Piledriver	3-7-16		Employee was attempting to bend a lever back into place. He hit his thumb with a 4 lbs hammer.				x			x							
2		Carpenter	6-16-16		Employee was walking beside a forklift that was transporting a section of pipe. He stepped in front of the front wheel to steady the pipe and was hit in the foot by the rotating wheel.		x			180		x							
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Page totals						0	1	0	1	0	180	2	0	0	0	0			

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

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Injury (1)
 Skin Disorder (2)
 Respiratory Condition (3)
 Poisoning (4)
 All other illnesses (5)

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 2016



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

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Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	1	0	1
(G)	(H)	(I)	(J)

Number of Days

Total number of days of job transfer or restriction	Total number of days away from work
0	180
(K)	(L)

Injury and Illness Types

Total number of... (M)	
(1) Injury	2
(2) Skin Disorder	0
(3) Respiratory Condition	0
(4) Poisoning	0
(5) All other illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

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Establishment information

Your establishment name Mascaro Construction Companies

Street 1720 Metropolitan Street

City Pittsburgh State PA Zip 15233

Industry description
General, Heavy, Highway and Industrial Construction

Standard Industrial Classification
1 5 4 2

Employment information

Annual average number of employees 522

Total hours worked by all employees last year 1,085,958

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

John C. Mascaro, Jr.
President
412.321.4901
Phone #

2/28/17
Date



**SECTION
T-1C**

attachment 3

Provide a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years.

Mascaro Construction Company, LP has no health or safety citations for serious or willful violations in the past three years. Our commitment to providing excellence in construction services includes an unwavering corporate-wide commitment to the safety and well-being of its employees. Mascaro has established and implemented “best-in-class” safety and health programs that meet or exceed the OSHA Safety and Health Regulations applicable to the construction Industry. Mascaro safety and injury records are significantly below the industry averages as reported by the Bureau of Labor Statistics.

By Date

Results 1 - 9 of 9

Get Detail Select All Reset

	#	Activity	Opened	RID	St	Type	Sc	SIC	NAICS	Vio	Establishment Name
<input type="checkbox"/>	1	1399098.015	05/08/2019	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	2	1390761.015	04/03/2019	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	3	1327154.015	06/15/2018	0317500	PA	Referral	Partial		236210		Mascaro Construction
<input type="checkbox"/>	4	1311364.015	04/26/2018	0317500	PA	Planned	Complete		236220		Mascaro Construction Company
<input type="checkbox"/>	5	1310786.015	04/24/2018	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, Lp
<input type="checkbox"/>	6	1302286.015	03/15/2018	0317500	PA	Prog Related	Partial		236220		Mascaro Construction
<input type="checkbox"/>	7	1224535.015	04/11/2017	0317500	PA	Planned	Complete		236220		Mascaro Construction
<input type="checkbox"/>	8	1222828.015	04/06/2017	0317500	PA	Planned	Partial		236220		Mascaro Construction Company, L.P.
<input type="checkbox"/>	9	1203839.015	01/19/2017	0317500	PA	Planned	Complete		236220		Mascaro Construction



SECTION
T-1C

attachment 5

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmation, the firm shall submit in an Attachment 6 to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

Mascaro Construction Company, L.P. has no affirmative answers regarding any of the questions in Section 3 - Required Disclosures, therefore no written explanations are required.

SECTION
T-1C

**designated critical
work: general
solar shade**



mascaro
... build with the best

APPENDIX F
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT

COVER SHEET

Proposer Debra's Glass, Inc.
DGS Project Name State Archives Building
DGS Project Number E19-036 PA DGS

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C. If this information is not submitted with the Technical Submission, the Proposal will be rejected as non-responsive.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

Foundation Waterproofing
 Roof Construction (type & scale)
 Cast-In-Place & Exposed Concrete Work
 Solar Shade
 Air Barrier Installation

HVAC Contractor (.2 Contract)

Testing, Adjusting and Balancing
 Ductwork

Plumbing Contractor (.3 Contract)

Fire Suppression

Electrical Contractor (.4 Contract)

CCTV Security Surveillance Systems

Fiber Optic Contractor (.5 Contract)

Cable Terminations and Testing

SECTION 1 – FIRM INFORMATION

1.1 Background Information

- a) How many years has the firm been in business? **22 YEARS**
- b) How many years has the firm been doing business in proposed contract field? **22 YRS**
Under what former names has the firm conducted business? **NONE**
- c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.
PA, DE, MD, DC, VA
- d) If the firm is a corporation, provide the following information:
- | | |
|--------------------------|--|
| Date of incorporation | 09 APRIL 1997 |
| State of incorporation | PA |
| President's name | DEBRA J. ZARFOSS |
| Vice President's name(s) | DEREK M. QUICK (VP of Operations) |
| Secretary's name | DEBRA J. ZARFOSS |
| Treasurer's name | DEBRA J. ZARFOSS |
- e) If the firm is a partnership, provide the following information:
- Date of formation _____
- Type of partnership _____
- Names of partners _____
- f) If the firm is individually owned, provide the following information:
- Date of formation _____
- Name of owner _____
- g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:
- Year **2018** \$ **4,111,834.00**
- Year **2017** \$ **5,913,430.00**

Year **2016** \$ **4,524,901.00**

- b) Identify the percentage of work on similar projects the firm typically performs with its own work force **98 – 100%**
- c) List the categories of work that the firm normally performs with its own forces on similar projects.
GLASS AND GLAZING; DOORS (ALUM AND FRP); ALUMINUM WINDOWS; METAL, TRANSLUCENT AND TERRACOTTA PANELS; LOUVERS; SKYLIGHTS; GLASS CANOPIES AND FIRE RATED DOORS / FRAMES.

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

✦ 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and email address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1:	2018	1.05
Year 2:	2017	.84
Year 3:	2016	.96

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1:	2018	8.06
Year 2:	2017	0.00
Year 3:	2016	11.69

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1:	2018	20.15
Year 2:	2017	10.16
Year 3:	2016	11.69

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity? Yes ___ No X
- 3.4 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
Yes ___ No X
- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No X
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project? Yes ___ No X
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No X
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?

Yes ___ No X

- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?

Yes ___ No X

- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?

Yes ___ No X

*Note: information regarding health and safety violations is addressed in a previous section.

- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?

Yes ___ No X

- 3.12 Has the firm been the subject to any bankruptcy proceeding?

Yes ___ No X

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work. **CORRECT**

- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work. **CORRECT**

- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws. **CORRECT**

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act. **CORRECT**

- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible. **CORRECT**

- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services. **CORRECT**

- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor. **CORRECT**
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin. **CORRECT**



255 N. Pleasant Avenue • Dallastown, PA 17313
Phone: 717 / 244-4622 • Fax: 717 / 244-1033

Website: debsglass.com

ATTACHMENT 1

NASA GODDARD SPACE FLIGHT CENTER - GODDARD MD

GOVERNMENT - OFFICE BUILDING

NASA CONTACT INFORMATION:

**KATIE CHAKOLA-THOMAS
COR/DEPUTY PROJECT MANAGER
PROJECTS BUILDING
GODDARD SPACE FLIGHT CENTER
ENGINEERING BRANCH**

**FLIGHT
NASA
CODE 224 /**

WORK #:301 / 286-3958

CATHERINE.CHAKOLA@NASA.GOV

ORIGINAL CONTRACT AMOUNT: \$ 4,995,000.00

FINAL CONTRACT AMOUNT: \$ 5,151,967.00

ORIGINAL PROJECT COMPLETED: 20

ACTUAL PROJECT COMPLETED: 2017



255 N. Pleasant Avenue • Dallastown, PA 17313
Phone: 717 / 244-4622 • Fax: 717 / 244-1033

Website: debsglass.com

ATTACHMENT 1

FOREIGN AFFAIRS - SECURITY TRAINING CENTER (FASTC) - BLACKSTON, VA

GOVERNMENT - OFFICE BUILDING

FASTC CONTACT INFORMATION:

**RON ANDREWS
OPERATIONS AND MAINTENANCE MANAGER**

WORK #: 434 / 298-3252

ANDREWSM2@STATE.GOV

ORIGINAL CONTRACT AMOUNT: \$ 3,412,033.00

FINAL CONTRACT AMOUNT: \$ 3,412,033.00

ORIGINAL PROJECT COMPLETED: 2017

ACTUAL PROJECT COMPLETED: 2018



255 N. Pleasant Avenue • Dallastown, PA 17313
Phone: 717 / 244-4622 • Fax: 717 / 244-1033

Website: debsglass.com

ATTACHMENT 1

DuPONT - BUILDING E02

PRIVATE - RESEARCH FACILITY

NASA CONTACT INFORMATION:

BOB EASTER
CONTROLLER / DuPONT

ROBERT.J.EASTER@DUPONT.COM

ORIGINAL CONTRACT AMOUNT: \$ 1,498,248.00

CURRENT CONTRACT AMOUNT: \$ 1,518,210.00

ORIGINAL PROJECT COMPLETED: 2018

ACTUAL PROJECT COMPLETED: ANTICIPATED 2019

OSHA's Form 300 Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2016
U.S. Department of Labor
Occupational Safety and Health Administration
Form approved OMB no. 1218-0176

You must record every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Debra's Glass Inc
City Dallastown State PA

(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mm./day)	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	Using these categories, check ONLY the most serious result for each case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:						
						Days lost work	Days away from work	Restricted all work		On job transfer or restriction (days)	Away from work (days)	Injury	Skin Disorder	Respiratory Condition	Poisoning	All other illnesses		
								Job transfer or restriction	Other recordable cases									
(G)	(H)	(I)	(J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)								
1-16		61624C	7/3/16	OSHA Jobsite	Twisted knee - upper leg all around	1	0	0	0	22	43	<input checked="" type="checkbox"/>						
2-16		Lalomen	10/26/16	OSHA Jobsite	Contusion - Chest	1	0	0	0	1	0	<input checked="" type="checkbox"/>						
3-16		Glasier	11/16/16	Gaylord Jobsite	Crash - Right Foot	1	0	0	0	1	0	<input checked="" type="checkbox"/>						
12-21		Glasier	12/21/16	Gaylord Jobsite	Blow to back - D Box of Cement Lower back strain	5	0	0	0	5	0	<input checked="" type="checkbox"/>						
Page totals						0	0	0	0	0	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room NS844, 200 Constitution Ave, NW, Washington, DC 20210. Do not send the completed forms to this office.

Injury
Skin Disorder
Respiratory Condition
Poisoning
All other illnesses
(1) (2) (3) (4) (5)

Summary of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it.
 Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader.

Year 20 16



U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u> (G)	<u>4</u> (H)	<u>0</u> (I)	<u>0</u> (J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
<u>50</u> (K)	<u>0</u> (L)

Injury and Illness Types

Total number of ... (M)			
(1) Injuries	<u>4</u>	(4) Poisonings	<u>0</u>
(2) Skin disorders	<u>0</u>	(5) Hearing loss	<u>0</u>
(3) Respiratory conditions	<u>0</u>	(6) All other illnesses	<u>0</u>

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 210 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name Debra's Glass, Inc
 Street 255 N. Pleasant Avenue
 City Dallastown State PA Zip 17313
 Industry description (e.g., *Manufacture of motor truck trailers*)
Glass & Glazing Contractor
 Standard Industrial Classification (SIC), if known (e.g., 3715)

OR

North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information (If you don't have these figures, see the Worksheet on the next page to estimate.)

Annual average number of employees 35

Total hours worked by all employees last year 68444

Sign here Virginia Krebs

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Virginia Krebs HR Mgr.
 Company executive Title

Phone 717.244.4622 Date 02/01/2017



Log of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it. Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 17



U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name Debra's Glass, Inc.

City Dallastown State PA

Identify the person		Describe the case				Classify the case				Enter the number of days the injured or ill worker was:		Select the "Injury" column or choose one type of illness:					
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness (e.g., 2/10)	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	SELECT ONLY ONE box for each case based on the most serious outcome for that case:				Away from work (K)	On job transfer or restriction (L)	(M)					
						Death (G)	Days away from work or restriction (H)	Job transfer or restriction (I)	Other recordable cases (J)			Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
<input type="button" value="Reset"/> 3-2		Fabricator	3 / 2 month / day	Warehouse/Shop	Left thumb laceration by aluminum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/> 8-3		Foreman	8 / 3 month / day	Rte 15 North	Left neck pain due to car accident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/> 12-20		Laborer	12 / 20 month / day	Jobsite - FASTC	Lower back injury lifting of glass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>			/ month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Page totals						0	0	0	3			3	0	0	0	0	0

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Save Input

Add a Form Page

(1) (2) (3) (4) (5) (6)

Summary of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it.
 Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader.

Year 20 17



U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases			
Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	3
(G)	(H)	(I)	(J)

Number of Days	
Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types			
Total number of . . . (M)			
(1) Injuries	3	(4) Poisonings	0
(2) Skin disorders	0	(5) Hearing loss	0
(3) Respiratory conditions	0	(6) All other illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

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Establishment information

Your establishment name Debra's Glass, Inc.

Street 255 N. Pleasant Avenue

City Dallastown State PA Zip 17313

Industry description (e.g., *Manufacture of motor truck trailers*)
Construction - Glass & Glazing

Standard Industrial Classification (SIC), if known (e.g., 3715)

OR

North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information (If you don't have these figures, see the Worksheet on the next page to estimate.)

Annual average number of employees 35

Total hours worked by all employees last year 59053

Sign here Debra J. Zarfoss, Pres.

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate and complete.

Debra J. Zarfoss President
 Company executive Title

Phone 717-241-4622 Date 01/15/2018

Save Input

Summary of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it.
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Year 20 18



U.S. Department of Labor
 Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

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Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	2	1	2
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
4	
(K)	(L)

Injury and Illness Types

Total number of ... (M)	
(1) Injuries	5
(2) Skin disorders	0
(3) Respiratory conditions	0
(4) Poisonings	0
(5) Hearing loss	0
(6) All other illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

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Establishment information

Your establishment name Debra's Glass, Inc.

Street 255 N. Pleasant Avenue

City Dallastown State PA Zip 17313

Industry description (e.g., *Manufacture of motor truck trailers*)

Construction - Glass & Glazing

Standard Industrial Classification (SIC), if known (e.g., 3715)

OR _____

North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information (If you don't have these figures, see the Worksheet on the next page to estimate.)

Annual average number of employees _____

Total hours worked by all employees last year _____

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company executive _____ Title _____

Phone _____ - _____ - _____ Date ____/____/____

Save Input

Log of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it. Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.



You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176
 Establishment name Debra's Glass, Inc.
 City Dallastown State PA

Identify the person			Describe the case			Classify the case				Enter the number of days the injured or ill worker was:		Select the "Injury" column or choose one type of illness:						
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness (e.g., 2/10)	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	SELECT ONLY ONE box for each case based on the most serious outcome for that case:				Away from work (K) days	On job transfer or restriction (L) days	(M)						
						Death (G)	Remained at Work					Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)	
							Days away from work (H)	Job transfer or restriction (I)	Other recordable cases (J)									
<input type="button" value="Reset"/>	2-1	Patrick Bly	Foreman	2 / 1 month / day	FASTC -Blackstone, VA	Left Wrist, center of chest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>	2-20	Timothy Wright	Glazier	2 / 20 month / day	FASTC -Blackstone VA	Left Shoulder	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	3 days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>	3-13	Scott Rageotte	Estimator	3 / 13 month / day	Rt 372 -Vehicle Accident	Lower Back	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	1 days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>	4-10	Matthew O'Quinn	Fabricator	4 / 10 month / day	DGI Shop	Right Index Finger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>	4-17	William Adams	Laborer	4 / 17 month / day	FASTC - Blackstone, VA	Lower back	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	___ days	___ days	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>				/ / month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>				/ / month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="button" value="Reset"/>				/ / month / day			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	___ days	___ days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Page totals ► 0 2 1 2 4 5 0 0 0 0 0
 Injury Skin disorder Respiratory condition Poisoning Hearing loss All other illnesses
 (1) (2) (3) (4) (5) (6)
 Page 1 of 1

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.



255 N. Pleasant Avenue • Dallastown, PA 17313
Phone: 717 / 244-4622 • Fax: 717 / 244-1033

Website: debsglass.com

ATTACHMENT 3

2018 DGE RECEIVED A CITIATION FOR A MISSING TIP INSULATOR ON AN ELECTRODE HOLDER.
DGI FIXED THE ISSUE THE SAME DAY AND PAYED A REDUCED FINE.

OSHA CITATION #1297213

FINE PAID \$2,638.30

SECTION
T-1C

**designated critical
work: general
air barrier installation**



mascaro
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**APPENDIX F
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT**

COVER SHEET

Proposer Gibble Construction, Inc.

DGS Project Name PA State Archives

DGS Project Number 987 - 1 P1

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C. If this information is not submitted with the Technical Submission, the Proposal will be rejected as non-responsive.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

- Foundation Waterproofing
- Roof Construction (type & scale)
- Cast-In-Place & Exposed Concrete Work
- Solar Shade
- Air Barrier Installation

HVAC Contractor (.2 Contract)

- Testing, Adjusting and Balancing
- Ductwork

Plumbing Contractor (.3 Contract)

- Fire Suppression

Electrical Contractor (.4 Contract)

- CCTV Security Surveillance Systems

Fiber Optic Contractor (.5 Contract)

- Cable Terminations and Testing

SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? 22 years

b) How many years has the firm been doing business in proposed contract field? 22 years

Under what former names has the firm conducted business?

c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

Maryland West Virginia Pennsylvania
Delaware New Jersey _____

d) If the firm is a corporation, provide the following information:

Date of incorporation 12/19/1997

State of incorporation Pennsylvania

President's name Anthony T. Cicero Jr.

Vice President's name(s) _____

Secretary's name _____

Treasurer's name _____

e) If the firm is a partnership, provide the following information:

Date of formation _____

Type of partnership _____

Names of partners _____

f) If the firm is individually owned, provide the following information:

Date of formation _____

Name of owner _____

g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 17 \$ 2,654,436.85

Year 18 \$ 2,810,759.19

Year 19 \$ 1,681,689.93 YTD AS OF 7/31/19

- b) Identify the percentage of work on similar projects the firm typically performs with its own work force 100%
- c) List the categories of work that the firm normally performs with its own forces on similar projects.

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

✦ 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and email address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1: 2018 .796
 Year 2: 2017 .796
 Year 3: 2016 .790

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2018 0
 Year 2: 2017 0
 Year 3: 2016 0

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2018 0
 Year 2: 2017 0
 Year 3: 2016 0

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity? Yes ___ No
- 3.4 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
 Yes ___ No

- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project? Yes ___ No
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No
- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No
- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No
*Note: information regarding health and safety violations is addressed in a previous section.
- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No
- 3.12 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

GIBBLE CONSTRUCTION, INC.

CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAY FOAM INSULATION, POLY UREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Email nick@gibbleconstruction.com

August 21, 2019

AIR BARRIER PROJECT REFERENCES

State College High School
Lobar, Inc.
650 Westerly Parkway
State College, PA 16801
Contract Value - \$650,000.00.
Start Date – Fall 2015
Finish Date – August 2019

Thaddeus Stevens School of Technology
Quandel Construction
750 E King St,
Lancaster, PA 17602
Contract Value - \$183,512.00.
Start Date – November 2017
Finish Date – December 2018

Warren Area High School
Hudson Construction, Inc.
345 E 5th Ave
Warren, PA 16365
Contract Value - \$320,000.00
Start Date – Spring 2015
Finish Date – Winter 2017

Ann B. Barshinger Cancer Center
Benchmark Construction
2102 Harrisburg Pike
Lancaster, PA 17601
Contract Value - \$ 259,654.00.
Start Date – 2011
Finish Date - 2013

GIBBLE CONSTRUCTION, INC.

CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAY FOAM INSULATION, POLY UREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Email nick@gibbleconstruction.com

August 14, 2019

Mascaro Construction Company, L.P.
Mr. Patrick Harvey
1720 Metropolitan St
Pittsburgh, PA 15233

Subject: OSHA 300 Logs

Dear Patrick,

This letter is to certify that Gibble Construction, Inc. has had ten or less employees over the past three years. Gibble Construction, Inc. is also a registered small business in Pennsylvania.

Per the OSHA recordkeeping regulation, **“...employers with ten or fewer employees at all times during the previous calendar year are exempt from routinely keeping OSHA injury and illness records.”**
(<https://www.osha.gov/recordkeeping2014/records.html>)

Gibble Construction, Inc. also certifies that it has zero reported injuries for the last three years.

Please feel free to contact me at 717-665-7858 should more information be required.

Nick Cicero

Sincerely,

Anthony Cicero
Anthony Cicero

STATE OF Pennsylvania
COUNTY OF Lancaster
SUBSCRIBED AND SWORN TO BEFORE ME
THIS 14th DAY OF August, 2019
BY Anthony Cicero
Paulette K. Shumate
NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
PAULETTE K. SHUMATE, Notary Public
Elizabethtown Boro, Lancaster County
My Commission Expires August 01, 2021

SECTION

T-2A

**project management
team**



mascaro
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SECTION

2.A

project management team

Identify the individuals and highlight the hierarchy and reporting structure between the individuals comprising the Project Team.

Mascaro has assembled a project team of seasoned professionals with the appropriate experience to positively affect the successful completion of the State Archives and Record Center Annex project. Each member brings a unique combination of skills and experience to the team and is dedicated to successfully serving the DGS and the Historical and Museum Commission.

In Section T-1A, we provided an organizational chart that depicts the lines of communication and authority. (The chart is duplicated on the next page.) Mascaro’s primary team members have a past working relationship with each other and with the DGS. The individuals identified in the matrix below are currently working together on the Clarion University Tippin Gymnasium project being constructed by the DGS under a multiple prime contract. The matrix below also identifies the experience each team member brings relevant to the critical factors of this project.

Our team’s existing relationship, combined with Mascaro’s knowledge of museum and other similar buildings, as well as working in an urban areas, will eliminate any learning curve relative to team interaction and allow us to focus on delivering a great experience by safely constructing the new State and Record Center Annex project on time, within budget, and to the highest quality standards possible. As directed by the RFP, we have provided the required resumes for Mascaro Construction personnel beginning on page 4.

Team member	experience with:						
	DGS, multiple prime	Museum or similar	Harrisburg construction	Urban construction/limited laydown	Complex bldg envelope / Curtain wall	Poured-in-place concrete	High density shelving
Mike Cain, Project Executive	👍	👍	👍	👍	👍	👍	👍
Ed Swiatek, Project Manager	👍	👍	👍	👍	👍	👍	👍
Mark Belmar, Superintendent	👍	👍		👍	👍	👍	👍
Taylor Williams, Proj. Eng.	👍			👍	👍	👍	
Rick Bower, Director of HSE	👍	👍	👍	👍	👍	👍	👍
Scott Metzger, Dir. Quality	👍	👍	👍	👍	👍	👍	👍
Dan Auchey, Scheduler	👍	👍	👍	👍	👍	👍	👍

Mascaro is working with a select group of qualified subcontractors to provide pricing for this project. These firms have been solicited through various sources including to “meet and greet” events held by Mascaro in Harrisburg. In order to provide the best value to the DGS, we cannot provide a detailed explanation of the team in this section as they will be selected on bid day. We have included the required resumes for the selected subcontractors that provide foundation waterproofing, roof construction, cast-in-place and exposed concrete work, solar shade, and air barrier installation.

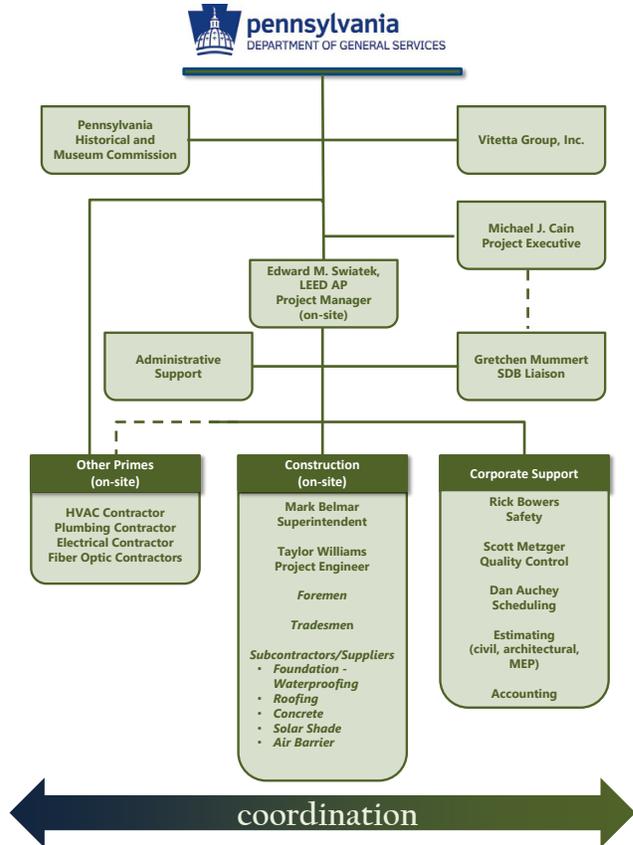
Brief narrative on each individual description role and responsibility, proven capability and relevant experience.

Michael J. Cain, Project Executive

Mike will provide overall team leadership and direction and ensure that the construction resource are available to meet the goals of the DGS. He will monitor and control construction through the direction of the project manager and superintendent including safety, scheduling, and budget; and will have overall project responsibility for Mascaro. His keen leadership skills provides him with the ability to establish a team atmosphere, keeping the project team motivated. He has a solid background in estimating, means and methods, project administration, LEED certification, and industry practices.

Mike has almost 40 years of experience in the construction industry on a variety of projects. One of his first projects for for the DGS was the Matthew J. Ryan Legislative Building, where Vitetta was the architect. Currently, he is overseeing the Harrisburg Federal Courthouse project a few blocks from this project site and also managing the DGS project at Clarion University Tippin Gym. He has extensive experience with complex building envelope and curtain wall systems including the Robert H. Jackson U.S. Courthouse and Executive Building in Washington DC. Both of these projects were situated on extremely tight urban sites. He was involved with renovations to Soldiers & Sailors Memorial Hall, and has been involved in the installation of intricate mechanical, electrical, and plumbing systems for laboratories and similar facilities that require stringent adherence to room temperature and humidity.

Reference:
 Elizabeth O’Reilly
 Deputy Secretary for Public Works
 Commonwealth of Pennsylvania
 Department of General Services
 515 North Office Building
 Harrisburg, PA 17125-0001
 loreilly@state.pa.us; 717.787.7095



Edward M. Swiatek, LEED® AP, Project Manager

Ed will coordinate the overall management of construction activities, including collaboration and coordination with the other prime contractors. He will oversee day-to-day operations to deliver a product that meets the quality standards established by the DGS. He will handle all contractual matters, procurement, scheduling, project cost, and will conduct the owner-architect-contractors (OAC) meetings. He will be the main point of contact for the project and will interface with the DGS, other primes, and the design team as required to ensure a coordinated effort to achieve the project objectives.

Ed has 18 years in the construction industry and has been with Mascaro since graduating college. He has strong leadership and time management skills, and is very analytical when it comes to problem solving and decision making. Ed is the project manager for the Tippin Gymnasium Renovation and Expansion project for the DGS. Additionally, he was involved in the multiple prime construction of the Pennsylvania Judicial Center in Harrisburg, which was also a DGS project. He has experience with all of the major elements of this project including museums (Heinz Field

FedEx Great Hall), curtain wall (Dick's Sporting Goods World Headquarters), complex MEP systems (Clapp-Langley-Crawford Complex), cast-in-place concrete (The Encore on 7th), as well as logistical management of a tight site (The Encore on 7th, Two PNC Plaza, Agricultural Digester).

Reference:

Rebecca Schoone
Construction Regional Director
Commonwealth of Pennsylvania
Department of General Services
Bureau of Construction – Western Region
530 William Pitt Way
Pittsburgh, PA 15238-1331
rschoone@pa.gov; 412.820.0215

Mark J. Belmar, LEED® AP, Superintendent

Mark has 40 years in the construction industry. He will be responsible for the coordination of all field activities, managing the subcontractors and any self-performed work, and ensuring overall compliance with the project schedule, safety, and quality. He will integrate and coordinate construction, scheduling, procurement of materials, and field management of subcontractors and testing agencies. Enforcement of the site specific safety plan and conformance to the project QA/QC plan are some of Mark's responsibilities.

Mark has a thorough knowledge and understanding of the general contracts and subcontracts, the construction documents, and Mascaro's standard on-site procedures established by our best practices. He provides effective leadership, promoting harmonious relationships on-site, and a positive project morale.

For the DGS, Mark will do what he does best - provide an outstanding facility that exactly meets the needs of the owner. In addition to working with the other key members on the Clarion University Tippin Gym project, Mark's career is highlighted with projects such as: Kovalchick Convention and Athletic Complex and Slippery Rock University's Student Union Building, both for the DGS; Marshall University's Robert C. Byrd Biotechnology Science Center and the Abie Abraham VA Healthcare Center that feature complex MEP systems; as well as several urban projects with tight sites that include Heinz Lofts, WV State Office Building, and the Energy Innovation Center.

Reference:

Rebecca Schoone, Construction Regional Director
Pennsylvania Department of General Services
rschoone@pa.gov; 412.820.0215

Taylor Williams, Project Engineer

As project engineer, Taylor will monitor and manage all project documentation, and assist the team with ensuring safety, quality, schedule, and customer satisfaction goals are met. Taylor joined the Mascaro team in 2016 and started in the heavy/industrial estimating department where he performed quantity take-offs, solicited subcontractors, assembled estimates in HCSS, and delivered bids for large industrial projects. He was on site for the construction of a major manufacturing facility in West Virginia, and upon completion, became part of the team for the Tippin Gymnasium project in Clarion.

Reference:

Rebecca Schoone, Construction Regional Director
Pennsylvania Department of General Services
rschoone@pa.gov; 412.820.0215

Richard T. Bowers, Director of Health, Safety, and Environmental

Rick has almost 30 years experience in industrial and construction safety management. As the director of safety, he is involved in all of the Mascaro projects, including all of those mentioned in Section IA.

He joined the Mascaro team in 2007 to manage the corporate safety and health policies and programs, as well as OSHA and EPA regulatory compliance. Rick will prepare a customized safety manual for the State Archives and Records Center Annex project and oversee its implementation. He will conduct regular, comprehensive project safety audits, coordinate safety training activities, and prepare loss control reports for managers, and supervisors as required.

Rick's responsibility is to equip our project superintendents with the knowledge and resources that reinforce our corporate safety goal of "zero accidents." His qualifications include: management of industrial hygiene programs for respiratory protection, microbial remediation, asbestos abatement, and employee exposure monitoring; management of corporate safety programs; experience in negotiation and management of cooperative compliance partnering agreements with OSHA and state agencies; and the development and implementation of site specific programs.

H. Scott Metzger, CWI, LEED® AP, Director of Quality

With 30-plus years of experience in the construction industry, Scott has extensive project engineering and management experience that provides him with a solid background for the management of quality assurance and quality control on the project site. He will prepare and implement a customized QA/QC program for this project, conduct inspections, and manage quality control procedures for this project.

Scott will work with Mark, our superintendent, and on-site staff to develop the project specific QA/QC plan. He will also have input into the selection of any testing agencies when third party testing is required. Scott is very aware of the impact that quality has on the success of the project, especially as it relates to creating a facility that meets national archiving standards. His thoroughness and attention to detail provides him with the tools needed to analyze information and validate quality processes established by product specifications, as well as company-established procedures and best practices.

Dan Auchey, Scheduling Manager

Beginning his career in 2000, Dan has 19 years of experience in the construction industry. He is an expert in the use of Primavera scheduling software. Dan is responsible for assisting the project team in the development of the baseline construction schedule. He will seek input from the project team and his responsibilities include updating and developing recovery sequences as needed; maintaining and monitoring the construction schedule over the life of the project; evaluating and assessing changes; and communicating with all parties involved in the project.

Dan was involved with the Clarion University Tippin Gym project, as well as these projects mentioned in Section IA: Museum Support Center, Huntington Federal Building, Robert H. Jackson U.S. Courthouse, Kovalchick Convention Center, Dick's Sporting Goods World Headquarters, Mascaro Center for Sustainable Innovation, and the Executive Building.

Resume

Name: Michael J. Cain

Employer: Mascaro Construction Company, LP

Current Position/Title: Project Executive

Education:

- Bachelor of Science, Construction Management, 1980, University of Cincinnati

Professional Licenses: Not Applicable

Other Qualifications:

Mike has 39 years of field management and estimating experience. He also brings extensive work experience with the DGS on a variety of projects that include design-build and multiple prime. Other credentials held by Mike include:

- OSHA 10-Hour Certification
- Certifications, American Red Cross First Aid & CPR
- ICRA Training, 8 hour

Relevant Work Experience:

Tippin Gymnasium Renovation/Expansion, DGS and Clarion University, Clarion, PA.

Project executive. Renovation and expansion of the Tippin Gymnasium. Work includes renovation of the natatorium and addition of an 11,000-square-foot recreation pool. (Mentioned in Section 1A)



Harrisburg Federal Courthouse, General Services Administration, Harrisburg, PA.

Project executive. Construction of a 243,000-gross-square-foot courthouse. Facility will include district and magistrate courtrooms, a bankruptcy courtroom, judges' chambers, jury deliberation facilities, holding cells, support spaces, and a 42 interior secure parking spaces. (Mentioned in Section 1A)

Robert H. Jackson U.S. Courthouse, General Services Administration, Buffalo, NY.

Senior project manager. Construction of a 10-story, 265,000-square-foot courthouse, which contains 9 courtrooms, 11 judge's chambers, numerous office and administrative support spaces, a glass-entry pavilion, and a 54-space, one-level underground parking garage. LEED® Gold certified. (Mentioned in Section 1A)

Kovalchick Convention and Athletic Complex, DGS, Indiana University of Pennsylvania, Indiana, PA.

Senior project manager. 150,000-square-foot multi-event complex for convocations, intercollegiate men's and women's sporting events, conferences, lectures and concerts. LEED® certified. (Mentioned in Section 1A; with Mark Belmar)

Executive Building, Lincoln Property, Washington, DC.

Senior project manager. The renovation and expansion of a ten-story office building to create 350,000 square feet of Class A office space. The 12-story addition included two levels of below grade parking. Mascaro added two stories to the existing building and re-skinned the exterior to provide a unified building façade. The project also included the installation of new mechanical, electrical, and plumbing systems. (Mentioned in Section 1A)

Soldiers & Sailors Memorial Hall & Museum, Pittsburgh, PA.

Senior project manager. The museum has displays ranging from the Civil War through present day that include uniforms, medals, firearms, artwork and equipment. The hall also has a large auditorium and rental hall. Renovation projects at this historic landmark included replacement of structural steel bolts in the 75-foot suspended ceiling over the auditorium. Other projects included installation of casework in the banquet hall to match the existing trim and molding, and renovation of the kitchen. (Museum)

Matthew J. Ryan Legislative Office Building, Harrisburg, PA.

Project manager. Renovation, restoration, and conversion work providing for historic architectural items and. Repair and replacement work included concrete, floors, partitions, doors, window restoration, ceiling and all HVAC, plumbing and electrical work. (Project with Vitetta)

Cathedral of Learning Elevator Modernization, DGS and University of Pittsburgh, Pittsburgh, PA.

Project executive. Renovation of eight elevator banks that were original to this 42-story historic landmark, constructed in 1931. The new system is a computerized, destination-based dispatch system. Work involves refurbishing existing openings and re-opening several closed stops. (DGS project)

Erie Readiness Center & OMS, DGS, Erie, PA.

Senior project manager. Two-story readiness center and a single story organizational maintenance shop to repair the various vehicles that support the Erie Stryker Brigade Combat Unit. The facility was designed to meet physical security measures (ATFP). Bronze SPiRiT rating. (DGS project)

Robert C. Byrd Biotechnology Science Center, Marshall University, Huntington, WV.

Senior project manager. The 144,000-square-foot, five-story building contains classrooms, laboratories, auditoriums, offices, and animal quarters. A skybridge connects the new research facility to the Science Building for easier integration of research activities. (Complex mechanical and electrical systems, tight site)

Resume

Name: **Edward M. Swiatek, LEED AP**

Employer: Mascaro Construction Company, LP

Current Position/Title: Project Manager

Education:

- Bachelor of Science, Civil Engineering and Construction Management, 2003, University of Pittsburgh

Professional Licenses: Not Applicable

Other Qualifications:

Ed has 18 years of construction experience, 15 of which have been with Mascaro. He has worked collaboratively with the other members of the project team and brings extensive work experience with the DGS on a variety of projects. Other credentials held by Ed include:

- OSHA 10-Hour Certification
- OSHA Excavation Competent Person
- Certifications, American Red Cross First-Aid & CPR
- LEED® Accredited Professional
- ICRA 8-Hour Certification

Relevant Work Experience:

Tippin Gymnasium Renovation/Expansion, DGS and Clarion University, Clarion, PA. *Project manager.*



Renovation and expansion of the Tippin Gymnasium. Work includes renovation of the natatorium and addition of an 11,000-square-foot recreation pool. Designed to achieve LEED® Silver certification. (Mentioned in Section 1A)

Pennsylvania Judicial Center, Harrisburg, PA. *Project engineer.* New nine-story court facility. The 423,600-square-foot building provides areas for office space, courtrooms, archives, library, conference/training rooms, administrative service center, support areas and parking facilities. (Mentioned in Section 1A)

Dick's Sporting Goods World Headquarters, Coraopolis, PA. *Assistant project manager.* A five-story 670,000-square-foot corporate complex that includes a 500-seat auditorium, a data center with multiple back-up and redundant systems to ensure 24/7 operation, a full-service kitchen and cafeteria, daycare center, an indoor basketball court, and extensive outdoor recreation / fitness areas. LEED® certified. (Mentioned in Section 1A)

Heinz Field, Fed Ex Great Hall Modifications, Pittsburgh, PA. *Project manager.* Expansion to the Great Hall area located on the east side of the stadium. Modifications include a new retail area for Steeler merchandise and enhancement to the food and beverage area, as well as a Steelers Hall of Fame Museum (Mentioned in Section 1A)

Clapp-Langley-Crawford (CLC) Complex, DGS, University of Pittsburgh, Pittsburgh, PA. *Project manager.* Managed multiple primes for the renovation of 89,600 square feet to provide updated teaching, research labs, and associated support space for undergraduate biological science. (DGS project, complex MEP systems, tight urban site)

Student Union Building, DGS and Slippery Rock University, Slippery Rock, PA. *Project manager.* Construction of a new 107,000-square-foot, three-story student union. The LEED® Silver certified building has rooftop mechanical penthouses, a green rooftop garden, exterior terraces, and a reflective white membrane. The first floor includes a bank, coffee shop, bookstore, and offices. The second floor houses the student organization suite, three lounges, a restaurant, food court, dining area, kitchen, and loading dock. The third floor was totally fit out as a conference center with a ballroom/performing arts function and a mix of seven large to small meeting rooms. (DGS project with Mark Belmar)

The Encore on 7th, Pittsburgh, PA. *Project engineer.* An 18-story apartment complex that contains 9,200 square feet of retail space, with the top floors providing 151 residential units, a complete fitness center, and club house. An at-grade parking garage provides 20 on-site parking spaces, and a skybridge connects the building to the adjacent Theater Square parking garage. LEED® Certified. (Cast-in-place concrete, tight site, urban setting, building envelope)

Agricultural Digester, The Pennsylvania State University, University Park, PA. *Project manager.* Design-build project to provide an anaerobic digester system to improve manure handling, demolish two existing barns, and construct a new replacement barn at Penn State's Dairy Complex. (Complex MEP systems, tight site)

Two PNC Plaza Phases 12 through 17, and Lobby, Pittsburgh, PA. *Project manager.* The demolition and build-out of 20 floors in Two PNC Plaza for offices, conference rooms, and common areas. Work includes all new drywall, ceilings, flooring, carpet, casework, lockers, painting, fire protection, HVAC, plumbing, and electrical. (Urban, tight site)

Resume

Name: **Mark Belmar, LEED AP**

Employer: Mascaro Construction Company, LP

Current Position/Title: Superintendent

Education:

- Associate in Science, 1987, Building Construction Supervision, Community College of Allegheny County
- Carpenter's Apprenticeship Program; Journeyman's Certificate

Professional Licenses: Not Applicable

Other Qualifications:

Mark has over 40 years of construction experience. His experience on institutional, commercial, and light industrial projects brings a thorough understanding of the entire construction process as well as the ability to build an effective team environment for each project. Other credentials held by Mark include:

- LEED® Accredited Professional
- Certification, OSHA 10-Hour
- ICRA Training, 24-Hour
- Certification, American Red Cross First Aid / CPR
- Fall Protection, Trench/Excavation and Rigging Competent Person Training
- Front Line Supervisor Training
- PA One-Call Certification

Relevant Work Experience:

Tippin Gymnasium Renovation/Expansion, DGS and Clarion University, Clarion, PA. *Superintendent.*

Renovation and expansion of the Tippin Gymnasium. Work includes renovation of the natatorium and addition of an 11,000-square-foot recreation pool. Designed to achieve LEED® Silver certification. (Mentioned in Section 1A)



Student Union Building, DGS and Slippery Rock University, Slippery Rock, PA. *Superintendent.* The LEED® Silver certified building has rooftop mechanical penthouses, a green rooftop garden, exterior terraces, and a reflective white membrane. The first floor includes a bank, coffee shop, bookstore, and offices. The second floor houses the student organization suite, three lounges, a restaurant, food court, dining area, kitchen, and loading dock. The third floor was totally fit out as a conference center with a ballroom/performing arts function and a mix of seven large to small meeting rooms. (DGS project with Ed Swiatek)

Kovalchick Convention and Athletic Complex, DGS and Indiana University of Pennsylvania, Indiana, PA. *Superintendent.* 150,000-square-foot multi-event complex for convocations, intercollegiate men's and women's sporting events, conferences, lectures and concerts. LEED® certified. (Mentioned in Section 1A; with Mike Cain)

Robert C. Byrd Biotechnology Science Center, Marshall University, Huntington, WV. *Superintendent.* The 144,000-square-foot, five-story building contains classrooms, laboratories, auditoriums, offices, and animal quarters. A skybridge connects the new research facility to the Science Building for easier integration of research activities. (Complex mechanical and electrical systems, tight site; with Mike Cain)

Abie Abraham VA Health Care Center, Butler, PA. *Superintendent.* Construction of a 215,000-square-foot health care center consisting of two stories plus an enclosed rooftop mechanical penthouse. It includes primary care, specialty care, mental health, dental, diagnostic, laboratory, pathology, radiology, podiatry, optometry, USP 797 pharmacy, physical rehabilitation, and women's health. The project is LEED® Silver certified. (Complex MEP systems)

Heinz Lofts Service Building, Pittsburgh, PA. *Superintendent.* Renovation of the former Heinz Service Building. The six-story building was converted into a multi-family residential complex containing 151 new apartments. Amenities include a fitness center, video fitness room, gaming room, laundry room, community room, tenant storage, bike storage, a garden/patio, and on-site management offices. Repairs were done to the brick and stone masonry, shelf angles, and the roofing system. New elevators were installed, as well as new HVAC, plumbing, fire protection, and electric were installed. (Tight site and logistics; urban)

West Virginia State Office Building, Clarksburg, WV. *Superintendent.* Construction of a new four-story, 88,491-square-foot office building to house multiple government agencies. The facility was designed with an open floor plan concept and includes conference and presentation rooms and can accommodate about 180 employees. Seeking LEED® Silver certification. (New construction)

Energy Innovation Center, Pittsburgh, PA. *Superintendent.* Renovation of the former Connelly Trade School to provide 201,000 square feet to house innovative research in sustainable energy products. Highly energy efficient systems were incorporated so that the new facility achieved LEED® Platinum certification. (Tight site; urban)

Resume

Name: **Taylor Williams**

Employer: Mascaro Construction Company, LP

Current Position/Title: Project Engineer

Education:

- Bachelor of Science, Civil Engineering, 2016
University of Pittsburgh, Swanson School of Engineering

Professional Licenses: Not Applicable

Other Qualifications:

Taylor was enrolled as a co-op at Mascaro during the fall of 2014 and summer of 2016. Upon graduation in 2016, he joined the company full-time. Taylor's strong work ethic and problem solving skills makes him a key member of any team.

Other credentials held by Taylor include:

- Master Builders Association Young Constructors Program, 2017 – Present
- Association of General Contractors (Student Chapter), 2016
- American Society of Civil Engineers, 2015 – Present

Relevant Work Experience:

Tippin Gymnasium Renovation/Expansion, DGS and Clarion University, Clarion, PA. *Project Engineer.*

Renovation and expansion of the Tippin Gymnasium. Work includes renovation of the natatorium and addition of an 11,000-square-foot recreation pool. Designed to achieve LEED® Silver certification. (Mentioned in Section 1A)



Steel Erection for K804 Pre-engineered Metal Buildings, WV. *Project engineer.*

The steel erection of Butler Buildings for a new 313,000-square-foot manufacturing facility. Erection work includes all handling, hauling, receiving, unloading, and assembly.

K624 Concrete Dock Paving, WV. *Project engineer.*

Contract for the concrete and sidewalk pavement. Work includes completion of the trench drains, 4,000 lineal feet of stormwater concrete ditch, and coordination with the asphalt contractor.

K 802 Foundations and Grounding Building B400, WV. *Project engineer.*

Foundation and underground process drain excavation and the placement of approximately 21,000 cubic yards of reinforced concrete foundations.

Effluent Treatment Plant, WV. *Project engineer.*

Foundations for an effluent treatment plant at the site of a new manufacturing facility. The work to be completed includes concrete foundations for the tanks, tank farm containment, technical building, and truck spill containment.

Forge Press Foundation, Crankshaft Manufacturer, Sharon, PA. *Intern.*

Construction of an octagonal mass structure approximately 120 feet across and 29 feet thick. Built inside an existing industrial building 24 feet below the existing finish floor elevation, the post-tensioned foundation will be placed in two pours (bottom of 4,300 cubic yards and the top of 2,800 cubic yards).

City of Sharon Excavation, Sharon, PA. *Intern.*

Construction of a new crankshaft manufacturing facility. The scope of includes excavation for six equipment foundations located inside the existing building and the off-site disposal of the excavated soil. Work also includes the supply, installation, and removal of excavation shoring.

Resume

Name: **Rick Bowers**

Employer: Mascaro Construction Company, LP

Current Position/Title: Director of Health, Safety, and Environmental

Education:

- Bachelor of Sciences, Industrial Safety Sciences, 1992, Indiana University of Pennsylvania

Professional Licenses: Not Applicable

Other Qualifications:

Rick has 27 years experience in industrial and construction safety management. Rick possesses the personality and work ethic that epitomizes a Mascaro “build with the best” team member. Moreover, he is uniquely qualified to oversee safety and health policies for Mascaro’s commercial, industrial, and heavy highway divisions, based on the following qualifications:

- Certification, OSHA 10-Hour
- Certification, OSHA 30-Hour
- Certification, eRailSafe Trainer
- OSHA 500 Authorized Outreach Trainer
- Certifications, American Red Cross First Aid & CPR
- Aggression Management Certified Trainer
- OSHA Fall Protection, Excavation and Rigging Competency Certifications
- NCCCO Crane Operator Certification - Core & Specialty
- Top Secret Security Clearance
- Member, American Society of Safety Engineers (ASSE)
- Member, Associated General Contractors (AGC)

Relevant Work Experience:

Rick is involved in all Mascaro projects and has the relevant work experience for this project. His overall experience includes:

- technical and administrative direction to 34 safety professionals.
- management of industrial hygiene programs for Respiratory Protection, Microbial Remediation, Asbestos Abatement and Employee Exposure Monitoring.
- management of corporate safety training program, including OSHA 10- and 30-hour courses, First Aid / CPR, Fall Protection and Forklift Operator certification.
- negotiation and management of cooperative compliance partnering agreements with OSHA (federal) and state occupational safety and health agencies.
- development and implementation of site specific safety programs for Department of Defense and other military strategic operations projects.
- coordination with Risk Management Department on matters involving workers compensation, drug testing, return to work programs, and fleet safety.
- development, implementation, and management of the project safety and loss prevention program for the 2.4 million square foot Orange County Convention Center Phase V expansion.
- management of OSHA compliance for 200+ subcontractors and 1700+ trade and concrete / civil self-perform employees.
- coordination of OCIP, CCIP and workers’ compensation programs and interaction with owner, broker and insurance carriers to resolve claims and cases.

Resume

Name: H. Scott Metzger, CWI, LEED® AP

Employer: Mascaro Construction Company, LP

Current Position/Title: Director of Quality

Education:

- Bachelor of Science, Industrial Technology Management, 1987, California University of Pennsylvania

Professional Licenses: Not Applicable

Other Qualifications:

Having begun his construction career in 1987, Scott has extensive project engineering and management experience, and his understanding of technical standards, inspection procedures, and the entire construction process provides a solid background for the management of project quality assurance and quality control systems. He has been involved in the development of our corporate quality assurance manual as well as our site specific quality assurance and quality control plans.

- ASQ Certified Quality Auditor
- American Welding Society Certified Welding Inspector # 96080211
- NACE CIP, Level I Coatings Inspector
- LEED® Accredited Professional
- AISC Code of Standard Practice Committee
- AISC Certified Steel Structure Inspector Committee
- AISC Fabricator Certification Committee
- AISC Representative to the AWS/AISC Test Bank Task Group – developing the test questions for the Certified Steel Structure Inspector program.
- NRMCA - Level 1
- U.S. Army Corps of Engineers CQM Qualified
- OSHA 10-Hour Certification
- OSHA Aerial Lift Training
- First Aid | CPR Certifications
- American Society for Quality, member

Relevant Work Experience:

Scott is involved in all Mascaro projects and has the relevant work experience for this project. He routinely conducts quality audits on all Mascaro projects and stresses the process of planning the work and working the plan. Attributes he brings include:

- Well versed in management principles and their application to any given situation.
- Sets the standards high and instills confidence in the workers that they can do things better each time they do it.
- Logical, observant, and detail oriented.
- Capable of finding innovative solutions to a problem offering unique alternatives while turning unfavorable situations into favorable situations.
- Analytical in his approach to a complex situation and readily identifies the factors that are relevant to the task at hand.
- Makes careful and timely decisions.
- Clear communication skills are an asset in the field where he shares ideas and ensures that the entire team has a good understanding of expectations.
- Open, honest, and ethical in all types of decisions and dealings.
- Team player using the give and take approach with a can do attitude.
- Motivates and continuously coaches team members to meet the highest quality standards.

Resume

Name: **Dan Auchey**

Employer: Mascaro Construction Company, LP

Current Position/Title: Scheduling Manager

Education:

- Bachelor of Science, Civil Engineering, 2002, University of Pittsburgh

Professional Licenses: Not Applicable

Other Qualifications:

Dan began his construction career in 2000 as an intern for a large, Pittsburgh-based construction firm gaining estimating and field management experience. Upon graduation, he began full time employment as a project engineer. He joined Mascaro in 2006.

Relevant Work Experience:

Tippin Gymnasium Renovation/Expansion, DGS and Clarion University, Clarion, PA. *Scheduler.* Renovation and expansion of the Tippin Gymnasium. Work includes renovation of the natatorium and addition of an 11,000-square-foot recreation pool. Designed to achieve LEED® Silver certification. (Mentioned in Section 1A)

Museum Support Center, Senator John Heinz History Center, Pittsburgh, PA. *Scheduler.* Renovation of a former warehouse to provide 50,000 square feet of climate-controlled storage. Designed to achieve LEED® Silver certification. (Mentioned in Section 1A)

Huntington Federal Building Modernization, Huntington, WV. *Scheduler.* Project to modernize the occupied seven-story, 138,600-square-foot building. The upgrade addressed issues such as hazardous material abatement, air/water infiltration, masonry replacement, roofing replacement, energy efficiency, and security upgrades required by the building tenant, the U.S. Army Corps of Engineers. (Mentioned in Section 1A)

Robert H. Jackson U.S. Courthouse, Buffalo, NY. *Scheduler.* Construction of a 10-story, 265,000-square-foot courthouse, which contains nine courtrooms, eleven judge's chambers, numerous office and administrative support spaces, a glass-entry pavilion, and a 54-space, one-level underground parking garage. LEED® Gold certified. (Mentioned in Section 1A)

Kovalchick Convention and Athletic Complex, Indiana University of Pennsylvania, Indiana, PA. *Scheduler.* 150,000-square-foot multi-event complex for convocations, intercollegiate men's and women's sporting events, conferences, lectures and concerts. LEED® certified. (Mentioned in Section 1A)

Student Union Building, Slippery Rock University, Slippery Rock, PA. *Scheduler.* Construction of a new 107,000-square-foot, three-story student union. The LEED® Silver certified building has rooftop mechanical penthouses and an atrium open to all floors. It incorporates energy efficient systems, a green rooftop garden, exterior terraces, and a reflective white membrane. The first floor includes a bank, coffee shop, bookstore, and offices. The second floor houses the student organization suite, three lounges, a restaurant, food court, dining area, kitchen, and loading dock. The third floor was totally fit out as a conference center with a ballroom/performing arts function and a mix of seven large to small meeting rooms. (Mentioned in Section 1A)

Dick's Sporting Goods World Headquarters, Coraopolis, PA. *Scheduler.* A five-story 670,000-square-foot corporate complex that includes a 500-seat auditorium, a data center with multiple back-up and redundant systems to ensure 24/7 operation, a full-service kitchen and cafeteria, daycare center, an indoor basketball court, and extensive outdoor recreation / fitness areas. LEED® certified. (Mentioned in Section 1A)

Mascaro Center for Sustainable Innovation (MCSI), University of Pittsburgh, Pittsburgh, PA. *Scheduler.* This 42,000-square-foot, addition and renovation of Benedum Hall provided a two-story research and administrative headquarters. LEED® Gold certification. (Mentioned in Section 1A)

Executive Building, Washington, DC. *Scheduler.* The renovation and expansion of a ten-story office building to create 350,000 square feet of Class A office space. The 12-story addition included two levels of below grade parking. Mascaro added two stories to the existing building and re-skinned the exterior to provide a unified building façade. The project also included the installation of new mechanical, electrical, and plumbing systems. (Mentioned in Section 1A)

GIBBLE CONSTRUCTION, INC.
CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAYFOAM INSULATION, POLYUREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Fax 717-361-0844

Name: Nick Cicero

Employer: Gibble Construction, Inc.

Current Position/Title: ProjectManager

Education: HS Graduate 2007, 2 years of Business Administration at HACC, ABAA Quality Assurance Program

Professional Licenses: ABAA Accredited Contractor 2019, ABAA Quality Assurance Program Administator Certification, JAHN Certification, OSHA 10HR

Other Qualifications: 8 years in-field training, 4 years running office / company.

Relevant Work Experience: State College Area High School, Corl Street Elementary School, Harrisburg Federal Courthouse, PHFA, Standard at State College



Kyle Beaver Project Manager

53-14th Street, PO Drawer 6399
Wheeling, WV 26003
304-232-8540
kbeaver@krsm.net

Education

West Virginia University - Bachelor of Science in Industrial Engineering
Kalkreuth Roofing & Sheet Metal, Inc. 3-Year Internship
University of Wisconsin - Low Slope Roofing Systems
Centria - Wall Panel Systems

Length of Service with Kalkreuth Roofing & Sheet Metal, Inc.
Since 2008

Projects of Interest

<u>Project Name/ Location</u>	<u>Client</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
Ahuja Medical Center – 3 rd Floor Beachwood, OH	Gilbane Building Company 216-535-3000	SBS Roofing	\$1,277,000
Tidewater Community College Virginia Beach, VA	Gilbane Building Company 804-782-6500	Phenolic Panels Wall Panels Composite Panels Louvers	\$1,360,000
Charleston Area Medical Center Charleston, WV	Maynard C. Smith Construction Co. 304-925-3190	Composite Panels Foam Wall Panels Terrace Roofing EPDM Roofing	\$2,143,668
Allegheny Co. Jail PH 3	County of Allegheny 412-350-4248	EPDM	\$1,183,455
Amanda Clearcreek LSD	OFSC (State of Ohio)	Sarnafil Décor Rib PVC	\$4,250,496
Thomas Jefferson HS	Nello Construction 724-746-1900	“A” EPDM Composites Wall Panels Metal Roofing	\$2,670,000
One University Circle	Panzica Construction 440-442-4300	TPO Terra Cotta Wall Panels Insul. Wall Panels Composites	\$6,607,780



Josh W. Tickerhoof

Foreman/Superintendent

53-14th Street
 PO Drawer 6399
 Wheeling, WV 26003

Education

Roofers Local 188 Joint Apprenticeship Training Program

Manufacturer Training & Certifications

Firestone	Tamko	Hydrotech	Certaineed
Johns Manville	Barrett	GAF	WR Grace
Carlisle	Versico	Sarnafil	Duro-Last
	Hanover	Wausau	

Length of Service with Kalkreuth Roofing & Sheet Metal, Inc
 Since 2000

Projects of Interest:

<u>Project Name/ Location</u>	<u>Client</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
Queens City Tower Cincinnati, OH	Turner Construction 513-721-4224	PVC Roofing	\$1,910,985
Hollywood Gaming Dayton, OH	Turner Construction 513-721-4224	TPO Roofing	\$849,000
Marshall Co. Readiness Center Moundsville, WV	State of West Virginia State Armory Board	EPDM Roofing	\$130,000
WVUH Rosenbaum Family House Morgantown, WV	MBM Contracting, Inc. 412-379-9000	EPDM Roofing Shingle Roofing	\$185,000
University Place Student Housing Morgantown, WV	Turner Construction 412-255-5400	TPO Roofing	\$550,000

- Member of United Roofers, Waterproofers & Allied Workers Local 188 since 2000
- Recipient of numerous safety awards presented by Kalkreuth Roofing & Sheet Metal, Inc for job site safety. OSHA 10hr, OSHA 30hr, CPR/ First Aid, Fall Protection & Scaffolding Competent Person, Lull Trained & Aerial Lift Certified, Drug-Free Workplace Supervisor.
- Experience and knowledge in all types of roofing applications including EPDM, PVC, TPO, built-up, slate, shingle, and heat welded roof system.



Name: Eric J. Pokrywiecki

Employer: Mascaro Construction Company, LP

Current Position/Title: Superintendent

Education: Heavy Construction Carpenters Local Union \$2274

Professional Licenses: Certifications, American Red Cross First-Aid and CPR; OSHA 10-Hour; OSHA Fall Protection, Rigging, and Excavation Competency Certifications; OSHA HAZWOPER Certification; and skilled in EFCO, DOKA, SYMONS, and PERI forming systems

Other Qualifications: With a background in heavy, highway, and building construction, Eric is skilled in surveying, task and staffing plans, ensuring conformance with specifications, schedule management, and maintaining a safe and accident-free work site. He has significant knowledge of the concrete trade and structures and has managed structural concrete work that includes foundations, formwork systems, and placing and finishing.

Relevant Work Experience:

D.C. Soccer Stadium, Washington, D.C. Superintendent. Foundations package, which includes reinforced steel, steel mesh, all concrete grade beams, concrete walls, concrete footings, concrete stadia risers, concrete slab on grade, concrete slab on deck, topping slabs, and concrete stairs on grade.

Compressor Station, U.S. Pipeline, Salineville, OH. Superintendent. Construction of a compressor station. Work scope: E&S installation, site drainage, structural excavation/backfill, caissons, fencing, concrete, anchor bolts, embed, asphalt paving, and potentially PEMB.

S2001 Site Development, Shell Petrochemical Facility, Monaca, PA. Assistant superintendent. Site development project for the Shell Franklin Petrochemical plant. Mascaro's work consists of two cast-in-place retaining walls, three MSE walls, one soldier pile wall, placement several box culverts, five outlet structures, a concrete detention pond, and two bridges.

Courtyard Waterfront Hotel BP#1, Marriott, Erie, PA. Superintendent. Site, concrete foundation, and underground utility work during the construction of a new hotel for the Erie County Convention Center Authority. The 125,000-square-foot, 191-room facility will be located next to the existing Bayfront Convention Center in Erie.

DEBRA'S GLASS INC.

COMMERCIAL GLASS & GLAZING CONTRACTOR

Name: **Derek Roth**

Employer: **Debra's Glass, Inc.**

Current Position/Title: **Project Manager**

Education: *OSHA 10; Certified in Aerial Boom Lift Operation; Certified in Forklift*

Operation; CPI Panel Installation Certification

Professional Licenses:

Other Qualifications: *Derek has 16 years of experience in the construction industry. He*

has hands on experience in the field with seven years as foreman at Debra's Glass. He was

responsible for monitoring jobsite work and ensuring safety regulations were followed.

Relevant Work Experience: *As project manager responsible for all aspects of coordination*

Between field, shop, and office; and weekly jobsite visits to review material, equipment, or

manpower needs, review schedules and updates to schedule. Works closely with shop

To ensure fabrication, packaging, and delivery of material to site on time.

DEBRA'S GLASS INC.

COMMERCIAL GLASS & GLAZING CONTRACTOR

Name: **Dale E. Brensinger**

Employer: **Debra's Glass, Inc.**

Current Position/Title: **Jobsite Foreman**

Education: *La Plata High School, Maryland, 1989; Ahern Equipment Safety Training -*

Warehouse, Rough Terrain Forklift, Scissor and Boom Lift; OSHA 30 Certification;

Tubelite Glazing Certification; NGA Certified Glass Installer; First Aid CPR AED

Professional Licenses:

Other Qualifications: *Dale has 30 years of experience in the construction industry and was self-employed in the door and window industry for seven years.*

Relevant Work Experience: *Dales responsibilities include management duties, directing field personnel, ensuring proper installation, quality of products and workmanship with timely completion of the projects. Projects include: Arlington Elementary, NASA, DC Water, CHP Blue Plains, FBI, and Cinderbed.*

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CAULKING, WATERPROOFING, FIRESAFING, AIR BARRIERS, SPRAYFOAM INSULATION, POLYUREAS

405 Hoffer Road
Elizabethtown, PA 17022

Phone 717-665-7858
Fax 717-361-0844

Name: Nick Cicero

Employer: Gibble Construction, Inc.

Current Position/Title: ProjectManager

Education: HS Graduate 2007, 2 years of Business Administration at HACC, ABAA Quality Assurance Program

Professional Licenses: ABAA Accredited Contractor 2019, ABAA Quality Assurance Program Administator Certification, JAHN Certification, OSHA 10HR

Other Qualifications: 8 years in-field training, 4 years running office / company.

Relevant Work Experience: State College Area High School, Corl Street Elementary School, Harrisburg Federal Courthouse, PHFA, Standard at State College

SECTION
T-2B

**work plan and
schedule**



mascaro
... build with the best

Proposer shall provide a Work Plan and Schedule consistent with any preliminary project schedule or milestone information. Proposal shall provide a narrative describing understanding of the use of the schedule during construction, best estimate of Work Plan and Schedule, and clear listing of fundamental assumptions.

Schedule

The construction of the New Pennsylvania State Archives Building in Harrisburg is a complex project that will require constant coordination and communication among all the contractors on the job. This not only applies to the general contractor's responsibility as the lead contractor, but also applies to each and every prime contractor and their subcontractors as well. Mascaro Construction Company, LP (Mascaro) has completed numerous successful projects for the Department of General Services (DGS). Because there are no contractual agreements between the separate prime contractors, we have found the key to complicated projects like this is communication and planning. These two elements are the most important building blocks to create a solid foundation for a successful project. Without them, the project has the potential to suffer, and/or ultimately, be a failure for all. Mascaro's commitment to develop a thorough work plan for all our projects is not only a contractual obligation, but an essential activity to our building process.

The key to this difficult project is the concrete frame of the building. It will drive the overall work flow and schedule milestones. The concrete frame progression is critical for building enclosure, as well as other prime contractors, as they cannot proceed until the frame is in place. Submittals and material procurement for all items related to the concrete frame will be expedited, which will allow the frame to proceed as soon as the foundations are available.

The critical path of this project follows the sequence below:

- Mobilize / Excavation
- Caissons
- Foundations
- Foundation Walls
- Underground Utilities
- Slab on Grade
- Concrete Columns

- Elevated Slab Formwork/Rebar/Placing Concrete/Form Stripping/Reshoring
- Architectural Finishes

The key to any successful project is how the contractor comes out of the ground. We will work closely with our subcontractor performing the excavation/utilities/site-work, and the other prime contractors. This is not a massive earth-moving project, so foundations will progress quickly. We will coordinate the installation of the six drilled piers, and sequence the foundation work to coincide with the sequence of the building frame.

Mascaro takes the following steps to develop, monitor and control the schedule.

- **Detailed Baseline Schedule Preparation.** As detailed in the specifications, Mascaro will facilitate an initial scheduling meeting with all prime contractors, DGS, the professional, and consultants. After this meeting, we will receive feedback from all prime contractors and develop the project baseline schedule. A follow-up schedule meeting will be facilitated, and the fully integrated project schedule will be submitted. The integrated schedule will have detailed logic and reasoning. It will show a clear path, demonstrating how all the milestone dates will be achieved. It will provide Mascaro, all primes, and subcontractors with an excellent tool for planning and communicating the work as well as measuring progress. Based upon our experience with projects of this size and nature, we would expect our schedule to define over 1,200 activities.
- **Presentation and Communication of the Baseline Plan.** Rather than just submit the fully integrated schedule to the owner for approval, we present the integrated schedule in a meeting so it can be discussed. This is done with the superintendent and site staff, giving them an opportunity to present not only the plan but also the thought process behind the plan. This provides the owner and the design team a head start in their review and approval process of the schedule.
- **Progress Updates and Maintenance of Detailed CPM Schedule.** Mascaro's superintendent and project engineer perform weekly updates to assess progress made during the week and allow for adjustments in planning as needed. A complete review is conducted monthly with the onsite

team and includes adjustments to progress and projections. A report is then submitted to the owner for review.

- **Analysis of actual progress vs. original plan, including deviation reports.** Updates are reviewed for performance against the previous plan. Deviations are reviewed and analyzed for cause. This allows impacts, delays, and productivity problems to be identified early on, minimizing overall impact to the project schedule.
- **Incorporation of revised work plans and sequences (what-if analysis).** Schedules are dynamic and revised plans are reviewed via a what-if analysis before implementation. Mascaro is always looking for a better way to execute the work; and the schedule can be used to validate the advantages of a revised plan, means, or methods. If the project is ever in jeopardy of falling behind schedule, a recovery plan will be implemented to immediately recover any lost time and re-establish the original milestone dates. We understand the urgent need for the new Archives building. We will meet all schedule dates, which will allow the DGS to move existing archives into the new building, where they will be better protected and preserved.

During the construction phase, the detailed schedule will identify the sequencing and phasing that will allow for the primes and subcontractors to work in a coordinated effort. We firmly believe Mascaro's experience is second to none in the coordination of primes, subcontractors, and vendors. Mascaro has completed some of the most unique and difficult projects in the region. Our coordination efforts include weekly subcontractor meetings to ensure that work is properly scheduled and sequenced to avoid any delays. Individual team members involved in these meetings include the project manager, superintendent, project engineer, the owner, the architect, end user, and any other consultant or key team member as required. Current schedule, three-week look ahead schedule, RFIs, change orders, product deliveries, manpower, equipment, and safety, just to name a few, are discussed among the group. Any issues that arise from these weekly meetings are addressed proactively to ensure a quick response and circumvent any impacts to the schedule.

Other ways that our schedules support project management include:

- Monitoring actual productivity vs. the original plan which provides an opportunity to address potential delay issues early and resolve them through revised work plans or sequences. This is especially critical regarding the concrete frame. Productions will be closely monitored with concrete forming and placing.
- Helping to monitor and determine monthly progress payments.

- Identifying critical path activities, which allows the project management team to focus on the work items driving the project milestones and overall completion dates.

Mascaro is committed to closely monitor the project using the schedule. Our use of the CPM schedule as a planning tool provides the required road map to successful on-time project completion. Our belief is that if you plan the work and work the plan, project success is inevitable.

Coordination with Primes

It has been Mascaro's experience that most problems on a construction project result from misunderstandings, and that effective communication is the primary means of successful problem resolution. Regular team meetings:

- provide a forum for partnering and development of common objectives;
- emphasize up-front team building and rapid issue resolution; and
- promote cooperation rather than competition among the project team members.

By establishing lines of communication through the partnering process, implementing a dynamic RFI process, and meeting on a regular basis, most, if not all, issues will be resolved in the field.

There may come an occasion when this is not enough to settle a problem. On past projects, Mascaro has implemented a dispute resolution process that establishes the hierarchy for dispute management. We suggest the following procedure to secure an amicable resolution.

- Mascaro will work to resolve all conflicts at the lowest possible level.
- If this meeting does not produce results, we will go to the next level and involve the principals for the various team members to resolve the matter.
- In the event that this is insufficient, we would recommend having the dispute reviewed in front of an impartial third party.

We have found this process to be extremely effective in managing misunderstandings and disputes. The key to making this process work is the quick response to outstanding items. By resolving issues at a reasonable pace, team members embrace the process, resulting in a successful project.

Mascaro believes that communication is the key to this project's success. Our team will conduct regularly sched-

uled meetings to report on progress, request information, discuss conflicts, keep all parties on track and make quick decisions in order to maintain the schedule. Mascaro will meet as many times as is required to communicate clearly throughout the construction and commissioning process and expects all stakeholders to be involved in the process so the facility accurately meets the requirements of the DGS and the end-user groups.

Submittals

Mascaro's initial approach to this project would be to start the submittal process immediately upon issuance of the Letter of Intent to Contract from the DGS for the following key long-lead / immediate-need items:

- shoring (may be needed along part of Hamilton and part of North 6th streets)
- cast-in-place concrete formwork design
- embedded plates in cast in place concrete (there are thousands)
- mobile storage shelving rails
- reinforcing steel
- structural steel
- solar shade
- site utilities
- abatement and tank removal
- masonry
- metal wall panels
- curtainwall
- roofing
- elevators

These items have been identified because they:

- a) require coordination among our trades and/or the prime contractors
- b) have long lead times
- c) will be utilized early in the project

Not all the submittals for these packages will be submitted for review at one time. We would suggest a meeting with the project manager, the design professionals, and the respective subcontractors to prioritize which ones are most critical to meet the project's master schedule. Based on our initial review, and without dialogue from other members of the project team, we anticipate our most critical submittals to be:

- **Shoring submittal and design.** The excavation for the lower level of the building may require part of Hamilton Street and part of North 6th Street to be shored, to prevent collapse of the curb / street / utilities. We would ideally like to have an access road around this corner, which may require shoring. Since this excavation is one of the first work activities, we will expedite this submittal.

- **Cast-in-place concrete formwork submittals and design.** The main critical path item for this project is the concrete frame of the building. Therefore, the submittals for this work are also critical. These submittals are required to allow the formwork subcontractor to deliver and build formwork when needed, so the schedule is not delayed.
- **Embedded plates in concrete, for building veneer, curtainwall, solar shade, interior masonry walls.** There are thousands of embedded plates, and they must be accurately located and cast into the concrete frame. These embedded plate submittals and layout drawings are required to allow the steel subcontractor to deliver the embeds for us to place, which allows the concrete frame to proceed on time.
- **Mobile storage shelving rails submittals / shop drawings.** These rails are cast into a topping slab, so early approvals will be needed to give the supplier enough time to fabricate and ship the rails to the site.
- **Reinforcing steel.** Rebar will be needed on site quickly for building foundations and drilled piers, which will be started as soon as possible. Having reinforcing steel on site is critical for foundations to proceed.
- **Structural steel submittals / shop drawings.** Even though this is not a steel-framed building, the structural steel submittal process will be critical to get steel on site when needed. Early approval will allow enough fabrication time, and steel deliveries will not affect the project schedule.
- **Solar shade structure submittals / shop drawings.** Even though this is an architectural element, it is substantial, and materials must be on site when needed. Early approval will allow enough fabrication time, and the aluminum solar shade delivery will not affect the project schedule.
- **Site utility materials submittals / shop drawings.** Utility work is required in conjunction with the initial sitework. These submittals are required to allow for fabrication and delivery so new building construction is not delayed.
- **Abatement and tank removal.** This must proceed immediately in the existing American Legion building, to allow sitework to proceed. These submittals will be a priority.
- **Masonry submittals and shop drawings.** With the substantial amount of masonry walls and veneer, the masonry work is critical to enclosing the building and keeping the weather out. These submittals must happen early on, since the masonry construction must follow the concrete frame vertically as it goes up.
- **Metal wall panel submittals and shop drawings.** Metal wall panels, like the masonry, are critical to building enclosure and the overall schedule.

- **Curtainwall framing and glass submittals / samples.** Curtainwall delivery will be critical to enclosing the building, so these submittals and samples are critical.
- **Roofing and sheet metal submittals / product data.** The hybrid Kee roofing will be the first line of defense against water from above, and is obviously critical to drying-in the building. As soon as the concrete roof structure is ready to accept roofing, we will proceed.
- **Elevators.** Elevators are always a long lead item, so early submittals are key.

The above paragraphs stress the importance of the submittal process and identify the items which are essential stepping stones towards completing the job. This does not take away from other items, but it stresses how important it is to get out of the ground, as well as started on the interior renovations, as soon as possible. It is our goal to have the building enclosed and dry as soon as possible. Because of this, it is imperative to adhere to the submittal schedule and construction schedule.

We have identified the early and important parts of this project from the general contractor's point of view. Although we will be the lead contractor on site, without information from the other prime contractors, we cannot know what impacts our plans will have on them. We will be in constant communication with the other primes, and their subcontractors.

We stress the importance of properly documenting and distributing each submittal, both initial and reviewed, to all the contractors who could be impacted by this work. In addition, we use two-week look-ahead schedules, encourage daily huddles among the work forces, and require mandatory foreman meetings and project coordination meetings every week. These activities help bridge the communication gap that can occur on a project. We are aware of this aspect since we are a self-performing general contractor, and have the ability to self-perform concrete work, excavation, demolition, rough carpentry, finish carpentry, doors, frames and hardware, drywall, acoustical, and specialties and equipment installation. It is in our culture to make sure that all parties involved in the project stay in constant communication, allowing for a smooth execution of the work plan.

Quality Control of Building Envelope

Our in-house quality control staff will be on site to ensure compliance and proper installation of the roofing and air barrier systems, as they are both critical to maintaining the interior climate of the building. It has been Mascaro's experience that issues with the building envelope can be elimi-

nated through detailed mock-ups and effectively communicating with the subcontractors. Mock-ups will be evaluated for compliance, and any potential issue will be identified and corrected. Installation of the air barrier and roofing will only commence once all necessary conditions are achieved. Mascaro understands the importance of these two systems, and will closely monitor their proper installation.

Schedule Overview

The overall project duration is 757 calendar days from the Initial Job Conference. We have provided a preliminary schedule showing our proposed sequencing of work.

With a proposed notice to proceed date of October 20, 2019, we are showing the following dates:

Mobilize/Clear/Excavation	Oct 21, 2019 – Dec 24, 2019
Foundations	Dec 26, 2019 – May 1, 2020
Foundation Walls	Feb 21, 2020 – Jun 15, 2020
Concrete Frame	Mar 6, 2020 – Feb 9, 2021
Masonry (block)	Sep 2, 2020 – Feb 1, 2021
Building Veneer	Feb 2, 2021 – Aug 19, 2021
Exterior Glass	Mar 16, 2021 – Oct 1, 2021
Roofing	Feb 2, 2021 – Apr 5, 2021
Interiors / Finishes	Feb 1, 2021 – Nov 15, 2021
Substantial Completion	Nov 15, 2021
Punchlist	Nov 15, 2021 – Nov 30, 2021

The overall construction is a 25 month duration based on beginning work on site in October 2019.

Work Plan

We have separated the project into nine construction sequences. We will provide our description of the work plan based on this break down. These descriptions only address the work of our .1 contract. We will coordinate the work of the other prime contractors to allow all work to progress seamlessly.

Sequence 1 – Mobilize / Clear / Excavation (Oct 2019 – Dec 2019):

Sequence 1 will begin immediately after the initial job conference. This sequence involves the work to prepare the site for building construction. Erosion and sedimentation controls will be installed. Abatement and tank removal will occur, as well as site demolition and removal of the American Legion building. Utility shutdowns / relocations will be coordinated with the other primes as well as with the utility providers. The mass excavation for the building construction will happen next, and soil needed for backfill will be stock-

piled on site. If shoring of Hamilton Street and North 6th streets is needed, this will be installed at this time. Though this is a small portion of the overall project, completing this work quickly and efficiently will set the tone for the remaining work.

Sequence 2 – Foundations (Dec 2019 – May 2020):

Foundations will be excavated, formed, rebar installed, and concrete poured. The six drilled piers will also be installed at this time. While this is happening, underslab utilities will be installed. Because this work will start in winter, provisions will be taken to protect the concrete foundations from freezing when poured. Blankets will be used to protect the freshly poured foundations. After formwork has been stripped, foundations will be backfilled with the specified material.

Sequence 3 – Foundation Walls (Feb 2020 – Jun 2020):

As soon as the foundations are far enough along, construction of the Ground Level foundation walls will commence. Area A will start first, then our wall crews will move into Area B. Blankets and heat (if necessary) will be used to protect the concrete from freezing during winter months. Cranes and forklifts will be used to support the wall crews when lifting rebar and formwork.

Sequence 4 - Concrete Frame Area A (Mar 2020 – Feb 2021):

The concrete frame is the most critical item on the schedule, so as soon as possible, concrete columns in Area A will start. The slab on grade will be poured, then shoring and bottom formwork for the first elevated pan slab will begin. We will have enough pans and formwork on site to allow the progression of forming/rebar/pouring/stripping and reshoring to continue without gaps in the schedule (about 1-1/2 levels of pans). During the forming of the frame, we will also install the numerous steel plate embeds needed for attachment of building veneer, solar shade, etc. We will also install insulation where needed for insulated slabs. The Area A frame will start first, and the Area B frame will start about two months later. We will have multiple crews installing the Area A and columns and pan slabs, as well as Area B columns and beam/plate slabs. We will have multiple cranes and other equipment on site to facilitate the concrete frame installation.

Sequence 5 – Masonry (block) (Sep 2020 – Feb 2021):

The masonry block on this project will need to be done differently than most buildings. The masons will need to install block backup vertically as the concrete frame progresses upward. This means having more scaffold on site than normal, and installing in a different sequence than usual. We have made certain the masons understand this, during the

bidding process. Getting the exterior block backup installed as soon as possible is critical to allow the air barrier, veneer, and exterior glass to proceed and maintain the schedule. We will coordinate labor needs with the masonry subcontractor, as this part of the schedule is going to require substantial manpower.

Sequence 6 – Building Veneer (Feb 2021 – Aug 2021):

The building veneer will start in the winter, and will require enclosure and temporary heat. As with the masonry block, the veneer will require substantial manpower. We will plan ahead and make sure there are multiple crews on site to maintain the schedule.

Sequence 7 – Exterior Glass (Mar 2021 – Oct 2021):

Exterior glass will commence as soon as openings are available. Openings with glass not yet installed, or not ready for glass, will be temporarily enclosed to allow interior work to proceed. Exterior glass will start in Area B to allow the large curtainwalls to be installed first, then Area A will be installed. This will help with building enclosure and cut down on the number of temporary openings we infill. Because the glass happens later in the project, there will be adequate time to coordinate this installation with the glass subcontractor.

Sequence 8 – Roofing (Feb 2021 – Apr 2021):

Roofing installation will commence as soon as the roof slab is ready for roofing and the weather conditions are acceptable. If there are delays with weather, we will work with the roofer and other contractors to come up with a plan to make up lost days and remain on schedule. Roofing will begin in Area A and move to Area B.

Sequence 9 – Interiors / Finishes (Feb 2021 – Nov 2021):

Interior framing and some rough-ins can begin before the roof is on. Once the building is dry the interior work will commence in full force. Drywall, ceilings, flooring, tile, casework, doors, painting, and all the finishes will be installed and cleaned. **The spaces specified as having mobile shelving will be ready for Owner installation 671 days into the project. We understand this is necessary to allow the Owner to maintain their schedule with moving items into the new building.**

The above work plan description is for the project based on the information available. Upon award of the project, we will work with the subcontractors selected and all the other prime contractors to establish the integrated project schedule.

Site Logistics

Mascaro’s approach to site management starts with a comprehensive site logistics plan. The plan is developed with all project stakeholders and any authorities having jurisdiction over the site and surrounding roadways. The plan is included in the project manual for all subcontractors and suppliers, clearly identifying not only access points into the site, but also working hours, timeframes for deliveries, onsite parking and material laydown, and any phasing considerations. **As we are the general contractor for the adjacent GSA federal courthouse project, we will closely coordinate all site logistics / traffic & pedestrian plans / deliveries to ensure there are no conflicts or delays due to logistics.**

Our project team will work with key team members to develop a 3D site logistics plan, which will identify and plan for:

- Office trailer location
- Materials delivery and storage
- Site fencing
- Pedestrian and vehicle traffic routing and wayfinding
- Signage locations
- Locations of construction equipment, crane placement, and crane paths
- Site occupant emergency egress routing

Systems Utilized for Document Control

Mascaro uses a web-based program that allows for ease of communication. The project team will set up a program that specifically matches the requirements outlined by the project and/or DGS. Mascaro has experience with various programs. We have used industry standards such as Prolog, Newforma, ActiveProject, Newforma Project Cloud, Constructware, Evolve, Expedition, and Viewpoint Team (One) and understand the value ePM (electronic project management) systems provide, not only to the review process, but to enhancing overall communication among all team members. We have also used proprietary and confidential FTP sites for collaboration.

We use cloud-based Viewpoint Teams project management software most often. The program tracks RFIs, submittals, and other critical pieces of information such as project photos, meeting minutes, MEP coordination drawings, etc. The project website will be accessible to all team members; however, permissions are applied to keep certain information confidential depending on the user. When new information is added to the project site, such as an RFI or submittal, the responsible party (or parties) is notified by email and a ball-in-court is assigned as necessary. These web-based systems are cost-friendly and a very effective way of sharing

and storing information and ensuring accountability among all team members.

Mascaro’s current resources are capable of coordinating with all team members using the agreed-upon ePM system, and providing the methods and means to ensure a thorough management process, maximizing the opportunity for successful completion of the project — on-time, on-budget, and within quality expectations.

Having access to all of this information in one location allows us to streamline our management processes and convey information in a timely manner. Information that we can maintain electronically includes, but is not limited to:

- Contracts
- Drawings and Specification Logs
- Insurances
- Submittals
- RFIs
- Change Orders
- Owner Progress Meetings
- Subcontractor Meetings
- Pay Applications and Lien Waivers
- Job Photos
- Monthly Project Status Reports
- Schedule Updates
- LEED Documentation
- Small / Disadvantaged Business Participation
- Maintenance of As-Built Drawings
- Operating and Maintenance Manuals
- Commissioning Documentation
- Training
- Warranties

Mascaro has done many projects very similar to this one, and one thing we try to build on is relationships. We understand that it takes more than “bricks and mortar” to build a building – it takes great people, and the people on a project will dictate the success or failure of a project. The ingredients for a good project are making sure what you put into it is the best for everyone involved. A good work plan is comprised of proper planning and communication. These two items will assist in the development of an achievable work schedule that will help everyone on the project team obtain the same goals - a successful safe project that is completed on time, under budget, and to the highest level of quality.

SECTION
T-2C

safety plan



mascaro
... build with the best

Provide a description of your Health and Safety Program to be used for the Project; how will it be customized to meet requirements; identify employee workforce safety training/certification programs; identify incident/accident avoidance programs.

HSE Program Description

Our safety and health philosophy is based on the following principles:

- We will conduct all of our activities in a manner that accounts for the impact to the safety and health of our workforce and the communities in which we work.
- We are committed to the prevention of injuries and illnesses and to the continual improvement of our safety and health management and performance.
- We will evaluate and comply with all applicable federal, state, and local laws and regulations as well as other pertinent requirements at each location where we conduct business.
- We will communicate HSE policy to all employees, make it available to the public, and establish procedures to receive and respond to inquiries from external interested parties.
- We will alert potentially affected individuals and authorities of any safety and health incidents in a timely and effective manner. Thorough investigations will be conducted and corrective and preventative actions shall be implemented and monitored.

Senior Management shall maintain and periodically review the implementation of the Mascaro Health, Safety and Environmental policy. Mascaro believes that how we care for people today affects both current and future generations. We accept our responsibility for maintaining awareness and minimizing adverse safety and health impacts from our operations.

For the Department of General Services, this commitment results in reduced costs, no loss of productivity, and most importantly, safely returns everyone home each day.

The Mascaro Health, Safety and Environmental (HSE) process is built upon five pillars which are prequalification, planning, education, monitoring, and recognition. The Mascaro Corporate HSE Program Manual is divided into three sections containing forty-two individual policies. From this manual, the director of HSE will develop a project

specific Site, Health, and Safety Plan (SHSP). This plan identifies both corporate policy and project specific procedures designed to ensure the safety and health of all project employees in the workplace. Our commitment to safety will extend beyond our team, subcontractors, and project site to include your staff, students, visitors, and the community. All employees are empowered to affect change to ensure job site safety. Whether a newly hired employee or craft journeyman, if an unsafe act or condition is observed, each employee is authorized and required to stop that work or notify a supervisor in order to prevent a potential incident.

Management and supervision are charged with the responsibility of preventing the occurrence of incidents or conditions that can lead to occupational injuries or illnesses. It is management's responsibility to provide effective training and education that will result in a safe place to work, and to ensure that safety and health rules and procedures are adequate and enforced.

Customized Project-Specific Safety Plans

Mascaro is committed to providing a safe and healthy workplace for all project employees. The Mascaro Site, Health, and Safety Plan (SHSP) contains policies, procedures, and programs designed to ensure the safety of our workforce, construction personnel and the general public. We consider the prevention of incidents to be an integral part of our operation, and to these ends, we will establish a supplemental site-specific plan to assure the continued safety of all project employees.

The SHSP is designed to:

- Identify and evaluate jobsite hazards.
- Establish means and methods to prevent exposure to unsafe conditions.
- Develop a system to communicate with project employees concerning safety matters and to encourage feedback.
- Establish training and retraining programs for employees.
- Develop a recognition program that identifies individuals/subcontractors who have met criteria and goals for working safely.
- Develop an enforcement and disciplinary system to ensure that employees comply with the Site Health and Safety Plan.
- Establish a culture on the jobsite where safety is recognized as the top priority.

Our goal is to establish and implement a SHSP that will provide a foundation for the identification and elimination of unsafe acts and conditions. We expect to prevent injuries, occupational illnesses, and property damage by establishing safe and healthful methods on our construction sites. Each Mascaro employee, subcontractor employee, owner representative, vendor, or supplier assigned to or visiting the project must abide by these requirements.

A typical table of contents for our SHSP is as follows:

- HSE Policy Statement
- Project Information
- Site Health and Safety Plan Introduction
- Assignment of Responsibility
- Critical Safety Planning Activities
- Audits and Inspections
- Emergency Procedures
- Incident Investigation
- Physical Hazard Control Measures
- Health and Environmental Conditions
- Safety Recognition Program
- Project Site Map
- Emergency Medical Care Clinic and Hospital Facilities with Maps and Driving Directions
- Emergency Action Plan
- Focus Four Plus Audit
- Detailed and relevant project-specific Mascaro Corporate Health, Safety, and Environmental Program Appendix Sections

Our director of health, safety, and environmental will meet with the project manager and superintendent to build the SHSP. In addition, we will meet with the DGS to review its specific requirements, along with any Clarion University requirements, as well as the local authorities and agencies. Public safety is always the most important factor on the project. Our goal is to insure that the public and construction workers remain in the safest possible environment throughout the construction duration.

The project manager is responsible for ensuring project compliance with the Mascaro HSE policy. The superintendent is responsible for field implementation of the SHSP. Assistance in implementation and clarification will come from the director of HSE. He will visit the job for regular inspections, or when the job requires his presence and expertise to assist our project team in their responsibilities.

Each subcontract that we issue contains the project specific SHSP, and each prime contractor on the job will be required to participate as well, because of our designation as the lead contractor. Each first-tier subcontractor will develop and submit a site specific SHSP for this project. The contents of each subcontractor's plan must meet or exceed those found in Mascaro's SHSP. In addition, every contractor on site must designate a competent person to handle all safety matters. A gap analysis checklist will be utilized to assure that the correct information has been included. Once the gap analysis has been completed, a subcontractor kickoff or pre-installation meeting will be scheduled.

We will take all the necessary precautions to prevent injury to the public and damage to property of others. A sampling of the precautions that we will take on this project and include in our SHSP includes:

- Maintain local and emergency access for students, faculty, facilities, and local residents at all times while restricting public access to construction operations
- Communicate clearly the work plan to all respective parties involved in the project
- Ensure that a "competent person" is on site whenever any work is being performed
- Develop JSAs for all major work activities to train and educate the work force on how to perform the activity safely
- Conduct orientation program for all workers and submission of proper documentation
- As required, enforce non-smoking policies for workers on the project
- Follow protocol for work permitting processes as required
- Proper and ample notification of utility shutdowns
- Air quality control, precautions and measures for necessary maintenance
- Noise and vibration considerations and limitations
- Keep the jobsite free from accumulations of waste materials or rubbish
- Erect and maintain safety barricades and signage as necessary
- Insure that employee personal and protective equipment (PPE) is maintained throughout the project

At Mascaro, we recognize employees who maintain the highest possible standards of safety in their day-to-day work activities. As a result, our incentive program does more than enforce OSHA/DOT/MSHA regulations; it changes attitudes and behaviors, maintaining a safety culture throughout our company.

Workforce Safety Training and Certification

Workforce safety training and certification is provided by various union apprenticeship programs, outsourced training providers, and the Mascaro on-site HSE manager or HSE director.

• **New Employee Orientation:**

Each new hire or transfer Mascaro/subcontractor employee must attend the Mascaro New Employee Orientation (NEO) and any client specific orientation. This site specific orientation will include:

- Protection of employees, the public, customers, and the environment.
- Review of the NEO Packet that includes the general safety rules, fitness for duty, safety responsibilities/speak up-listen up, stop work authority, and disciplinary action.
- Short service employee program.
- The emergency action plan will be reviewed along with incident reporting procedures.
- A summary of the JSA process and employee involvement.
- Reporting of HSE concerns.
- Project specific health and safety procedures are identified.
- Each employee will sign an employee acknowledgment form. This form will be kept on file for review.

• **Employee Training:**

The need for continuous health and safety education in hazard identification and prevention extends to all levels of employment from the front line supervisor down to the hourly employee. Mascaro has identified the following training processes:

- Mascaro Front Line Supervisor Training (8 hours)
- OSHA 30-Hour Class (superintendents and lead foreman)
- OSHA 10-Hour Class (foreman and project engineers)
- OSHA Regulation Specific Competent Person
- Trade Specific ongoing training requirements
- Weekly Safety Meetings
- Daily JSA Review Meetings
- First Aid/CPR Training

Mascaro provides project/hazard specific safety training applicable to assigned tasks, as well as annual training to review Mascaro’s safety policies. Being a union contractor, each tradesman brings minimum training and experience to the table. Our front line supervisors, working with the steward, identify competency and training needs and conduct field employee safety training.

Annual front line supervisor training is required for all foreman and superintendents. The class is conducted by senior management, the HSE department, and outside sources, and is made up of four two-hour segments covering the top four exposures created by our work. These include fall protection, rigging, excavations, and scaffolds. In addition, an OSHA regulatory update and new/revised Mascaro policy summary occur.

All Mascaro and subcontractor employees receive project specific training on Safety Data Sheet (SDS) requirements, location, and availability; specific instruction on each new task or phase of construction using a JSA to identify hazards unique to the job environment; and personal protective equipment (PPE) selection, use, and maintenance requirements. All training is documented and available for review.

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Incident Avoidance Programs

Zero Incidents is the corporate mindset. Our commitment to providing a safe and healthy workplace is supported by our experience modification rate for 2018 of 0.711 which is well below the industry average of 1.0. Identification of hazardous conditions may be accomplished at the planning and design stage through the use of DFW, JSAs, and pre-installation conferences with subcontractors; as a result of workplace inspections; or by employee reports and the use of employee Stop Work Authority. All recognized safety

and health hazards are eliminated or controlled as quickly as possible, subject to priorities based upon the degree of risk posed by the hazards. The preferred method of hazard abatement is through application of engineering controls or substitution of less hazardous processes or materials. Total reliance on personal protective equipment is acceptable only when all other methods are proven to be technically and/or economically infeasible. Elements of our incident avoidance program include:

- **Predictive Solutions Safety Net Observation Process:**

Mascaro will implement this process as an integral element to achieve its Zero Incident Culture for the construction of the this project. The project management team consisting of the superintendent, project manager and HSE manager will be the primary on-site observers collecting safe and at-risk observations of field operations. Ipad / Iphone devices will be utilized for collecting field observations. Safety observations will be documented by responsible subcontractors with immediate action plans implemented on-site to control observed exposures and commend our subcontractor business partners for safe behaviors.

- **Substance Abuse Policy and Testing Procedures:**

Mascaro and its subcontractors will implement a Drug Free Workplace Program. This program will meet the specifications outlined in the MBA Drug Free Workplace Policy. This program will include, at a minimum, pre-employment, periodic, post incident, for cause, and random.

- **Job Safety Analysis (JSA):**

The purpose of this planning tool is to identify risks and remove barriers from safely performing scheduled work for high risk critical tasks. Proper use of this tool will allow the team to identify potential injury risks, interruptions, potential interference to operations, and interfering simultaneous operations (SIMOPs) that could impact project execution. The intent is that this tool be used far enough ahead in the planning process so that work can be clearly organized, scheduled, and proceed efficiently.

- The completed JSA shall be used to train employees prior to initiating the task. It should be used by the supervisor to assure that safety planning has been completed, and that all necessary safety equipment is available in advance.
- The Job Safety Analysis (JSA) for each activity was reviewed and updated. Each operation is different and site specific/task specific JSAs were developed onsite.
- A JSA review meeting is held to review the specifics of each operation with the crew.
- The front-line supervisor is then charged with following up on the implementation of the JSA.

- In the event that the process needs to be revised, the JSA form provides for AM/PM updates, which are then reviewed with the crew.

- **Stop Work Authority:**

Stop Work Authority (SWA) establishes the “authority and obligation” of any individual to stop work when an unsafe condition or act could result in an undesirable event. The basic tenets of this procedure are:

- Stop – stop the activity in a safe manner
- Notify – notify a supervisor of condition or act
- Evaluate – evaluate for potential hazards
- Correct – correct deficiencies that can be completed on the spot immediately (such as incorrect PPE) “Significant” hazards may require additional planning, equipment, or subject matter expertise and cannot be resolved at field level.

- **Short Service Employee Policy:**

To ensure that short service employees are identified, appropriately supervised, trained, and managed to prevent incidents such as personal injury, injury to others, and environmental or property damages. A short service employee (SSE) is any Mascaro employee or subcontractor personnel working at any Mascaro construction jobsite with less than six month’s experience within a trade or in the required type of work/skill, or less than six month’s employment with their current employer. Short service employee personnel are required to wear a form of identification to recognize the new employees, designating them as an SSE. (HH Stickers)

Verification and Confirmation

Mascaro uses a number of lagging indicators to measure the safety performance of our project teams. Both Mascaro and subcontractor man-hours are tracked to enable us to generate incident rates for each employee as well as the project as a whole. Throughout the project Mascaro will perform scored quarterly project safety documentation audits to gauge the implementation of our SHSP. Inspections for physical hazards occur daily and are documented, reviewed, and submitted to the director of HSE. Results are provided to the project teams, vice president, and CEO for review, and are reviewed by Mascaro’s safety committee in order to develop new processes, training programs, best practices, and incentive programs when needed. Our current leading indicator is the Focus Four Inspection Process. The HSE Committee chose this policy alone to assure consistent inspections, build communication within each team, and provide a transparent summary of results.

SECTION

T-2D

quality control plan



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SECTION T-2D

Quality Control Plan

Describe implementation of Quality Control (QC) Plan; tracking and reporting; measures of software; punchlist and close-out procedures; assurance of subcontractor performance; tracking material certification, on-site testing, etc.

The cornerstone to achieving quality is “planning the work and working the plan. This ensures that all resources are accounted for and are available to perform the work in a safe, productive, and high quality manner. Prior to initiation of construction on the project site, the following processes allow the customer to “build with the best.”

Our team will identify the Definable Features of Work (DFW) for the project, which includes all of the major work activities that will occur as defined by the scope of work for the project. From this, we will develop a project specific quality control plan for the project. This plan will become ingrained in the project team, from the tradesmen to the executives to the administrators, and passed along to the subcontractors so that the entire project workforce understands that the quality of the product needs to meet the quality of service expected.

Tracking and Reporting Procedures

Mascaro will maintain a computerized log for all project files. Included in the filing system will be all correspondence, management reports, schedules, subcontracts, insurances, submittals, request for information (RFI's), permits, contract documents, addenda, change orders, field orders, issues, daily log books, and other documents. The systems typically used by Mascaro are Viewpoint for project management and accounting and Primavera for scheduling.

Change Management

We intend to provide a well-organized, coordinated change order effort within the guidelines delineated in our contract. Change orders requests will be initiated from requests for added work, changes made by the A/E team, RFI responses, differing site conditions, and any other additional cost item that is beyond our contractual obligations. Viewpoint will be used to log in and track change order requests. A printed copy of the change order log will be reviewed at each progress meeting or more often if needed. No additional work will be performed without authorization from the DGS.

RFIs | Shop Drawings | Submittals

All subcontractor and supplier RFIs, shop drawings, and submittals will be sent to Mascaro and tracked through Viewpoint. Mascaro requires all of its subcontractors and suppliers to provide a submittal schedule before they start processing any submittals. Critical submittals are then incorporated into the construction schedule to identify and approve fabrication and delivery time frames occurring before the work activity can commence on site.

Upon receipt of subcontractor and vendor submittals, Mascaro performs a thorough and coordinated compliance review, attaches the submittal routing form to insure proper monitoring of the submittal process, and forwards to the engineer-of-record for approval. When agreed upon by all parties, Mascaro utilizes Viewpoint for electronic transmittal of submittals such as product data and shop drawings.

These documents, along with the contract documents (drawings and specifications), are then housed in BlueBeam so Mascaro, our subcontractors, and suppliers have access to the current project information as well as the history of the project documents to work from. BlueBeam is also of benefit to the owner and end-users, as all of the project records including as-builts and O&M manuals are located in one central location for the useful life of the project.

Punchlist and Project Closeout Procedures

To assure a timely project closeout, the punchlist is developed at the beginning of the project. Then, throughout the course of the work, Mascaro conducts an ongoing punchlist. The punchlist is a result of the three-phase inspection system incorporated on our projects. Through pre-installation conferences, initial inspection, and follow-up inspections, the punchlist is kept to a minimum during construction. The punchlist becomes part of the QC documentation and includes the date by which the corrections are to be completed. The punch list and notifications will be in the form of the rework items list and discrepancy reports. Copies of the punchlist and notifications will be distributed to the relevant subcontractors, suppliers, foremen, and the project manager. Once all punchlist items have been corrected, Mascaro will notify the DGS that the facility is ready for the pre-final inspection, and Mascaro will initiate and make the recommendation to the design professional to issue the certificate of substantial completion.

Mascaro will see that all closeout documents are in order prior to recommending the release of final payment. This includes verifying that all systems have been installed properly and have been tested to assure that they are operating correctly prior to approving final payment to responsible subcontractors. As part of the filing system and the closeout procedures implemented, Mascaro will ensure that all operation and maintenance manuals are cataloged and transmitted to the owner / using agency, and that training classes for the using agency are scheduled.

Subcontractor Performance and Payment

Mascaro's staff will constantly monitor and manage the performance of subcontractors on this project. They will notify the appropriate parties of any detected noncompliance with the contract specifications, plans, or performance requirements. All parties will, after receipt of such notice, have no more than 72 hours to take corrective action unless it is deemed as potentially harmful to others, and then it must be corrected immediately. If no corrective action is taken, Mascaro will fix the situation and issue a deduct change order to the company to cover the necessary costs to correct the work.

Mascaro will review the monthly partial payment requests from all the subcontractors, and ultimately submit an invoice to the DGS for approval. Historically, Mascaro has paid their subcontractors and suppliers in a timely manner and we feel it is reflected in the pricing that we receive. To assure timely payment of subcontractors, Mascaro typically distributes subcontractor payments within three to five days after we receive payment from the owner. We address the payment terms of the project as well as incorporate the Pennsylvania Prompt Payment Act into each our subcontract agreements.

Tracking Material Certifications and Testing

The project engineer maintains records of material certifications, quality control activities, and tests performed, including the work of subcontractors and suppliers. A material certification log is developed upon award of contract by thorough review of each specification section, and the dates the certifications are required are tied to the Submittal Schedule. The material certifications are submitted prior to materials being incorporated into the work and prior to payment requests. Quality control records will be on an acceptable form which is developed specifically for this project as part of the Quality Control Plan. These records will include factual evidence that the required quality control activities and/or tests have been performed.

These records will indicate a description of trades working on the project, the number of personnel working, and weather conditions encountered. These records will cover both conforming and deficient features and will include a statement that equipment and materials incorporated in the work and workmanship comply with the contract.

Coordination and Risk Management

It has been Mascaro's experience that most problems on a construction project result from misunderstandings, and that effective communication is the primary means of successful problem resolution. By establishing lines of communication through the partnering process, implementing a dynamic RFI process, and meeting on a regular basis, most, if not all, issues will be resolved in the field.

There may come an occasion when this is not enough to settle a problem especially on a project with multiple prime contractors. On past projects, Mascaro has implemented a dispute resolution process that establishes the hierarchy for dispute management. We suggest the following procedure to secure an amicable resolution.

1. Mascaro will work to resolve all conflicts at the lowest possible level.
2. If this meeting does not produce results, we will go to the next level and involve the principles for the various team members to resolve the matter.
3. In the event that this is insufficient, we would recommend having the dispute reviewed in front of an impartial third party.
4. If the above three steps cannot resolve this matter, then the parties involved will follow the procedures and steps outlined in the DGS' General Conditions, Article 17 – Disputes.

We have found this process described in steps 1 to 3 above to be extremely effective in managing misunderstandings and disputes as long as the parties involved in the project agree to participate in this process. The key to making this process work is the quick response to outstanding items and having all the invested parties agree to this procedure. By resolving issues at a reasonable pace, team members embrace the process, resulting in a successful project.

SECTION

T-3A

staffing resources



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**SECTION
T-3A**

Staffing Resources

Identify the approximate number of craft workers needed for each craft or trade and identify the sources or hiring procedures that will be used to deploy such workers. Address reliability of identified labor supply sources to demonstrate how they will be sufficient to recruit and deploy adequate numbers of property trained, skilled craft persons in a timely manner.

Relative to the general construction contract, Mascaro has identified the following major divisions of work that will be critical to this project and the approximate crew size required for each craft or trade.

Work Scope	Estimated Crew Size	Work Scope	Estimated Crew Size
Remediation	4	Caulking	3
Earthwork / Site Utilities	8	Roofing	8
Concrete Sitework	6	Doors / Frames / Hardware	6
Asphalt Paving	6	Specialty Doors	4
Landscaping / Fencing	6	Glazing / Curtainwall	8
Rebar / Cast-in-Place Concrete	35	Drywall and Acoustical	16
Masonry	18	Ceramic Tile	6
Structural Steel	4	Resilient / Carpet / Wood / Resinous Flooring	8
Miscellaneous Metals	4	Painting	6
Solar Shade	8	Specialty Items - Division 10	8
Rough Carpentry	6	Mobile Storage Shelving	6
Finished Carpentry	8	Equipment Items - Division 11	12
Waterproofing	4	Window Treatments	4
Insulation / Vapor Barrier	4	Entrance Mats	2
Metal Panels	6	Elevators	4
Fireproofing / Firestopping	3		

Mascaro anticipates that the majority of craftsmen for these trades will be provided by the union halls and/or be employed by the subcontractors performing the work. Most of the specialty trade work is manageable in size for the subcontractors who do this work; therefore, we do not anticipate an issue with manpower. The duration of the project will also have a positive effect on the availability of manpower since the time frame allotted will provide ample time for everyone involved to properly plan and prepare. Mascaro will involve subcontractors in project meetings long before they are needed on site. This will allow subs enough time to plan and prepare for the work in advance.

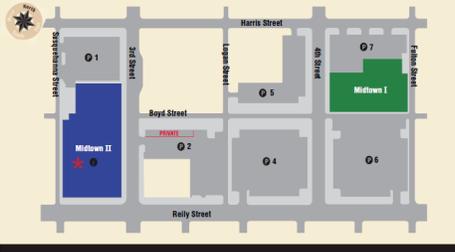
You're Invited....

Outreach for Small Diverse Business & Small Business

Join us to meet with Mascaro's project team and learn more about the upcoming

Phase 1 New Construction State Archives & Record Center Annex.

When: June 25, 2019; 1:00 - 3:00 PM
Where: Midtown II*, 1500 N. 3rd Street, Harrisburg, PA 17102



CAMPUS DIRECTORY

Midtown I Classrooms/Labs Campus Security Trade and Technology Programs Workforce Development	Midtown II Admissions Advising Campus Security Career Services Classrooms/Labs Financial Aid Food Services Library Registration Trade and Technology programs Tutoring	Parking Lot 1 - Faculty and Staff Lot Lot 2 - Faculty, Staff and Visitors Lot Lot 4 - Student Lot Lot 5 - Student Lot Lot 6 - Student Lot Lot 7 - Faculty and Staff Lot
Information		

Mascaro held two outreach events specifically for this project on June 25 and July 23 in Harrisburg. The attached invitations were sent to roughly 5,600 subcontractors either directly by Mascaro or by one of the organizations below:

- DGS Approved Vendors
- DGS certifications by approved third-party vendors:
 - SBA - PA all surrounding states
 - Vet Biz
 - Chambers - including African American, LGBT
 - National Minority Supplier (NMSDC)
 - Pennsylvania Unified Certification Program (PA UCP)
- DBE Supportive Services Center (Cynthia Moultrie)
- Procurement Technical Assistance Centers (PTACS)
- Diversity Business Resource Center (DBRC)
- Small Business Development Center
- List of all iSqFt subcontractors / vendors from Harrisburg
- Trade Unions

Mascaro maintains excellent relationships with labor unions, subcontractors and suppliers in the local markets in which we work. Our current work on the Harrisburg U.S. Courthouse project has reinforced subcontractor and vendor relationships and our understanding about their manpower and workload projections.

Based on this established relationship with the subcontractors and suppliers, our experience in the surrounding area, and our ability to self-perform, we are very confident in our ability and that of our subcontractors to provide the necessary skilled workers for this project.

You're Invited....

Small Business & Small Diverse Business meet & greet

Join us to meet with Mascaro's project team and learn more about the upcoming project:

Phase 1 New Construction State Archives & Record Center Annex.

When: Tuesday, July 23, 2019; 4:00 - 7:00 PM
Where: Hilton Harrisburg
 1 N 2nd Street
 Harrisburg, PA 17101

Food and beverages will be provided.



SECTION
T-3B

skill training



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Describe participation and investment in skill training programs, the number of hours required including descriptions of the program(s) participated in by its personnel. Describe the extent of its skill labor testing, certifications and licenses.

Mascaro is engaged in an ongoing process for planning, implementing, and improving in-house training programs for all supervisors.

Supervisor Training

New supervisors automatically go through Mascaro's mandatory orientation program, and specific training programs on new worker orientation, safe work practices, OSHA and corporate safety and health regulations, toolbox meetings, crisis management and emergency procedures, ethics, first aid and CPR training, incident investigation, accident prevention, and specialized safety and health training programs for supervisors.

Mascaro conducts pre-project kick-off meetings, pre-task planning sessions, daily safety huddles, and specific training of personnel prior to and during construction, as needed. In addition, Mascaro continuously provides for technical computer skill training of the software programs that our management team members use. All of this training is usually done throughout the year, and employees are given several opportunities to participate in these programs. In total, Mascaro requires about 60 to 80 hours of training for its superintendents and management. Mascaro also conducts quarterly meetings for superintendents and supervisors to supplement the company's ongoing efforts for improvement.

Mascaro actively supports industry-sponsored training programs and conducts specific training of personnel prior to and during construction, as needed. Mascaro employees also obtain industry- or owner-required training, certifications, and licenses, as needed.

Work Force Training

Our field forces participate in skill training and apprenticeship programs registered with the U.S. and Pennsylvania Departments of Labor, Bureau of Apprenticeship and Training sponsored by the Master Builders' Association of Western Pennsylvania, the Central Pennsylvania Partnership Program (Harrisburg area), and other similar programs offered by construction trade union organizations in the areas we work. Because of self-performing capabilities, there is usually the need for a competent person to be working with the crews performing specific tasks.

The unions we are signatory with provide the following training certifications: scaffolding, excavation, confined space, contaminated material, rigging, boom and man lift, and crane inspection. In addition to training specific people, Mascaro utilizes apprentices on our projects. *When applicable, Mascaro's project sites work with the ratio of five tradesmen to one apprentice.*

Employee training, instruction, and indoctrination policies include:

- New Employee Orientation
- Daily Huddle Safety Meetings
- Scheduled Weekly Safety Meetings
- Employee Health and Safety Training
- Retraining
- Hazard Communication and GHS

Job Specific Training

In addition to new hire training, Mascaro provides specific safety training applicable to assigned tasks, as well as annual training to review Mascaro's safety policies. The following activities require specialized HSSE training:

- Excavations – Superintendent will hold a current Competent Person Certification.
- Fall Protection – Superintendent and HSE manager must be competent in the conventional/personal fall protection systems.
- Rigging – Qualified riggers with certification cards will be required.
- Crane Operators - Must have current NCCO and state certifications.
- Confined Space – Our policy and training requirements comply with OSHA 1926.1200.

Hazard Training

All Mascaro and subcontractor employees receive project specific training on Safety Data Sheet (SDS) requirements, location and availability; specific instruction on each new task or phase of construction using a Job Safety/Hazard Analysis (JSA) to identify hazards unique to the job environment; personal protective equipment (PPE) selection, use and maintenance requirements. All training is documented and available for review.

When employees encounter or use hazardous substances as part of construction, all workers are required to attend documented initial and annual refresher training on the Hazard Communication Standard Safety Data Sheets (SDS), which will be posted for all hazardous materials introduced for use on the project site. Craft foremen will train employees on the SDS and how to work safety with hazardous chemicals.

Required Certifications

Mascaro's front-line superintendents and foremen are required to complete the following training classes:

- OSHA 10-Hour (foreman and project engineers) and OSHA 30-Hour (superintendent and lead foreman)
- First Aid / CPR / AED operation (Mascaro project team members)
- Competent Person/Qualified Person: fall protection, rigging, excavations, scaffolds
- An in-house communication class entitled The Feedback Workshop
- Mascaro Annual Front Line Supervisor training (8 hours)
- Alpha Dog Leadership Training – Training developed for leadership skills for the construction industry, based upon Mark Breslin's book, Alpha Dog.

Each of our HSSE trainers has a four year degree in Safety, the 30-Hour OSHA Outreach Training Certification, as well as additional regulation-specific certifications of training. Those in need of additional training attend the AGC Safety Leadership Courses, part of AGC's six-course Supervisory Training Program (STP, 120 hours).

Leadership Training

Twice a year, all supervisors receive leadership training as a component of our Superintendents Conference. This training is conducted by senior management, the HSE department, and outside sources.

Mascaro is a union general contractor. As a result of our history to self-perform work in a variety of trades, we have developed a strong partnership with each union. Members of our management team sit on the labor negotiating committees of our four trades. In addition, most of our management team has attended AGC Supervisory Training through Master Builders Association of Western Pennsylvania (MBA) or Constructors Association of Western Pennsylvania (CAWP). Our director of health, safety, and environmental sits on the AGC National Safety Committee, as well as being a member of both the MBA and CAWP safety committees locally.

SECTION
T-3C

workforce safety

Identify the employee workforce safety training programs and/or safety certification programs; types of training or certification programs (e.g., OSHA-10 hour, OSHA 40-hour programs), the duration of the programs and the organizations that provide the safety training and/or certification; any incident or accident avoidance programs to promote jobsite, worker and public safety; and verification of this information and confirm that any identified programs shall be used in performance of the Project work.

As a matter of corporate policy, Mascaro institutes a project specific safety program on all of its projects and requires that our subcontractors adhere to the program's requirements. Our director of safety, Rick Bowers, visits the site on a regular basis to ensure that the program is being implemented by Mascaro and its subcontractors.

Mascaro participates in numerous training programs sponsored by local contractor associations and safety organizations such as the Master Builders' Association of Western Pennsylvania and the Keystone Contractors Association. In addition, Mascaro provides monthly in-house training seminars on safety, OSHA 10-hour, CPR, First Aid, human resource issues, and other topics that are of interest to employees to improve safety, productivity, and quality performance. All new hires receive orientation training and project-specific training based on the type of work performed, i.e. confined space, fall protection, etc.

The need for education in accident prevention extends to all levels of employment from supervision down to the hourly craft workers. It is of particular importance at the craft level because that is where most of the exposure exists and where most of the accidents occur. Mascaro's initial safety orientation is outlined below.

Orientation Safety Training

Mascaro conducts new employee orientation to ensure that every newly assigned Mascaro employee is oriented and aware of the hazards on the project and the scope of work to be performed. All Mascaro employees will receive orientation training to ensure their familiarity with the hazards associated with site operations and administration of Mascaro's project-specific safety programs. Orientation training is initiated on the first day of employment and completed within the first week of employment.

Topics covered in the training include:

- Client's Site / Project Safety Program
- Mascaro's Site Specific Safety Program
- Identification of Competent Persons
- Project Alcohol and Substance Abuse Program
- Accident / Incident Reporting Procedures
- Project Safety Incentive Programs
- Mascaro's Employee Disciplinary Procedures
- Description of Project Activities and the Hazards Associated with those
 - Operations
 - Proper Use and Maintenance of Personal Protective Equipment
 - Task Specific Hazard Training
 - Emergency Response Plan
 - Mascaro's Hazard Communication Program

Project Manager Ed Swiatek and Superintendent Mark Belmar are responsible for establishing the new employee orientation program and for conducting and documenting orientation training using the project-specific safety manual training checklists and employee signature sheets.

Each subcontractor should provide the appropriate training to each of their employees, lower tier subcontractor employees, and vendors. This training shall be documented by date and individual signatures and kept on-site for review upon request. Mascaro will enforce all certifications and will conduct audits on certifications and training throughout the project to insure that all individuals stay current with their respective certifications.

In addition to the new hire orientation training, safety training is required and provided for the following specific tasks applicable to the project:

- Fire Safety
- Fall Protection
- Ladder Safety
- Scaffolding
- Electrical Safety
- Machine and Tool Guards
- Material Handling
- Hazard Communication: Specific hazards for work area chemicals
- Excavations
- Confined Space

- Lockout / Tagout
- Respiratory Protection
- Powered Industrial Trucks

Training Resources

Mascaro has the ability to conduct the required training / certification through our Director of Safety Rick Bowers, who is an OSHA 500 Certified Outreach Trainer. Additionally, we can provide the necessary resources for individuals to obtain the training or certification from a qualified third party source including Red Vector, which is an online certification program. For the task specific safety training items previously mentioned, Mascaro has individuals currently on staff who are already trained and/or certified.

Incident/Accident Avoidance Programs

Pre-Installation Conference

Prior to starting a new construction activity, our team will pre-plan the activity along with the subcontractors involved in the work. The plan will break down the overall activity into individual tasks, which will be analyzed for potential hazards. Next our team will develop action lists and then implement the necessary precautions to eliminate the potential hazards.

Job Safety / Hazard Analysis (JSA)

A JSA will be developed for each major task during the project and continuously reviewed and updated as required. The purpose is to evaluate the task, identify the sources of hazards, and assign control measures for each hazard. The completed JSA shall be used to train employees prior to initiating the task. It should be used by the supervisor to assure that safety planning has been completed, and that all necessary safety equipment is available in advance.

A JSA will be developed by the subcontractor for every task involving new parameters not experienced in previous project operations or where a new work crew or subcontractor is to perform work. The analysis must identify and evaluate hazards and outline the proposed methods and techniques for the safe completion of each phase of work. At a minimum, it defines activity being performed, sequence of work, specific safety and health hazards anticipated, control measure (to include personal protective equipment) to eliminate or reduce each hazard to acceptable levels, equipment to be used, inspection requirements, training requirements, and the competent person in charge of that phase of work.

Daily Huddle Safety Meetings

At the beginning of each shift, a qualified person shall conduct a “daily huddle” safety meeting detailing specific hazards of the work to be performed and safety precautions and procedures for each task to be performed during that workday. Topics of discussion include the JSA, specific safety items relevant to the day’s work activities, a review of material safety data sheets (MSDS) for new chemicals introduced into the work environment, new hazards that have been recognized by management or employees, and a review of historical incident data or near miss information relevant to the day’s activities. These meetings provide an open forum for employees to note safety conditions that need attention.

Hazard Communication

Employees who may encounter hazardous substances used by site workers as part of construction activities will be subject to the requirements of the Mascaro’s hazard communication “Right to Know.” All workers will be required to attend documented initial and annual refresher training on the hazard communication standard. MSDS will be obtained for all hazardous materials introduced for use on site.

A copy of each MSDS shall be available on the site. Each subcontractor will be required to supply a site-specific chemical inventory list and corresponding MSDS’s prior to start of work. The list will be updated as necessary throughout the project. Copies of all subcontractor MSDS’s will be kept at the Mascaro field office and available for review by the superintendent.

Drug Free Workplace

Mascaro and its subcontractors will be required to implement a drug testing program that includes, at a minimum, pre-employment, periodic, post incident, for cause, and random testing. Subcontractors will be required to comply with the Mascaro Drug and Alcohol Abuse Program.

We reward employees who maintain the highest possible standards of safety in performing day-to-day work activities. Our incentive program, which is based on man-hours worked safely, does more than enforce OSHA regulations; it changes attitudes and behaviors, maintaining a safety culture throughout our company.

Mascaro Advantage

Why do we exist?
We deliver great experiences

How will we behave?
Humble, hungry, and smart
Provide a family atmosphere
Do the right thing
Outwork the competition



mascaro
... build with the best

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