528-375 Summary of Qualifications

Please note that this resource was generated to assist potential bidders identify qualifications, certifications, and experience requirements that apply to this project. The list is not 100% inclusive of all requirements. Potential bidders are strongly advised to closely review all contract documents to fully understand expectations. Please reach out to VA contracting via RFI with any questions or requests for clarifications.

General Qualifications Required:

- Precaster must be PCI certified.

- Contractor preparation of as-built drawings must be performed by qualified individuals possessing the knowledge and experience to properly document conditions. It is expected that project site superintendents, engineers, architects, surveyors and CAD draft persons will contribute to creation of the as-built documents.

Qualification requirements outlined in the project specifications:

- 01 00 00 part 1.12 and 1.13: Contractor provided professional surveying services must be a New York State professional land surveyor or New York State licensed professional engineer; and be independent / third party. Also refer to 02 21 13.

- 01 00 00 part 1.20: Contractor shall supply the services of a ASME accredited certified elevator safety inspector.

- 01 00 00 part 1.31: Contractor shall supply services of a commercial photographer meeting requirements specified in the specifications. *In addition to this service the VA is requesting a minimum of two (2) time lapse cameras to take intervaled photos of the ramp expansion project from ground breaking through substantial completion. Location and placement of the cameras will be at the direction of the VA. All electronic time lapse files shall be turned over to the VA.

- 01 32 16.15 parts 1.2 and 1.3: If an outside scheduling consultant is utilized the contractor shall submit a qualification proposal to the project COR.

- 01 35 26 all parts: Site specific safety requirements and qualifications.

- 01 45 00 part 3.4: CQC system manager qualifications – required to be a graduate engineer, architect or construction manager with PM or SRE.

- 01 45 00 part 3.4: CQC personnel qualifications requirements – refer to experience matrix provided in the specification.

- 01 45 29 part 1.3: Construction materials testing laboratories must be accredited by a laboratory accreditation authority and will be required to submit a copy of the Certificate of Accreditation and Scope of Accreditation.

- 01 45 35 part 1.4.E and 1.4.N: Special inspectors of record – independent third party hired by the prime contractor.

- 01 91 00 part 3.9.D and 3.9.H: Facilitator, Instructor and Photographer qualifications for operations and maintenance training requirements.

- 02 41 00 part 1.4: Demolition contractor must have a minimum of 5 years experience on comparable projects.

- 03 30 00 part 1.4 requires: Testing agency maintaining active participation in Program of Cement and Concrete Reference Laboratory (CCRL) of National Institute of Standards and Technology. Accompany request for approval of testing agency with a copy of Report of Latest Inspection of Laboratory Facilities by CCRL.

- 03 30 00 part 1.7.B.1 requires: Concrete Formwork System Design Engineer ("System Design Engineer"): Employ a structural engineer, specializing in design of similar installations and currently licensed to practice in the State where the Work is located, to perform design and prepare a Design Submittal per the requirements of this Section.
    a. Design Submittal must be signed and sealed by the System Design Engineer and submitted per the requirements of this Section.

- 03 30 00 part H requires: qualifications and certifications for testing agencies and staff, manufacturer certifications for materials listed in this section.

- 03 30 00 part 1.9.B – Qualifications – this section lists multiple qualification, experience and certification requirements for engineers, suppliers, contractors, fabricators and welders.

- 03 41 33 part 1.4 - SPCS Design Engineer: Employ a Professional engineer, specializing in design of similar installations and currently licensed to practice in the State where the Work is located, to perform design and prepare a Design Submittal per the requirements of this Section. Under part 1.5 - Engineer must have a minimum of five (5) years of experience in designing Precast Concrete Parking Structures. Manufacturer ("Precaster" or "Fabricator") Firm having five (5) years successful experience that demonstrates capability, subject to approval by the COR. The precast concrete manufacturing plant(s) must be certified under the Prestressed Concrete Institute (PCI) Certified Plant Program. The manufacturer must be certified at the time of bidding.

- 03 41 33 part 1.5.3: Qualify welding processes and welding operators in accordance with applicable AWS standard(s). Provide welding certificates indicating the operators to be

employed in the work have satisfactorily passed AWS qualification tests within the previous six (6) months.

- 03 41 33 part 1.5.4: Erector: Firm having five (5) years successful experience in the erection of precast concrete units similar to units required for this project. Submit proof of current erection certification certified for complex structural systems. The erector must be qualified by the Prestressed Concrete Institute (PCI). The erector must be qualified at the time of bidding.

- 03 64 33 part 1.2: The Contractor must have a minimum of three years of experience performing work similar to that shown in the drawings and specifications. The Contractor must submit a list of five projects in which similar work to that specified was successfully completed. A full-time on-site supervisor must be provided by the Contractor for the entire duration of the chemical grouting work. The supervisor must have had a minimum of 2 years of documented supervisory experience with the products to be used. If the supervisor does not have that experience, the supplier or manufacturer of the materials must provide a full-time qualified, certified by the manufacturer, field inspector on jobsite during the entire period of material application. The Installation Contractor must submit with his bid to the Architect a proof of obtaining licenses or permits as required.

- 05 05 19 part 1.2.C: When design of an anchorage is noted in the Contract Drawings to be provided by others, it includes, not by way of limitation, the selection of anchors, their dimensional and installation parameters and cluster geometry by the Contractor's professional engineer licensed in the State where the Work is to be performed.

- 05 12 00 part 1.4: Comprehensive engineering analysis by a qualified Delegated Design Engineer, using performance requirements and design criteria indicated and in compliance with the design intent, criteria, and requirements as indicated in the Contract Documents and all governing Codes.
  Delegated Design Engineer: Employ a professional engineer, specializing in design of similar installations and currently licensed to practice in the State where the Work is located, to perform design and prepare a Design Submittal per the requirements of this Section.

- 05 12 00 part 1.5.D: Welding Personnel (Operators): Provide welding certificates indicating the operators to be employed in the work have satisfactorily passed AWS qualification tests within the previous six (6) months. If certificates are older than six (6) months, employer of operator must certify, in writing, that operator is in compliance with applicable AWS provisions pertaining to certification validity.

- 05 12 00 part 3.6.B: Engage Professional Land Surveyor or Registered Civil Engineer as specified in Section 01 00 00, GENERAL REQUIREMENTS to supervise surveys during erection as follows (refer to specifications for complete requirements).

- 05 50 00 part 1.4.B.1, 1.5D, : Delegated Design Engineer: Employ a Professional Engineer, specializing in design of similar installations and currently licensed to practice in the State where the Work is located, to perform design and prepare a Design Submittal per the requirements of this Section.

- 05 70 10 part 1.4.A: Single subcontract responsibility: Subcontract the work to a single firm that has had not less than six years' experience in the design and manufacturing of work similar to that shown and required.

- 05 70 10 part 1.4.C: Professional Engineer Requirements: Drawings and structural calculations to be signed and sealed by a professional engineer licensed to practice in the state where the project is located.

- 06 10 00 part 1.5: Installer: A firm with a minimum of three (3) years' experience in the type of work required by this section.

- 07 18 16 part 1.1.B.3: Providing the services of a qualified technical representative to provide manufacturer representation on site to ensure installation quality.

- 07 18 13 part 1.5.G: Qualification Data: For firms and/or persons specified in theQUALITY ASSURANCE Article of this Sectio n; data must demonstrate their capabilities and experience. Include list of completed projects.

- 07 18 13 part 1.6.D: Installer: Waterproofing installer (applicator) must demonstrate qualifications to perform the work of this Section by submitting thefollowing documentation:
  a. Certification or licensing by the waterproofing manufacturer as an applicator of the product to be used in order to provide a warranty as described this Section.
  b. List of at least five (5) projects (with reference names and phone numbers) satisfactorily completed under the current company name within the last three (3) years, of similar scope and complexity to this project. Previous experience submittal must correspond to specific membrane system proposed for use by applicator.
  c. A minimum of five (5) years in business under the same name.

- 07 18 13 part 3.6.A: Manufacturer's Field Services: A qualified technical representative of the manufac turer must inspect the surfaces and job conditions beforeand during installation to assure that surfaces and conditions are adequate and that the materials and installation is proper. Certification must be sent to the General Contractor, Architect and Owner.

- 07 19 11 part 1.3.C.2: Installer (Applicator): Sealers must be installed by a Contractor who has a minimum of three (3) years' experience using the specified product.

- 07 19 11 part 3.6: Please review entire section to understand all requirements of a qualified technical representative of the manufacturer.

- 07 19 33 part 1.1.B.4: Providing the services of a qualified technical representative] to provide manufacturer representation on site to ensure installation quality. Also refer to 07 19 33 part 3.6.

- 07 19 33 part 1.3.A: Provide sealer materials, with a proven record of performance, from one source which are products of one manufacturer.
  a. Qualification Data to Include list of no less than five (5) projects, similar to this Project, where the proposed sealer system has demonstrated satisfactory in-service performance.

- 07 19 33 part 1.3.C: C. Qualifications
  1. Manufacturer: Manufacturer must be capable of providing field
  service representation during construction, approving an acceptable installer, and recommending appropriate installation methods.
  2. Installer (Applicator): Sealers must be installed by a Contractor
  who has a minimum of three (3) years' experience using the specified product.

- 07 53 23 part 1.6: Please review entire section to understand all requirements of a qualified installer and manufacturer field representative.

- 07 92 00 part 1.3: Installer Qualifications: An experienced installer with a minimum of three (3) years' experience and who has specialized in installing joint sealants similar in material, design, and extent to those indicated for this Project and whose work has resulted in joint-sealant installations with a record of successful in-service performance. Submit qualification.

- 07 95 13 part 1.7.D: Installer Qualifications:
  1. Regularly installs specified products.
  2. Installed specified products with satisfactory service on five similar installations for minimum five years.
  a. Project Experience List: Provide contact names and addresses for completed projects.
  b. The install ler must be approved by the Manufacturer in writing oncompany letterhead. Attach this letter to warranty. The Installer must be certified at the time of bidding.

- 08 41 13 part 1.5.H and 1.5.I: Qualifications: Substantiate qualifications comply with specifications.
  1. Manufacturer with project experience list.
  2. Installer with project experience list.
  Welders and welding procedures.
  Delegated Design Drawings and Calculations: Signed and sealed by responsible design professional.
  1. Show location and magnitude of loads applied to building structural frame.

2. Identify deviations from details shown on drawings.

- 08 41 13 Part 1.6., .B and .C: Manufacturer Qualifications:
  1. Regularly manufactures specified products.
  2. Manufactured specified products with satisfactory service on five similar installations for minimum five years.

  Project Experience List: Provide contact names and addresses for completed projects.

  Installer Qualifications: Manufacturer authorized representative.

  1. Regularly installs specified products.

  2. Installed specified products with satisfactory service on five similar installations for minimum five years.

  Project Experience List: Provide contact names and addresses for completed projects.

  Welders and Welding Procedures Qualifications: AWS D1.2/D1.2M.

- 08 44 13 part 1.3.A: Please review entire section to understand manufacturers qualifications, installer qualifications, field representation, welder qualifications and testing laboratory qualifications.

- 08 71 13 part 1.5.A and .B: A. Manufacturer's Qualifications:
  1. Regularly manufactures specified products.
  2. Manufactured specified products with satisfactory service on five similar installations for minimum five years.
  a. Provide contact names and addresses for completed projects when requested by Contracting Officer's Representative.
  B. Installer's Qualifications: Experienced installer, approved by the manufacturer.

- 09 91 00 part 1.5: Qualification of Painters: Use only qualified journeyman painters for the mixing and application of paint on exposed surfaces. Submit evidence that key personnel have successfully performed surface preparation and application of coating on a minimum of three (3) similar projects within the past three (3) years.

- 10 14 00 part 1.3: A. Manufacturer's Qualifications: Provide signage, that is the product of one manufacturer, who has provided signage as specified for a minimum of three (3) years. Submit manufacturer's qualifications.
  B. Installer's Qualifications: Minimum three (3) years' experience in the installation of signage of the type as specified in this Section. Submit installer's qualifications.

- 10 73 00 part 1.4: Single subcontract responsibility: Subcontract the work to a single firm that has had not less than ten years' experience in the design and manufacturing of work

similar to that shown and required. For quality and delivery control, awnings must be purchased from a single source.

- 14 21 00 part 1.5: A. Manufacturer: Minimum of fifteen years' experience in the fabrication, installation and service of elevators of the type and performance of the specified. The manufacturer shall have a documented quality assurance program.
  B. Installer: The equipment manufacturer shall install the elevator.
  C. Inspection and Testing: In accordance with requirements of local jurisdiction, obtain required permits, inspections and tests.

- 21 12 00 part 1.4: Submit as one package in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES. Prepare detailed working drawings that are signed by a NICET Level III or Level IV Sprinkler Technician or stamped by a Registered Professional Engineer licensed in the field of Fire Protection Engineering.
  a. Provide a copy of the installing contractors fire sprinkler contractor's license.
  b. Provide a copy of the NICET certification for the NICET Level III or Level IV Sprinkler Technician who prepared and signed the detailed working drawings unless the drawings are stamped by a Registered Professional Engineer licensed in the field of Fire Protection Engineering.
  c. Provide documentation showing that the installer has been actively and successfully engaged in the installation of commercial automatic sprinkler systems for the past ten years.

- 22 05 11 part 1.5.E.4: Installer shall be licensed and shall provide evidence of the successful completion of at least five projects of equal or greater size and complexity. Provide tradesmen skilled in the appropriate trade.

- 23 05 93 part 1.3.B: The TAB agency shall be either a certified member of AABC, NEEB, TABB or NEBB to perform TAB service for HVAC, water balancing and vibrations and sound testing of equipment. The certification shall be maintained for the entire duration of duties specified herein. TAB Specialist: The TAB specialist shall be either a member of AABC or TABB or an experienced technician of the Agency certified by NEBB. The certification shall be maintained for the entire duration of duties specified herein. All TAB technicians performing actual TAB work shall be experienced and must have done satisfactory work on a minimum of 3 projects comparable in size and complexity to this project. Qualifications must be certified by the TAB agency in writing. The lead technician shall be certified by AABC, TABB or NEBB.

- 23 09 23 part 1.4: The controls subcontractor shall provide a list of no less than five similar projects which have building control systems as specified in this Section. The controls subcontractor shall have minimum of three years of experience in design and installation of building automation systems similar in performance to those specified in this Section.

- 27 05 11 part 1.7.F: Installer Qualifications: Submit three installations of similar size and complexity furnished and installed by installer; include:
  1. Installation location and name.
  2. Owner's name and contact information including address, telephone, and email.
  3. Date of project start and date of final acceptance.
  4. System project number.
  5. Three paragraph description of each system related to this project; include function, operation, and installation.
- 28 05 00 part 1.4.C: The Contractor or security sub-contractor shall be a licensed security Contractor with a minimum of five (5) years experience installing and servicing systems of similar scope and complexity. The Contractor shall be an authorized regional representative of the Security Management System's (PACS) manufacturer. Refer to project specifications for complete listing of requirements.
  2. The Contractor shall provide proof project superintendent with BICSI Certified Commercial Installer Level 1, Level 2, or Technician to provide oversight of the project.
  3. Cable installer must have on staff a Registered Communication Distribution Designer (RCDD) certified by Building Industry Consulting Service International.

- 28 13 00 part 1.3.F: The Contractor or security sub-contractor shall be a licensed security Contractor with a minimum of five (5) years experience installing and servicing systems of similar scope and complexity. The Contractor shall be an authorized regional representative of the Security Management System's (PACS) manufacturer. Refer to project specifications for a complete listing of qualification requirements.
  a. The Contractor shall provide proof project superintendent with BICSI Certified Commercial Installer Level 1, Level 2, or Technician to provide oversight of the project.
  b. Cable installer must have on staff a Registered Communication Distribution Designer (RCDD) certified by Building Industry Consulting Service International.

- 28 23 00 part 1.4.F: The Contractor or security sub-contractor shall be a licensed security Contractor with a minimum of five (5) years experience installing and servicing systems of similar scope and complexity. The Contractor shall be an authorized regional representative of the Video Assessment and Surveillance System's (VASS) manufacturer. Refer to project specifications for complete listing of requirements.
  2. The Contractor shall provide proof project superintendent with BICSI Certified Commercial Installer Level 1, Level 2, or Technician to provide oversight of the project.
  3. Cable installer must have on staff a Registered Communication Distribution Designer (RCDD) certified by Building Industry Consulting Service International.

- 28 31 00 part 1.4.D: Together with the shop drawing submittal, submit the technician's NICET level III fire alarm certification as well as certification from the control unit manufacturer that the proposed performer of contract maintenance is an authorized representative of the major equipment manufacturer. Include in the certification the names and addresses of the proposed supervisor of installation and the proposed performer of

contract maintenance. Also include the name and title of the manufacturer's representative who makes the certification.

- 31 20 00 part 3.2.5: The Contractor is required to hire a Professional Geotechnical Engineer to provide inspection of excavations and soil/groundwater conditions throughout construction. Please refer to the project specifications for a complete listing of requirements.

- 32 05 23 part 1.6: Installer Qualifications:
  1. Regularly installs specified products.
  2. Installed specified products with satisfactory service on five similar installations.
  a. Project Experience List: Provide contact names and addresses for completed projects.

- 32 17 23 part 1.5: Installer Qualifications:
  1. Regularly installs specified products.
  2. Installed specified products with satisfactory service on five similar installations for minimum five years.
  a. Project Experience List: Provide contact names and addresses for completed projects.

- 32 32 23 part 1.3.B: Submit a list of previous projects totaling a minimum of five (5) projects of similar scope where the specific retaining wall system has been constructed successfully. Contact names and telephone numbers shall be listed for each project.

- 32 90 00 part 1.7: Installer Qualifications:
  1. Regularly installs specified products.
  2. Installed specified products with satisfactory service on five similar installations for minimum five years.
  a. Project Experience List: Provide contact names and addresses for completed projects.
  3. Member in good standing of either Professional Landcare Network or American Nursery and Landscape Association.
  4. Personnel assigned to Work certified in one of following categories from Professional Landcare Network and submit one copy of certificate to Contracting Officer's Representative:
  a. Certified Landscape Technician (CLT) - Exterior, with installation specialty areas, designated CLT-Exterior.
  b. Certified Landscape Technician (CLT) - Interior, designated CLT-Interior.
  c. Certified Ornamental Landscape Professional, designated COLP.
  B. Licensed Arborist required to submit one copy of license to Contracting Officer's Representative.
  C. Independent or university laboratory, recognized by State Department of Agriculture, with experience and capability to conduct testing indicated and that specializes in types of tests to be performed.