



TOWN OF BROOKLINE
Massachusetts

DEPARTMENT OF PUBLIC WORKS

Engineering & Transportation Division

July 24, 2020

Andrew M. Pappastergion

Commissioner

Peter M. Ditto, PE

Director

**ADDENDUM #1 TO CONTRACT DOCUMENTS FOR
LARZ ANDERSON LAGOON STRUCTURES
CONTRACT NO. PW/20-18**

**THE FOLLOWING CHANGES ARE
HEREBY MADE TO THE CONTRACT DOCUMENTS:**

SPECIFICATIONS:

The attached document clarifies Paragraph 1.8 QUALITY ASSURANCE of Specifications Section 034100 ARCHITECTURAL STRUCTURAL PRECAST CONCRETE AND UNIT CAST STONE, submitted as part of the Bid Set, dated July 6, 2020.

CHANGE:

The bid opening has been moved to Wednesday, August 19, 2020 @ 10:00 AM.

This addendum with revisions will be posted on the DPW Project Website at:

<https://www.brooklinema.gov/1796/PW-20-18-Larz-Anderson-Lagoon-Structures>

If you have any further questions please contact Dan O'Donnell at 617-730-2143, dodonnell@brooklinema.gov.

Peter M. Ditto, P.E.

Director of Engineering and Transportation

I HEREBY ACKNOWLEDGE RECEIPT OF ADDENDUM #1 AND MAKE IT PART OF THIS CONTRACT

Signature, Title

Company

333 Washington Street ♦ Brookline, Massachusetts 02445-6863

Telephone: (617) 730-2156 Facsimile: (617)730-2258

www.brooklinema.gov

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ADDENDUM #1

1.1 SUMMARY

- A. This ADDENDUM #1 clarifies Paragraph 1.8 QUALITY ASSURANCE of Specifications Section 034100 ARCHITECTURAL STRUCTURAL PRECAST CONCRETE AND UNIT CAST STONE, submitted as part of the Bid Set, dated July 6, 2020. The following Paragraph is to be used in lieu of Paragraph 1.8 of the Bid Set.

1.2 QUALITY ASSURANCE

- A. Fabricator: Precast and cast stone units shall be manufactured by one of the following firms or approved equal. All firms, either listed or proposed equal, shall provide documentation of qualification requirements as listed under Fabricator Qualifications within the "Quality Assurance" section of these Specifications.
1. Northern Design, 51 International Drive Loudon, NH 03307. (603) 783-8989
 2. Southside Precast, 1951 Hamburg Turnpike, Buffalo, NY 14218. (716) 825-9300
 3. Sun Precast, 4051 Ridge Road, Beaver Springs PA 17812. (570) 658-8000
- B. Fabricator Qualifications: A firm that complies with the following requirements and is experienced in producing structural precast concrete units similar to those indicated for this Project and with a record of successful in-service performance.
1. 15 years' experience producing similar Architectural Precast Concrete products as those required for this project. Provide name, location, architect, owner, date of completion and pictures of (5) projects that highlight a similar level of difficulty & craftsmanship.
 2. PCI or APA Plant Certification and meet all industry standards, per PCI-MNL 117.
 3. Provide historical testing results for the previous 5 years, including compressive strength breaks, water absorption, air content and proper resistance to freeze-thaw.
 4. Allow Design Team / Owner to visit fabrication facility prior to award to confirm capacity and quality of processes.
 5. Assumes responsibility for engineering structural precast concrete units to comply with performance requirements. This responsibility includes preparation of Shop Drawings and comprehensive engineering analysis by a qualified professional engineer.
 6. Professional Engineer Qualifications: A professional engineer licensed in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of structural precast concrete that are similar to those indicated for this Project in material, design, and extent. Participates in PCI's Plant Certification program and is designated a PCI-certified plant for Group C, Category C1 – Precast Concrete Products (no prestressed reinforcement)
 7. Has sufficient production capacity to produce required members without delaying the Work.

8. Certification shall be maintained throughout the production of the precast concrete units. Production shall immediately stop if at any time the fabricator's certification is revoked, regardless of the status of completion of contracted work. Production will not be allowed to re-start until the necessary corrections are made and certification has been re-established. In the event certification(s) cannot be re-established in a timely manner, causing project delays, the fabricator, at no additional cost, will contract out the remainder of the units to be manufactured at a PCI certified plant.
 9. Is registered with and approved by authorities having jurisdiction.
- C. Testing Agency Qualifications: An independent accredited testing agency qualified according to ASTM C 1077 and ASTM E 329 to conduct the testing indicated.
 - D. Design Standards: Comply with ACI 318 (ACI 318M) and the design recommendations of PCI MNL 120, "PCI Design Handbook – Precast and Prestressed Concrete," applicable to types of structural precast concrete members indicated.
 - E. Quality-Control Standard: For manufacturing procedures and testing requirements and quality control recommendations for types of members required, comply with PCI MNL 116, "Manual for Quality Control for Plants and Production of Structural Concrete Products."
 1. Comply with camber and dimensional tolerances of PCI MNL 135, "Tolerance Manual for Precast and Prestressed Concrete Construction."
 - F. Product Options: Drawings indicate size, profiles and dimensional requirements of precast concrete members and are based on the specific types of members indicated. Other fabricators' precast concrete members complying with requirements may be considered. Refer to Division 1 Section "Substitutions."
 - G. Welding: Qualify procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code – Steel"; AWS D1.4/D1.4M, "Structural Welding Code – Reinforcing Steel"; and AWS D1.6/D1.6M, "Structural Welding Code-Stainless".
 - H. Preinstallation Conference: Conduct conference at Larz Anderson Park, Brookline MA, to comply with requirements in Division 1 Specifications.
 - I. Warranty Period: 10 years

END OF SECTION