

A-67-24 LIQUID PNEUMATICALLY PROJECTED CONCRETE (SHOTCRETE)

DATED: JANUARY 2024

CONTRACT PERIOD: 3/31/2024 - 3/30/2025

INTENT

It is the intent of these specifications to assist the County in restoring deteriorated concrete on various Montgomery County bridges and structures, using pneumatically projected concrete (shotcrete). All work will be performed under the immediate direct supervision of the Montgomery County Commissioner of Public Works, or a competent foreman designated by him.

SCOPE OF WORK

The County of Montgomery will supply cement and washed concrete sand for said projects. The bid price shall be based on per bag of cement used on each project. Price shall include all costs of mobilization, scaffolding, sandbagging, chipping, wire mesh and/or epoxy bonding compound, all other materials used and all costs of preparing the surface and applying the new material. A record of the number of bags of cement used on each structure shall be kept on a daily record form used by the Department of Public Works for such projects. Records of the number of bags of cement used on each structure shall be provided before payment is authorized.

INSURANCE

Before the actual commencement of work, the Contractor shall file with the County liability insurance policies, with limits not less than the following amounts indicated:

TYPES OF POLICIES

- a. Contractor's Liability Insurance
- b. Contractor's Protective Liability Insurance
- c. Completed Operations Liability Insurance
- d. Protective Liability Insurance for the County
- e. Owner, Landlords and Tenants Liability Insurance

Minimum Limits

<u>General Liability</u>		<u>Umbrella Liability</u>	
Each Occurrence	Annual Aggregate	Each Occurrence	Annual Aggregate
\$1,000,000.00	\$3,000,000.00	\$5,000,000.00	\$5,000,000.00

EXPERIENCE

Bidder must submit evidence of satisfactory experience applying pneumatically projected concrete, and will guarantee that all employees are experienced in such application.

SAFETY AND MAINTENANCE OF TRAFFIC

Contractor will conduct operations with all possible precautions for the safety of the traveling public and his own employees. Contractor will provide signing and traffic control in accordance with the New York State Manual of Uniform Traffic Control Devices.

STANDARDS OF PERFORMANCE

The County of Montgomery has a Memorandum of Understanding with the New York State Department of Environmental Conservation. All work shall conform to Appendix A, Standards of Performance, which shall become a part of these specifications.

GENERAL

All materials, equipment, preparation of surfaces, placement and workmanship shall conform to the current specifications of Section 583-Shotcrete, as outlined in "Standard Specifications, Construction and Materials", of the New York State Department of Transportation.

AWARD OF BID

Award of bid will be made to the lowest responsible bidder. The county reserves the right to reject any or all proposals, waive minor informalities and advertise for new proposals if in the best interests of the County.

PREVAILING RATES SCHEDULE

Successful contractor shall pay not less than the prevailing wage rate established by the New York State Department of Labor, Bureau of Public Works. The Wage Rate Schedule as prepared by the Department of Labor hereby becomes a part of the contract and is included herein.

CONTRACT EXTENSION

The County of Montgomery reserves the right to extend any contract issued, based on this specification, under the same terms and conditions for a one year period from date of expiration, provided such extension is mutually agreeable to both County and Contractor.

APPENDIX A
Standards of Performance

All work shall meet the following standards:

- a. Culverts must be installed so they do not obstruct or impede fish passage. Culvert floors must be flush with or below the natural streambed.
- b. A flow of water sufficient to sustain aquatic life will be maintained downstream of the work area.
- c. Any alteration of the streambed must be constructed to provide for a low flow channel at least 6 - 12 inches deeper than the toe of the channel banks. Altered channels must not be wider than the natural stream channel above and below the work area.
- d. All work in the flowing stream will be kept to a minimum and the stream must be diverted around the work area whenever possible.
- e. Any disturbed stream banks must be graded to a stable slope, and rip rapped or planted with suitable grass, shrubs or legumes or seeded and mulched as indicated by conditions.
- f. Gravel removed from the streambed must be placed beyond the reach of normal high water. Gravel will not be pushed up on stream bank slopes, unless otherwise authorized.
- g. Any temporary dike or cofferdam will be constructed of clean material (but not stream or bank run gravel) and protected against erosion by riprap or plastic liner, etc.
- h. Any water from cofferdams, settling basins or other work activity, must not be returned to a stream unless it is as clean as the stream above the work area.
- i. Under no circumstances will cement or other pollutants be allowed to enter the stream.
- j. All in-stream work will be done during the low-flow season of June 1 to September 30, whenever possible.

PROPOSAL FORM ITEM A-67-2020

Sheet 1 of 1

Deliver Proposals to: Montgomery County Purchasing Agent
P.O. Box 1500
Fonda, NY 12068-1500

Sir:

The undersigned has read and understands the information and instructions to bidders and the specifications for the furnishing of Item A-67-24 Pneumatically Projected Concrete (Shotcrete) and proposes to perform the work as required by said documents for the price shown below.

This proposal is subject to acceptance within forty-five (45) days of the time set for the opening of bids.

Bid Price per bag of cement applied: \$ _____

The above price includes all costs associated with the application and Standards of Performance.

FIRM NAME: _____

ADDRESS: _____

TELEPHONE: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

NAME AND TITLE: _____

DATE: _____

BIDDERS FEDERAL I.D. NO. OR SOCIAL SECURITY NO. _____

IS FIRM INCORPORATED? _____

IF FIRM MINORITY OWNED? _____

(Minority ownership refers to ethnic origin NOT gender)