

TOWN OF OLD SAYBROOK
INVITATION TO BID for the INSTALLATION OF CONCRETE SIDEWALKS

INSTRUCTIONS TO BIDDERS

The Town of Old Saybrook (TOS) is accepting sealed bids for the removal of existing sidewalks and installation of concrete sidewalks at several locations in town, as detailed below. The work herein consists of both spot repair work and continuous run sidewalks. The Town is requesting a square foot bid price. Bid specifications are on the town website under "Sidewalk RFP".

All bids must be marked "Town of Old Saybrook Concrete Bid" and must be received in the First Selectman's office, 302 Main Street, Old Saybrook, CT 06475 on or before June 7, 2018 by 1:00 P.M.

The Town of Old Saybrook or its designated representative reserves the right to reject any proposal in whole which in his/her opinion does not meet the specification or quality standard desired. Such decision will be considered final and not subject to further recourse.

No bidder may withdraw his bid for a period of 30 days after the date of the opening.

- All labor and materials will be supplied by the contractor.
- Equipment will be placed on site in an area agreed upon by TOS and contractor.
- All necessary permits required by the Town of Old Saybrook will be obtained by the contractor.
- The contractor will be responsible for the preparation of the area including the compacting of the base in accordance with the specifications provided.
- The schedule of the project will be determined with the Director of Public Works and the First Selectman.
- Project start and completion must be 2018 construction season.
- All work will be performed in accordance with the Specification provided.
- Any and all questions must be addressed to the First Selectman at carl.fortuna@oldsaybrookct.gov. Answers to all questions received will be posted on the town website by May 31. The contractor shall comply with all state laws, town ordinances and building codes.
- The contractor will warrant all workmanship for a period of one year.
- The contractor will provide minimum insurance required by the town (Exhibit 1).
- All bidders will be required to fill out a Notice to Bidders Proposal form (exhibit 2).
- TOS will award the contract to the lowest responsive, responsible bidder. TOS may cancel the Procurement or reject any or all Proposals.

Areas of focus (further detail will be supplied to the successful bidder):

1. The south side of Old Boston Post Road from approximately 108 Boston Post Road to approximately 150 Old Boston Post Road replacing asphalt sidewalks;
2. Selected repairs on the north side of Old Boston Post Road from Lynde Street to Main Street;
3. Selected repairs on Main Street and College Street.

EX. 1

Minimum Insurance Requirements. The selected contractor shall agree to maintain in force at all times during which services are to be performed the following coverage placed with a company(ies) licensed to do business in the State of Connecticut:

General Liability*	Each Occurrence	\$1,000,000
	General Aggregate	\$2,000,000
	Products/Completed Operations Aggregate	\$2,000,000
Auto Liability*	Combined Single Limit	
	Each Accident	\$1,000,000
Umbrella* (Excess Liability)	Each Occurrence	\$1,000,000
	Aggregate	\$1,000,000
Professional Liability	Each Occurrence	\$ 1,000,000
	Aggregate	\$ 1,000,000

* The Town of Old Saybrook shall be named as "Additional Insured". Coverage is to be provided on a primary, noncontributory basis.

Workers' Compensation and Employers' Liability	WC Statutory Limits	
	EL Each Accident	\$500,000
	EL Disease Each Employ	\$500,000
	EL Disease Policy Limit	\$500,000

Town of Old Saybrook Sidewalk BID PROPOSAL FORM

BID Proposal of

(hereinafter called "BIDDER"), organized and existing under the laws of the State of _____, doing business as (an individual), or (a partnership), or (a corporation), to the Town of Old Saybrook (hereinafter called "TOS"): In compliance with the Advertisement for Bids, BIDDER hereby proposes to perform all WORK required for the TOS, in accordance with the Bid Specifications, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID, each party thereto certifies as to his own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence work under this Contract on or before a date to be specified and to fully complete the PROJECT within 2018 construction season.

BID _____

TOWN OF OLD SAYBROOK

Concrete Bid Specifications

80M - SIDEWALKS

80M.1 General

Sidewalks shall be constructed as shown on the Standard Detail Drawings (Figures 16, 17, 18 and 19), using 4000 PSI Portland Cement Concrete, with an air entraining admixture. Sidewalks shall be a minimum of fifty-nine and three quarter (59¾) inches in width and five (5) inches thick, and shall be constructed on a granular fill base having a minimum compacted thickness of eight (8) inches as shown in the Standard Detail Drawings. At all driveway crossings, the concrete thickness shall be increased to eight (8) inches, and a welded wire fabric reinforcement provided. Brick or stenciled and colored concrete shall be provided in the town center, at pedestrian nodes and at other locations as determined by the Commission. All patterns, pattern layouts and colors shall be as approved by the Commission.

Where brick sidewalks are required, they shall be set on a concrete base conforming to the same dimensions and standards required for construction of concrete sidewalks except that steel edge restraints shall be attached to the concrete as specified by the manufacturer. In addition, two (2) one half (0.5) inch diameter weep holes set one (1) foot in from each edge shall be provided through the concrete at a two (2) foot longitudinal spacing for the entire length of the walk. A non-woven filter fabric shall be laid on top of the entire concrete surface with a one (1) inch depth stone dust leveling course, complying with ASTM D448 for size No. 10, placed on top. Heavy vehicular paving brick, conforming to ASTM C1272, shall be carefully placed hand tight on the stone dust leveling course in straight courses, maintaining accurate alignment and uniform top surface. Bricks with chips, cracks, voids, discolorations or other visible defects shall not be used. Pallets of brick shall be mixed as they are placed to produce a uniform blend of colors and textures. All bricks shall be cut with a masonry saw to provide clean, sharp unchipped edges. Joints shall be filled with stone dust by sweeping over the surface until all joints are filled.

80M.2 Materials and Methods

All materials and construction methods shall conform to the requirements of the State Standard Specifications for "Concrete Sidewalks", except as follows:

Materials:

1. Portland Cement Concrete shall conform to the requirements of the State Standard Specifications Section M.03.01 Class "F".

2. Granular fill shall conform to the requirements of the State Standard Specifications Section M.02.06 Grading C.
3. Welded wire fabric reinforcement shall conform to the requirements of the State Standard Specifications Section M.06.01 WWF6x6-W2.9xW2.9.
4. Steel reinforcing bars and dowel bars shall conform to the requirements of the State Standard Specifications Section M.06.01 Bar Designation No. 4.
5. Preformed expansion joint filler shall be one quarter (.25) inch in thickness and conform to the requirements of AASHTO 213.
6. Colored concrete stencil pattern shall be "Running Bond Brick" by DCI (25067 Hawthorne Road, Webb City Missouri).
7. Colored concrete hardener shall be "Mexican Tile" by Coloration Systems, Inc. (15829 Chief Court, Fort Meyers, Florida). Accent color hardener shall be "Deep Charcoal" by Butterfield Color (625 West Illinois Avenue, Aurora, Illinois).
8. Concrete sealers and curing compounds shall be Chem Tec 1 by Chemtek International (77771 Woodside Avenue, Suite 100, Cincinnati, Ohio), and Clear Guard Cure and Seal 2.92 VOC by Butterfield Color (625 West Illinois Avenue, Aurora, Illinois).
9. Detectable warning strip tiles shall be color-fast, UV stable, homogeneous glass and carbon reinforced composite material, colored throughout. The surface geometry shall comply with ADA Regulations and shall consist of raised truncated domes with a nominal diameter of 0.9-inches, a nominal height of 0.2-inches, and a center to center minimal spacing of 2.35-inches. The color of the tile shall comply with the current version of the Standard Color Tolerance Charts issued by the Federal Highway Administration. Composite products relying on paint coatings or "UV coatings" for color stability are not acceptable.

Methods for Finishing Stenciled and Colored Sidewalks:

1. Forms shall be square to keep patterns aligned. Form width shall be 59¾ inches to allow full bricks in the stencil pattern.
2. Concrete shall have a maximum slump of four (4) inches to reduce excess bleed water.
3. After consolidating and screeding, bull float concrete to gradients indicated. Use a straight edge to level and test surface in longitudinal direction to required grade. Finish edges to provide a smooth dense surface with ¼ inch radius.
4. Place stencils in overlapping pattern. Adjust the stencil up or down on the repeat for proper alignment. Allow for waste and order ample amount of stencil for the project. Use a stencil roller to adhere stencil to the concrete. Do not use a bull float which will bury the stencil too deep.

5. Cast Mexican Tile color hardener evenly over the slab at the rate of fifty (50) pounds per one hundred (100) square feet. Bull float the first coat of color into the concrete. A second application of the Mexican Tile color hardener shall be made using the manufacturer's recommended amount to achieve surface abrasion resistance, wear resistance, and to reach the true color. After the second application of color hardener, cast accent spots using Deep Charcoal color hardener. Trowel in the color with a bull float and a mag trowel and edger, leaving the concrete with no trowel marks. Do not use a steel trowel. The last coloration step shall be casting a light pit coat of Deep Charcoal color hardener over the walkway, followed by Mexican Tile color hardener.
6. Once the concrete has lost its ability to adhere to the back of the stencil, the stencil shall be removed.
7. Saw cut joints at locations shown on the Standard Detail Drawings within twenty-four (24) hours.
8. Once the concrete has been cleaned to desired color and allowed to dry completely, apply one (1) coat of Chem Tec 1 in accordance with the manufacturer's instructions.
9. After the Chem Tec 1 has dried completely two (2) coats of Butterfield Color Clear Guard Cure and Clear Guard Cure and Seal 2.92 VOC shall be applied in accordance with the manufacturer's instruction.

Methods for Installing Detectable Warning Strip Tiles:

1. Detectable warning strip tiles shall be solidly set in the wet concrete. Beware that an overly wet mix may cause tiles to float. Concrete shall be poured and finished to line and grade, true and smooth to the required dimensions, prior to the placement of the tiles. Tiles shall be tamped and vibrated into the fresh concrete to ensure that the field level (base of truncated dome) of the tile is flush to the adjacent walking surface. $\frac{1}{4}$ Tolerance for elevation difference between the field and adjacent surface is $\frac{1}{16}$ -inch. Following the tile placement, tile elevation should be checked to the adjacent surface with a straight edge. Elevations shall be as shown on the plans. Any adjustment must be made prior to setting of the concrete. During and after tile installation and concrete curing, no walking or other external forces will be permitted on the tiles. Protect the area from traffic while concrete cures. Clean any excess concrete or other material from the exposed face of the tile prior to curing of those materials. Conform to manufacturer's installation recommendations.

80M.3 Handicap Ramps - General

Handicap ramps shall be constructed to the dimensions shown on the Standard Detail Drawings (Figures 20 and 21), modified as required to conform with the most current State Statutes and ADA Standards for Accessible Design as published in the Code of Federal Regulations; shall be located as shown on the Approved Design Drawings; and shall be constructed of 4000 PSI Portland Cement Concrete, with an air entraining admixture. Handicap Ramps shall be five (5) inches thick, and shall be constructed on a granular fill base having a minimum compacted thickness of eight (8) inches. Detectable warnings

consisting of truncated cones that visually contrast with adjoining surfaces shall be provided for the full width and depth of ramps.

80M.4 Handicap Ramps - Materials and Methods

All materials and construction methods shall conform to the requirements of the State Standard Specifications for "Concrete Ramps". "Granular Fill" shall conform to the requirements of the State Standard Specifications Sections M.02.01 and M.02.06 (Grading C). Portland Cement Concrete shall conform to the requirements of the State Standard Specifications Section M.03.01 (Class "P"). Welded wire fabric reinforcement shall be WWF 6x6 - W2.9xW2.9.