

TOWN OF BERLIN, CONNECTICUT

ADDENDUM No. 2

BID # 2020-22

KENSINGTON STREETSCAPE IMPROVEMENTS PHASE II

Bid Opening: Thursday, July 9, 2020 @ 2:00 PM

All bidders are hereby advised of the following amendments to the Contract Bid Documents which are hereby an integral part of the specifications for the subject project, prepared by Cardinal Engineering Associates, Inc., Meriden, Connecticut, to the same extent as all other documents.

Bids submitted shall be deemed to include the Contract Documents information as shown in this Addendum. General bidders shall notify sub-bidders that may be affected by this Addendum as applicable. Failure by the Bidder to incorporate this Addendum may result in a rejection of the bid. Bidders are directed to review changes to all portions of the work as changes to one portion may affect the work of another.

I. PROJECT MANUAL

- a. DELETE Special Provision for Item # 0924999A – Textured Reinforced Concrete Pavement Median and replace with Addendum No. 2 Special Provision for Item # 0924999A, copy attached.
 - i. 9.24.04 (1) - Method of Measurement - Textured Reinforced Concrete Pavement Median: This work will be measured for payment by the actual number of **cubic yards** of completed and accepted Textured Reinforced Concrete Pavement Median.
 - ii. 9.24.05 – Basis of Payment: This work will be paid for at the Contract unit price per **cubic yard** for "Textured Reinforced Concrete Pavement Median," complete in place, which price shall include all excavation as specified above, backfill, disposal of surplus materials, and all materials, equipment, tools and labor incidental thereto.
 - iii. Pay Unit : **C.Y. (cubic yards)**.

***THE BIDDER MUST ACKNOWLEDGE THAT THE BID INCLUDES THIS
ADDENDUM AT THE BOTTOM OF SCHEDULE OF PRICES***

**ITEM # 0924999A – TEXTURED REINFORCED CONCRETE PAVEMENT
MEDIAN**

9.24.01—Description: This item shall consist of installation of textured reinforced concrete pavement medians constructed on a processed aggregate base in accordance with the Contract.

9.24.02—Materials: Materials for this work shall meet the following requirements:

1. Portland Cement: Concrete shall meet the requirements of M.03 for Class PCC03340 Concrete.

2. Processed Aggregate Base: Processed Aggregate Base shall meet the requirements of M.02.01.

3. Reinforcement: Shall meet the requirements of M.06.01.

4. Textured Paving System: Shall be "Stentex Concrete Paving System" as manufactured by Coloration Systems, Inc. (1-800-848-9982) or approved equal. Provide manufacturer's recommended color hardener release agent and solvent sealer. Accent color for texture imprint shall be Elm City brick red or as approved by the Engineer.

9.24.03—Construction Methods: Construction methods shall meet the requirements of 9.21.03 supplemented as follows.

Textured reinforced concrete median and processed aggregate base are to be constructed per the requirements and details as shown on the plan and shall be installed on a prepared sub-grade.

When ordered by the Engineer existing pavements that are to remain shall be cut with a masonry saw along the lines of the limits of pavement that is to be removed and replaced.

Excavation shall include the removal of any existing pavement or median material and shall be made to the required depth below the finished grade as shown on the plans. All soft and yielding material shall be removed and replaced with suitable material properly compacted.

The processed aggregate base shall be placed in layers not to exceed 6 inches in depth. After compaction the surface shall be the specified depth below the finished grade of the median. The base shall be wetted and rolled or tamped after spreading each layer. Forms shall be of metal or wood, straight, free from warp and of sufficient strength to resist springing from the pressure of the concrete. If wood, they shall be of 2 inches surfaced plank except that at sharp curves thinner material may be used. If of metal, they shall be of approved section and shall have a flat surface on the top. The base width of metal forms shall be 2/3 the height. All Forms shall be of depth equal to the depth of the median. Forms shall be securely staked, braced and held to the required line and grade. They shall be sufficiently tight to prevent leakage of mortar. All forms shall be clean and oiled before concrete is placed. Suitable forms shall be used at the end of each day's pour. Concrete shall be placed in accordance with section 9.21.03 for Concrete Sidewalk of the Standard

Specification Form 818, where applicable. Forms shall not be removed until the concrete has had at least 12 hours to set. Expansion joints shall be placed as shown on the plans or as directed.

It shall be the Contractor's responsibility to see that all existing street signs, parking signs, curb boxes and parking meters are protected during construction and replaced at their original location if indicated on the Contract Drawings, unless otherwise directed. Curb boxes shall be reset to the new grade.

Concrete shall be installed and curbed in accordance with the provisions of Article 4.01.03 for Concrete Pavement of the Standard Specifications Form 818 and the following requirements:

1. Concrete shall be deemed ready for stamping when surface bleed water has disappeared (when surface sheen is lost after final bull float application). Stamping shall occur immediately and prior to concrete turning plastic in order to achieve full detail of the stamped textured surface.
2. Apply clear liquid release using garden hand sprayer. Completely cover the area to be stamped until the liquid surface has a shine. Stamp tool surfaces must also be completely covered with liquid release.
3. The Contractor shall have an adequate number of platform tools at the job site to sufficiently cover the work area.
4. The Contractor shall also provide temporary bridging over the surface to be stamped in order to avoid disturbance to wet concrete to be stenciled. The temporary bridging shall be adequate size, width, and strength so as not to impair the stamping process.
5. Pattern shall be Basketweave brick pattern per the Contract drawings or as otherwise approved by the Engineer shall be used.
6. Install stenciled concrete using stencils and textured rollers in accordance with manufacturer's Specifications. Notify the Engineer of any conflict between manufacturer's requirements or specifications and this specification.
7. Do not allow stencils to be buried.
8. Only when surface is completely dry, apply sealer. Sealer shall be applied with an airless hand pump sprayer or long nap paint roller. Two light coats are required to allow for more uniform coverage. Protect concrete to prevent pedestrian or vehicle traffic damage until sealer is dry.
9. Cold weather protection: When the Engineer directs the Contractor to provide protection against low temperatures during the curing period, the contractor shall use one of approved curing methods and in addition, shall place a layer of hay or straw 8 inches thick over the entire surface upon which shall be placed another layer of mats or cover sheets. The edges of the covers shall be firmly fastened in place. This protective covering for a minimum of 7 days or for such time as the Engineer may direct.

9.24.04—Method of Measurement: This work will be measured for payment as follows:

1. Textured Reinforced Concrete Pavement Median: This work will be measured for payment by the actual number of cubic yards of completed and accepted Textured Reinforced Concrete Pavement Median.

2. Excavation: Excavation below the finished grade of each concrete pavement median, backfilling and disposal of surplus material will not be measured for payment; but the cost shall be included in the Contract price for Textured Reinforced Concrete Pavement Median.

3. Processed Aggregate Base: This work will not be measured for payment, but the cost shall be included in the Contract price for Textured Reinforced Concrete Pavement Median.

4. Reinforcement: This material will not be measured for payment, but the cost shall be included in the Contract price for Textured Reinforced Concrete Pavement Median.

9.24.05—Basis of Payment: This work will be paid for at the Contract unit price per cubic yard for "Textured Reinforced Concrete Pavement Median," complete in place, which price shall include all excavation as specified above, backfill, disposal of surplus materials, and all materials, equipment, tools and labor incidental thereto.

Pay Item

Textured Reinforced Concrete Pavement Median

Pay Unit

C.Y.