

ADDENDUM NO. 2
February 11, 2019
224188

RE: TOWN OF MIDDLEBURY, VERMONT
SHARD VILLA ROAD IMPROVEMENTS

FROM: DuBOIS & KING, INC.
P.O. Box 339
Randolph, Vermont 05060
(802) 728-3376

TO: Prospective Bidders

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents issued by the Town of Middlebury, for the Shard Villa Road Improvements project dated January 25, 2019. **Acknowledge receipt of this Addendum in the space provided on Page 1 of the Bid Form. Failure to do so will subject the Bidder to disqualification.**

- I. Pre-Bid Meeting**
- II. Contract Documents (Plan) Changes**
- III. Contract Documents (Specification) Changes**
- IV. Questions & Answers**

Question 1: Is an asphalt price adjustment allowed, since the price might change between now and when the project starts?

Answer 1: See **Attachment 1** for the Specification on Price Adjustment Procedures.

- V. Additional Information/Clarifications**

This document constitutes Addendum 2 for this project.

ATTACHMENT 1

BITUMINOUS CONCRETE PAVEMENT (ROADWAYS AND DRIVEWAYS)

A. Price Adjustment Procedures

1. The price of Bituminous Concrete Pavements shall be based on an asphalt cement Index Price (IP) established by the VTrans Asphalt monthly average price for asphalt cement, or other monthly index deemed appropriate by the Engineer based on past history and projected future cost.
The IP will be set monthly on or about the last day of the month. The contract IP at the time of bidding is set at \$514 per English short ton (2,000 pounds).
2. For the duration of the Contract, posted prices for an English short ton of asphalt cement established monthly by the Vermont Agency of Transportation should be available on the web at:
<https://vtrans.vermont.gov/contract-admin/resources/construction-contracting/asphalt-price-adjustment>
The posted prices (PP) should be established by the Vermont Agency of Transportation.
3. A per square yard price adjustment will be calculated for the total depth of bituminous concrete based on the difference between the asphalt's IP and the most recent monthly posted PP. The most recent monthly posted price at the time of asphalt installation shall be used to calculate the adjustment value.
4. The Monthly Adjustment Price (MAP) for the total depth of bituminous concrete pavement shall be based on the weighted percentage of virgin asphalt cement (% VAC) added into the mixes during production based on the mix designs minus 1/10th of one percent. Any time the actual mix produced asphalt cement content differs from the mix design by 2/10th of a percent, the mix designs asphalt cement value (%AC) shall be adjusted to the actual production asphalt cement content. Note – actual %AC values shall not deviate from VTrans pavement specifications.
5. The MAP per square yard of full-depth bituminous concrete pavement shall be computed as follows:

$$\text{MAP} = \{ \text{SCP} + [(\% \text{VACwt} - 0.001) \times (0.222 \text{ tons/sy}) \times (\text{PP-IP})^*] \}$$

Where:

MAP = Monthly Adjusted Price per square yard of bituminous concrete pavement

SCP = Submitted Contract Price of full-depth pavement, per square yard

% VACwt = weighted full-depth Percent Virgin Asphalt Content as a decimal
= [(0.4375) x (% VACtc) + (0.5625) x (% VACbc)]

% VACtc = Percent Virgin Asphalt Content of the top course of asphalt cement

% VACbc = Percent Virgin Asphalt Content of the bottom course of asphalt cement

* Note: (PP-IP) values may be negative or positive