

"City of Havelock
2019 Paving Maintenance"
Addendum 1
October 25, 2019

With this addendum 1 we have also included a new page 14 and a new page 24. These pages will replace pages 14 and 24 from the original bid documents.

Questions Received at Pre-Bid Meeting October 22, 2019

I did not see an adjustment clause for liquid binder. (This price fluctuates monthly and has the biggest effect on the asphalt price).

No adjustment clause for liquid asphalt binder.

Do you have any idea when this job might be awarded so we can better estimate the cost or lock a price in with our supplier?

The job is anticipated to be award the end of November or beginning of December 2019. The job is to take place according to the scheduled outlined in the contract period. The date on the Notice to Proceed will be based on NC DOT 610-4 Weather, Temperature, and Seasonal limitations for Producing and Placing Asphalt Mixtures.

Under the Itemized proposal page 24 line 9 Pavement markings lines 24" (latex) no quantity is listed?

There are no lines to be marked that are 24" item 9 Pavement marking lines 24" (latex) on page 24 is to be removed from the itemized proposal.

Do the line markings need to be a reflective material?

No.

The only other pavement line marking on the itemized proposal page 24 is the pavement marking lines 4", but school pavement lines are greater than 4".

This is a revised response from what was discussed in the pre-bid meeting. Bidders are cautioned to use the answer supplied in this addendum for bidding.

Paint Pavement Marking 6" (latex) i.e. School has been added to the page 24 itemized proposal.

Do the pavement marking lines need to be thermoplastic?

No, they can be latex.

On page 14 adjust manholes and water valve boxes can you use metal risers?

Yes, you can use a 1 ½ inch cast riser.

Are the manholes and water valve boxes standard?

Yes, they should all be standard. If one is found to be different in the field, an adjustment will be discussed at that time.

For the order of Street will you tell us or will we tell you the order?

We will list Streets in groups that are most reasonable for mobilization and efficiency. You will then be able to select which grouping you would like to do first.

Are there time restrictions on streets with schools?

There is only one street where this will be an issue. When working on the group with the school the City will provide the restricted work hours.

ITEMIZED PROPOSAL ADDENDUM 1

PROJECT: Havelock 2019 Street Improvements						
(Section Code Numbers refer to appropriate section of the 2012 Revised Standard Specifications of the North Carolina Departments of Transportation. SP refers to the appropriate section of these specifications.)						
Item No.	Sect. No.	Item Description	Quantity	Unit	Unit Price Bid Dollars	Amount Bid Dollars
1	800	Mobilization		LS		
2	SP-1	Grading		LS		
3	607	Incidental Milling	5,570	SY		
4	607	Milling Asphalt Pavement, 1.5" Depth	2,007	SY		
5	SP-3	Full Depth Patching (8" Depth)	2,514	SY		
6	SP-5	1.5" Asphalt Surface Course Type S 9.5 B	44,438	SY		
7	858	Adjustment of Valve Boxes	12	EA		
8	858	Adjustment of Manholes	12	EA		
9	1205	Paint Pavement Marking Lines, 4" (Latex)	7,300	LF		
10		Paint Pavement Marking 6" (Latex) ie. School	250	LF		
11	SP-7	Shoulder Repair	23,344	LF		
12		Short Overlay	491	SY		
					Subtotal	
					10% Contingency	
					Total Amount Bid	

PROJECT SPECIAL PROVISIONS

ADJUSTMENT OF VALVE BOXES AND MANHOLES

The Contractor's attention is directed to Article 858-3 of the Standard Specifications. Cast iron or steel fittings will be permitted for the adjustment of manholes and valve boxes on this project.

Payment for manhole and valve box adjustments will be made at the contract unit price for "Adjustment of Manhole" or "Adjustment of Valve Box" respectively.

Traffic shall be diverted around raised structures until completion of the work. Traffic control shall be as described elsewhere in these Special Provisions. The outside edge of raised structures shall be painted with orange paint to warn oncoming traffic.

Concrete placed around raised structures (see "Utility Adjustments for Resurfacing" in Appendix A) shall be high-early strength concrete. After adjusting structures to final grade, any material required to be excavated adjacent to the structure shall be replaced with concrete.

Structures exposed more than 2" by raising or milling operations shall have a temporary asphalt ramp placed around the structure (maximum slope 1/2"/ft). The temporary asphalt shall be removed just prior to final paving. Payment for temporary asphalt ramps shall be included in the unit price for adjusting the structure as described in Section 858.

ANTICIPATED WORK SCHEDULE

The Contractor will be required to provide a weekly schedule for streets to be resurfaced to allow the City departments sufficient time for re-scheduling of garbage collection. The Contractor shall supply updates to the schedule as necessary to coordinate this effort.

The Contractor is hereby notified that for any work to be acceptable to the City, a City Inspector must be present at all times. Any work performed in the absence of a City Inspector will not be considered for payment. Therefore, communication with the Public Services Director and / or City Inspectors is imperative.

ASPHALT CEMENT FOR PLANT MIX

There will be no separate measurement or payment for asphalt cement. All costs in connection therewith shall be included in the asphalt item in which asphalt cement is used.

ASPHALT SURFACE TREATMENT, MAT COAT, NO. 6 STONE

The Contractor's attention is directed to Section 660 of the Standard Specifications. A certification of compatibility of the asphalt (anionic emulsified asphalt RS-2 or cationic emulsified asphalt CRS-2) with the proposed aggregate shall be provided to the Public Services Director by the Contractor a minimum of three days prior to construction. The size of aggregate shall be No. 6 for all streets. All mat coat placed during the workday shall be covered with the resurfacing layer prior to ending the day's operation.

Liquid asphalt and aggregate shall be applied in accordance with the following schedule:

Mat Coat	Asphalt Rate	0.42 to 0.47 Gal./Sq. Yd.
	Application Temperature	150 F to 175 F
	Aggregate Size	No. 6
	Aggregate Rate	30 to 35 Lbs./Sq. Yd.

ASPHALT TESTING

Quality Management System for Asphalt Pavements, Article 609 of the Standard Specifications, shall apply on this project except for the provisions listed herein. Article 609-5 (D), Field Compaction Quality Control, shall be amended to require density tests at a rate of not less than two (2) tests per street or every 1,000 linear feet, whichever is greater. Cost for testing shall be included in the various asphalt bid items.