

OFFICE OF THE FULTON COUNTY ENGINEER

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April 28, 2017

ADDENDUM 3

Fulton County 2017 Seal Coat Program

RE: Delayed Bid Opening, Unit Price Bid Schedule Revision, Engineer's Estimate, Cold Mix Specifications

1. **Delayed Bid Opening**

Due to necessary proposal changes, the bid opening will be delayed by one week. The bids will be opened on **Tuesday, May 9th at 10:00 a.m.** at the Fulton County Commissioners' Office, 152 S. Fulton St., Suite 270, Wauseon, Ohio.

2. Unit Price Bid Schedule Revision

Changes were made to Ref. #181, #182 and #183. Please attach the updated Unit Price Bid Schedule page to the proposal. Disregard the revised Unit Price Bid Schedule page #13 that was issued with Addendum #2.

3. Engineer's Estimate

Due to the changes in Ref. #181, #182 and #183, the Engineer's Estimate has been changed to \$921,579.56.

4. Cold Mix Specifications

Please add the attached Cold Mix Specifications to the proposal.

End of addendum.

Road U (Road 12 to SR 109)

16,025' x 17'6"

176	409	10,906.0	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ _____	\$ _____
177	409	324.6	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ _____	\$ _____
178	special	3,739	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ _____	\$ _____
179	642	3.03	mile	4" waterbased centerline - type 1	\$ _____	\$ _____

Road RS (Road 10-3 to Bridge West of Road 11-2)

4,090' x 16'9"

Bituminous Cold Mix Leveling & Surface course

180	202	54.0	S.Y.	Pavement grinding of butt joints	\$ _____	\$ _____
181	405	485.0	TON	Asphalt Concrete - Cold Mix - # 57, Leveling Course, 1.5"	\$ _____	\$ _____
				CM-90 or Equivalent, 4.6% by wt.		
182	405	324.0	TON	Asphalt Concrete - Cold Mix - # 8, Surface Course, 1"	\$ _____	\$ _____
				CM-90 or Equivalent, 4.6% by wt.		
183	405	38	TON	Choke for cold mix overlay surface @ 10lbs. / S.Y. - with #9 stone	\$ _____	\$ _____
184	617	105	C.Y.	Aggregate shoulder reconditioning, 1.5' width x 2.5" depth	\$ _____	\$ _____
185	642	0.77	mile	4" waterbased centerline - type 1	\$ _____	\$ _____
186	642	1.54	mile	4" waterbased edge line - type 1	\$ _____	\$ _____
187	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ _____	\$ _____
188	614	1	Lump	Maintaining Traffic for all Royalton Township Sections.....	\$ _____	\$ _____

Swancreek Township

Road 4-1 (Road A to Road B)

5,385' x 20'

189	409	4,188	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ _____	\$ _____
190	409	125	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ _____	\$ _____
191	special	1,436	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ _____	\$ _____
192	642	1.00	mile	4" waterbased centerline - type 1	\$ _____	\$ _____

Road 5-2 (Road F to SR 20A)

5,620' x 18'8"

193	409	4,080	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ _____	\$ _____
194	409	121	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ _____	\$ _____
195	special	1,400	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ _____	\$ _____
196	642	1.00	mile	4" waterbased centerline - type 1	\$ _____	\$ _____

Road 6 (Road EF to Road F)

1,990' x 16' 3"

197	409	1,258	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ _____	\$ _____
198	409	37	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ _____	\$ _____
199	special	431	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ _____	\$ _____
200	642	0.38	mile	4" waterbased centerline - type 1	\$ _____	\$ _____

Road 6-3 (Road EF to Road F)

2,620' x 17'5"

201	409	1,775	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ _____	\$ _____
202	409	52.8	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ _____	\$ _____
203	special	609	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ _____	\$ _____
204	642	0.50	mile	4" waterbased centerline - type 1	\$ _____	\$ _____

FULTON COUNTY ENGINEER'S OFFICE COLD MIX SUPPLEMENTAL SPECIFICATIONS

Except as modified by these plans and by the detailed specifications pertaining thereto, all work shall be governed by the Fulton County construction standards and by the State of Ohio Department of Transportation, "Construction and Material Specifications" dated January 1, 2016 and supplements, including but not limited to supplemental specifications, supplements and proposal notes, thereto in effect fourteen (14) calendar days prior to receiving bids.

Note: Item 405 "Bituminous Cold Mix" is governed by the State of Ohio Department of Transportation, "Construction and Material Specifications" dated January 1, 1997.

DEFINITIONS: All references to **LABORATORY**, used in these supplemental specifications, shall mean a currently inspected **American Material Research Laboratory (AMRL)** testing laboratory capable of performing the mix designs in accordance with this supplemental specification.

ITEM 202 – PAVEMENT REMOVAL

Pertinent sections of **202 PAVEMENT REMOVAL** apply including or in addition to the following:

1. A milled butt joint shall be provided where new pavements meet existing pavements and bridge decks. These areas shall be established by the **ENGINEER** and provided in accordance with ODOT standard construction drawing BP 3.1. Milled materials may be used for placement along berm areas.

ITEM 405 – Bituminous Cold Mix

Pertinent sections of **401 FLEXIBLE PAVEMENTS** apply including or in addition to the following:

1. All pavers will be equipped with an automatic joint maker, which shall be used in making longitudinal joints. Longitudinal joints will be staggered between courses. The longitudinal joint of the surface course shall be at the center of the specified pavement width. Material shall be placed to provide 1/4 inch/foot crown and to level longitudinal deficiencies with a forty-foot (40') automatically controlled leveling ski for pavements equal to and greater than 20 feet in width.
2. No material will be laid on a wet surface or when the air temperature is less than 40 degrees.
3. Traffic will not be permitted on the asphalt until it has cured sufficiently that no marking shall appear.

JOB MIX FORMULA - ASPHALT CEMENT SUBMITTAL

The Job Mix Formula (JMF) specified herein shall be developed by the **CONTRACTOR** and submitted to the **ENGINEER** for approval prior to the start of production. In addition, the **CONTRACTOR** shall provide certified test results indicating that the asphalt cement to be used conforms to the attached specifications for asphalt cement. A separate JMF and certification of asphalt cement test results shall be submitted for each aggregate and/or asphalt cement source to be used in the project. During production of the mixture, the **CONTRACTOR** shall perform quality control procedures adequate to furnish assurance to the **ENGINEER** that the mixture delivered to the paving site is in reasonable conformance with specification requirements and can be incorporated in the work with satisfactory results.

One copy of the plant ticket shall accompany each load of material delivered to the project, and shall be presented to the **ENGINEER**. The total of the weights recorded on the plant tickets for each mixture furnished shall be converted to cubic yards for payment using the conversion factor established by the **CONTRACTOR** for each mixture submitted to the **ENGINEER** for approval.

ITEM 614 - MAINTAINING TRAFFIC

1. Local traffic only shall be maintained for access to and from local home sites.
2. Lights, signs, barricades and drums shall be provided by the **CONTRACTOR** and placed in accordance with the latest edition of the Ohio Manual of Uniform Traffic Control Devices. Maintaining Traffic in accordance with the above provisions shall be included for payment in the lump sum for Item 614, Maintaining Traffic
3. The **CONTRACTOR** is responsible for contacting and keeping informed, the Fulton County Sheriff and all affected school districts during the entire project.