



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 10, 2018

Addendum No. 2

RE: Contract # C204056

WBS # 46411.3.2

F. A. # NHPIM-0040(068)

Burke County (I-5891A)

I-40 From MP-32.95 (McDowell County Line) To MP-119.13 (Catawba County Line)

January 16, 2018 Letting

To Whom It May Concern:

Reference is made to the proposal form furnished to you on this project.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 2 Dated 01-10-2018".
Table of Contents	Revised to reflect the addition of the provision entitled "Note To Contractor" on Page G-27
G-27	Revised to add the project special provision entitled "Note To Contractor"
R-13	Revised paragraph (D) (3) concerning special requirements for Installation of Low Modulus Silicone Sealant
TC-5 and TC-6	Revised the paragraph concerning "Fine Milling Operations (Depths less than 1.5").

Please void the above listed pages in your proposal and staple the revised pages thereto.

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

F81B6038A47A442...
Ronald. E. Davenport, Jr., PE
State Contract Officer

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RED/jag
Attachments

cc: Mr. Lamar Sylvester, PE
Mr. Jay Swain, PE
Mr. Chris Werner, PE
Mr. Ken Kennedy, PE
Mr. Jon Weathersbee, PE
Ms. Jaci Kincaid
Project File (2)

Mr. Ray Arnold, PE
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Mr. Mike Gwyn
Ms. Penny Higgins
Mr. Mitchell Dixon
Ms. Lori Strickland

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 2 DATED 01-10-2018
INCLUDES ADDENDUM No. 1 DATED 01-05-2018

DATE AND TIME OF BID OPENING: **JANUARY 16, 2018 AT 2:00 PM**

CONTRACT ID C204056
WBS 46411.3.2

FEDERAL-AID NO. NHPIM-0040(068)
COUNTY BURKE
T.I.P. NO. I-5891A
MILES 26.000
ROUTE NO. I 40
LOCATION I-40 FROM MP-32.95 (MCDOWELL COUNTY LINE) TO MP-119.13
(CATAWBA COUNTY LINE).

TYPE OF WORK PAVEMENT REHABILITATION.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

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PROPOSAL ITEM SHEET

ITEM SHEET(S) (TAN SHEETS)

SKETCH MAPS (INSERT)

No additional compensation for monitoring borrow pit discharge will be paid.

INTERSTATE/FREEWAY MAXIMUM LANE CLOSURE LENGTH:

The maximum lane closure length on this project is 5 miles.

All quantities for required traffic control devices, digital speed limit signs, work zone presence lighting and law enforcement hours as well as paving production rates are to be based on this requirement.

NOTE TO CONTRACTOR:

The depth of the existing concrete pavement is approximately 8 to 9 inches in thickness.

If the joint material fails in either adhesion or cohesion, the joint shall be repaired to the Engineer's satisfaction at the Contractor's expense.

- (3) **Special Requirements for Installation of Low Modulus Silicone Sealant:** The sealant shall be applied or tooled in a manner which causes it to wet the joint faces and provide the required recess.
- (4) **Cleaning Pavement:** Promptly remove surplus joint sealer on the pavement after a joint has been sealed so that the joint sealer is not exposed to direct contact with traffic.

(E) Opening to Traffic

Do not permit traffic over sealed joints without the approval of the Engineer.

Measurement and Payment

Joint Construction, Repair and Sealing will be measured and paid for at the contract unit price of the actual number of linear feet of joints, which are satisfactorily constructed, repaired and sealed. The length will be measured along the joints that have been constructed or repaired and sealed. Such price and payment will be full compensation for this work, including but not limited to removal and disposal of existing joint sealant and backer rod, preparation of joints, and furnishing all labor, tools, materials, and supplies, tools equipment and incidentals needed to complete the work.

Payment will be made under:

Pay Item

Joint Construction, Repair and Sealing

Pay Unit

Linear Foot

REMOVE AND REPLACE CONCRETE APRON:

(10-24-16)

SP

Description

This work shall consist of removing and replacing existing concrete aprons at existing drainage structures as directed by the Engineer.

Materials and Construction Methods

Remove existing concrete aprons as directed by the Engineer. Construct concrete aprons in accordance with Section 840 of the *Standard Specifications*, the details shown in the *Roadway Standard Drawings*, and as directed by the Engineer.

Measurement and Payment

Remove and Replace Concrete Apron at existing drainage structures will be measured and paid per each concrete apron that has been completed and accepted. Work shall include but not be

TC-5

Paving Lifts Greater than 3"

For all other paving lifts greater than 3", bring all newly resurfaced lanes to the same station and elevation by the end of each work day unless the Contractor utilizes the notched wedge paving methods as described below:

- A. Any paving lift greater than 3" shall be mitigated by having an approved wedge apparatus on the paver that shapes the edge 1" vertically and the remaining at a maximum slope steepness of 2:1. The maximum paving lift allowed to use this method is 3".
- B. At the end of the work day, the Contractor shall place portable "UNEVEN PAVEMENT" signs in advance of the uneven pavement and spaced every ½ mile along the section of uneven pavement. Once mitigated, all portable "UNEVEN PAVEMENT" signs shall be removed.
- C. In the next day's paving operation and not to exceed 72 hours, the Contractor shall bring up the adjacent lane to the same station and elevation before any further paving takes place on the project.

Milling Operations (Does Not Apply to Fine Milling)

Conduct milling operations so that any milled pavement is paved back by the end of each work day.

A milled/grooved surface shall not be re-opened to traffic except in cases where inclement weather or mechanical failure prevents the paving back of the lane by the end of the work day.

If milled areas are not paved back within the same work period due to inclement weather or mechanical failure, the Contractor is to furnish and install portable signs to warn drivers of the conditions. The signs include "Grooved Pavement" (W8-15) w/ Motorcycle Plaque mounted below, and "Uneven Lanes" (W8-11). These are to be dual indicated where lateral clearance can be obtained within the median areas. Install the "Grooved Pavement" (W8-15) w/ Motorcycle Plaque 1500' in advance of the milled area. Install the "Uneven Lanes" (W8-11) 500' in advance of the milled area. Alternate these signs every ½ mile. Once mitigated, all portable signs are to be removed.

Slope the pavement at the beginning and ending of the daily milling operation as directed by the Engineer. Sweep and remove all milled material from the roadway as soon as the daily milling operation is completed. Remove any existing pavement adjacent to the milled area that has been damaged and replace with patch material as directed by the Engineer.

Fine Milling Operations (Depths less than 1.5")

For fine milling operations, paving is not required in the same work period. However, the adjacent lane, including shoulders and ramps, shall be fine milled within the next work period

TC-6

and not to exceed 72 hours, such that the entire roadway typical is brought to the same elevation. No advance warning signs are needed for these conditions. Pavement markings are required by the end of each work day.

3. Temporary Pavement Markings:

Review and record the existing pavement markings and markers before obliteration. Re-establish the new pavement markings and markers using the record of existing markings in conjunction with the *2018 Roadway Standard Drawings* unless otherwise directed by the Engineer. Submit the record of the existing pavement markings seven calendar days before the obliteration of any pavement markings.

Obliterated pavement markings shall be replaced by the end of each workday's operation. Interim paint may be used to comply with time limitations if final pavement markings cannot be placed except for milled surfaces or diamond ground surfaces. Final markings shall be placed within 30 days in accordance with Section 1205-4 and Section 1205-5. For milled surfaces, temporary pavement markings shall be used in accordance with Section 1205-8(C). There will be no direct payment for interim paint. Temporary paint will be paid for at the contract unit price.

For concrete surfaces that have been diamond ground as a surface treatment, 4" temporary paint shall be used in accordance with Section 1205-8(C). Upon completion of all diamond grinding operations, 4" line removal shall be used to remove 100% of the 4" temporary paint on the final concrete surface by grinding method only. Use an acceptable method to grind ridges smooth only where pavement markings will be installed prior to placing final pavement marking material. This method shall also be used in the area of the black contrast for surface preparation. Payment for line removal will be made in accordance with Section 1205-10.

For project winterization, install temporary paint markings in accordance with Section 1205-8(C) of the 2018 Standard Specifications. Use 4" lane, edge, and center lines and 8" gore lines. Compensation for this work shall be made in accordance with Section 1205-10 except that no payment will be made if paving is completed more than 30 days before the written notification by the Department that winterization is required.

4. Work Zone Signing:

A. Description

Install advance/general warning work zone signs according to the attached drawings prior to beginning of work.

For paving overlays of 3" or greater that create a drop-off adjacent to the median shoulder, install "LOW/SOFT SHOULDER" (SP 13107) signs on the median shoulder. Place initially at the construction limits, and then space 1 mile thereafter. No signing required for the outside shoulder.