



PAT McCRORY  
Governor

NICHOLAS J. TENNYSON  
Secretary

November 1, 2016

TO: Prospective Bidders

FROM: Lloyd Royall, PLS  
Division Proposals Engineer

SUBJECT: **Addendum # 1-**  
Contract ID: **DC00149** WBS# **45333.3.12**  
Federal Aid #: **HRRR-1519(5)** TIP #: **W-5203L**  
**Onslow County**  
**GRADING, DRAINAGE, WIDENING FOR PAVED SHOULDERS,**  
**AND THERMOPLASTIC PROFILED PAVEMENT MARKING LINES**  
**ON SR 1518/SR 1519 FROM NC 210 TO SR 1515.**

The subject contract proposal contains the following addendum:

- 1. Revised Bid Form –Replace the existing bid form with the bid form in this document. Following changes to bid form listed below:

Changed Line Item # 23 (Patching Existing Pavement-Full Depth) from Description number “1704000000-E” to Description number “1880000000-E”.

Changed Line Item # 42 (THERMOPLASTIC PROFILED PAVEMENT MARKING LINES, 4" WHITE) from Description number “4891000000-E” to Description number “4890000000-E”. Change Sect from “1205” to “SP”.

- 2. Additional Special Provisions –See additional Special Provisions in this document. Following Special Provisions added:

“Incidental Concrete”  
“Remove Existing Curb & Gutter”  
“Safety Fence and Jurisdictional Flagging”  
“Response for Erosion Control”

This addendum officially becomes part of the contract.

Addendum must be signed and dated.

You must sign as your acknowledgement that you did in fact receive this addendum. Failure to do so shall cause the bid to be considered irregular and shall be grounds for rejection of the bid.

Signature \_\_\_\_\_ Date \_\_\_\_\_



# North Carolina Department of Transportation

## PURCHASE ORDER CONTRACT BID FORM

**WBS Number: 45333.3.12**

Grading, Drainage, Widening for Paved Shoulders, and Thermoplastic Profiled Pavement  
Marking Lines, Etc. on SR 1518/SR 1519 From NC 210 To SR1515 In Onslow County.

ITEM	DESC	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
1	0000100000-N	800	MOBILIZATION	1.00	LS		
2	0000400000-N	801	CONSTRUCTION SURVEYING	1.00	LS		
3	0022000000-E	225	UNCLASSIFIED EXCAVATION	3,840.00	CY		
4	0036000000-E	225	UNDERCUT EXCAVATION	1,350.00	CY		
5	0106000000-E	230	BORROW EXCAVATION	1,492.00	CY		
6	0195000000-E	265	SELECT GRANULAR MATERIAL	1,400.00	CY		
7	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	2,900.00	SY		
8	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	120.00	TON		
9	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	360.00	SY		
10	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	144.00	LF		
11	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	316.00	LF		
12	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	472.00	LF		
13	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	100.00	LF		
14	0995000000-E	340	PIPE REMOVAL	467.00	LF		
15	1011000000-N	500	FINE GRADING	1.00	LS		
16	1099500000-E	505	SHALLOW UNDERCUT	500.00	CY		
17	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	950.00	TON		
18	1220000000-E	545	INCIDENTAL STONE BASE	350.00	TONS		
19	1245000000-E	SP	SHOULDER RECONSTRUCTION	5.52	SMI		
20	1489000000-E	610	BASE COURSE, B25.0B	2,425.00	TONS		
21	1519000000-E	610	SURFACE COURSE, S9.5B	1,499.00	TONS		
22	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	197.00	TON		

ITEM	DESC	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
23	1880000000-E	SP	PATCHING EXISTING PAVEMENT(FULL DEPTH)	50.00	TONS		
24	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	2,000.00	LF		
25	2253000000-E	840	PIPE COLLARS	2.10	CY		
26	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	5.00	EA		
27	2363000000-N	840	FRAME W/2GRTS 840.24	5.00	EA		
28	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	16.00	LF		
29	2612000000-E	848	6" CONCRETE DRIVEWAYS	220.00	SY		
30	2738000000-E	SP	INCIDENTAL CONC	69.00	SY		
31	2752000000-E	SP	REMOVE EXIST CURB & GUTTER	83.00	LF		
32	2845000000-N	858	ADJUSTMENT OF METER OR VALVE BOX	7.00	EA		
33	3649000000-E	876	RIP RAP, CLASS B	19.00	TON		
34	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	52.00	SY		
35	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	416.00	SF		
36	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	1.00	LS		
37	4510000000-N	SP	LAW ENFORCEMENT	40.00	HR		
38	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	200.00	LF		
39	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	50.00	LF		
40	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	4.00	EA		
41	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	500.00	LF		
42	4890000000-E	SP	THERMOPLASTIC PROFILED PAVEMENT MARKING LINES, 4" WHITE	36,847.00	LF		
43	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	20.00	EA		
44	6000000000-E	1605	TEMPORARY SILT FENCE	938.00	LF		
45	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	400.00	TON		
46	6009000000-E	1610	STONE FOR EC CLASS B	309.00	TON		
47	6012000000-E	1610	SEDIMENT CONTROL STONE	291.00	TON		
48	6015000000-E	1615	TEMPORARY MULCHING	5.57	ACR		
49	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	947.00	LBS		

ITEM	DESC	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
50	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	5.19	TON		
51	6024000000-E	1622	TEMPORARY SLOPE DRAINS	198.00	LF		
52	6029000000-E	SP	SAFETY FENCE	213.00	LF		
53	6030000000-E	1630	SILT EXCAVATION	670.00	CY		
54	6036000000-E	1631	MATTING FOR EROSION CONTROL	565.00	SY		
55	6037000000-E	SP	COIR FIBER MAT	405.00	SY		
56	6042000000-E	1632	1/4" HARDWARE CLOTH	238.00	LF		
57	6071010000-E	SP	WATTLE	420.00	LF		
58	6071020000-E	SP	POLYACRYLAMIDE (PAM)	30.00	LB		
59	6084000000-E	1660	SEED & MULCHING	6.51	AC		
60	6087000000-E	1660	MOWING	5.69	ACR		
61	6090000000-E	1661	SEED FOR REPAIR SEEDING	188.00	LB		
62	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	2.38	TON		
63	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	99.00	LB		
64	6108000000-E	1665	FERTILIZER TOPDRESSING	8.52	TON		
65	6114500000-N	1667	SPECIALIZED HAND MOWING	14.90	MHR		
66	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	40.00	EA		

***TOTAL BID FOR PROJECT:*** \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

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Federal Identification Number \_\_\_\_\_

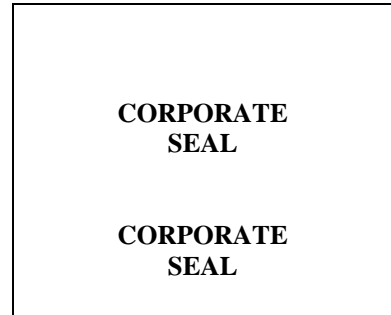
Contractors License Number \_\_\_\_\_

Authorized Agent \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_



Witness \_\_\_\_\_ Title \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Point of Contact for Post-Bid Inquires (e.g., Letters of Intent, Insurance, Bonds, and Contract Execution)**

Name \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

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**THIS SECTION TO BE COMPLETED BY NORTH CAROLINA DEPARTMENT OF  
TRANSPORTATION**

*This bid has been reviewed in accordance with Article 103-1 of the Standard Specifications for Roads and Structures 2012.*

*Reviewed by NCDOT* \_\_\_\_\_ *Date* \_\_\_\_\_

*Accepted by NCDOT* \_\_\_\_\_

**INCIDENTAL CONCRETE:**

(1-21-09)

DDC\_825

Incidental concrete construction shall be in accordance with Section 825 of the *Standard Specifications*, as modified below, and shall be at locations as directed.

Replace Article 825-11 in the *Standard Specifications* with the following:

*Incidental Concrete* will be measured and paid in square yards, measured along the surface of the completed and accepted work. Such price includes, but is not limited to, excavating and backfilling, sawing the existing adjacent concrete, furnishing and placing concrete, and constructing and sealing joints.

**Pay Item**

Incidental Concrete

**Pay Unit**

Square Yard

**REMOVE EXISTING CURB AND GUTTER****DESCRIPTION**

Break up, remove and satisfactorily dispose of Existing Curb and Gutter.

**PAVEMENT REMOVAL AND DISPOSAL**

Break up and remove the Existing Curb and Gutter for its entire depth. Dispose of all materials that cannot be used in the work in accordance with Section 802.

**MEASUREMENT AND PAYMENT**

**Remove Existing Curb and Gutter** will be measured and paid for in liner feet of Existing Curb and Gutter actually removed and disposed of properly. Removal of Existing Curb and Gutter will be measured by actual surface measurements of the Curb and Gutter prior to its removal.

Once the Existing Curb and Gutter is removed, all the work required to bring the pavement flush with existing asphalt pavement will be paid for under asphalt items elsewhere in the contract.

Payment will be made under:

**Pay Item**

Remove Existing Curb &amp; Gutter

**Pay Unit**

Liner Feet

**SAFETY FENCE AND JURISDICTIONAL FLAGGING:****Description**

*Safety Fence* shall consist of furnishing materials, installing and maintaining polyethylene or polypropylene fence along the outside riparian buffer, wetland, or water boundary, or other boundaries located within the construction corridor to mark the areas that have been approved to infringe within the buffer, wetland, endangered vegetation, culturally sensitive areas or water. The fence shall be installed prior to any land disturbing activities.

Interior boundaries for jurisdictional areas noted above shall be delineated by stakes and highly visible flagging.

Jurisdictional boundaries at staging areas, waste sites, or borrow pits, whether considered outside or interior boundaries shall be delineated by stakes and highly visible flagging.

**Materials**

## (A) Safety Fencing

Polyethylene or polypropylene fence shall be a highly visible preconstructed safety fence approved by the Engineer. The fence material shall have an ultraviolet coating.

Either wood posts or steel posts may be used. Wood posts shall be hardwood with a wedge or pencil tip at one end, and shall be at least 5 ft. in length with a minimum nominal 2" x 2" cross section. Steel posts shall be at least 5 ft. in length, and have a minimum weight of 0.85 lb/ft of length.

## (B) Boundary Flagging

Wooden stakes shall be 4 feet in length with a minimum nominal 3/4" x 1-3/4" cross section. The flagging shall be at least 1" in width. The flagging material shall be vinyl and shall be orange in color and highly visible.

**Construction Methods**

No additional clearing and grubbing is anticipated for the installation of this fence. The fence shall be erected to conform to the general contour of the ground.

## (A) Safety Fencing

Posts shall be set at a maximum spacing of 10 ft., maintained in a vertical position and hand set or set with a post driver. If hand set, all backfill material shall be thoroughly tamped. Wood posts may be sharpened to a dull point if power driven. Posts damaged by power driving shall be removed and replaced prior to final acceptance. The tops of all wood posts shall be cut at a 30-degree angle. The wood posts may, at the option of the Contractor, be cut at this angle either before or after the posts are erected.

The fence geotextile shall be attached to the wood posts with one 2" galvanized wire staple across each cable or to the steel posts with wire or other acceptable means.

Place construction stakes to establish the location of the safety fence in accordance with Article 105-9 or Article 801-1 of the *Standard Specifications*. No direct pay will be made for the staking of the safety fence. All stakeouts for safety fence shall be considered incidental to the work being paid for as "Construction Surveying", except that where there is no pay item for construction surveying, all safety fence stakeout will be performed by state forces.

The Contractor shall be required to maintain the safety fence in a satisfactory condition for the duration of the project as determined by the Engineer.

#### (B) Boundary Flagging

Boundary flagging delineation of interior boundaries shall consist of wooden stakes on 25 feet maximum intervals with highly visible orange flagging attached. Stakes shall be installed a minimum of 6" into the ground. Interior boundaries may be staked on a tangent that runs parallel to buffer but must not encroach on the buffer at any location. Interior boundaries of hand clearing shall be identified with a different colored flagging to distinguish it from mechanized clearing.

Boundary flagging delineation of interior boundaries will be placed in accordance with Article 105-9 or Article 801-1 of the *Standard Specifications*. No direct pay will be made for delineation of the interior boundaries. This delineation will be considered incidental to the work being paid for as *Construction Surveying*, except that where there is no pay item or construction surveying the cost of boundary flagging delineation shall be included in the unit prices bid for the various items in the contract. Installation for delineation of all jurisdictional boundaries at staging areas, waste sites, or borrow pits shall consist of wooden stakes on 25 feet maximum intervals with highly visible orange flagging attached. Stakes shall be installed a minimum of 6" into the ground. Additional flagging may be placed on overhanging vegetation to enhance visibility but does not substitute for installation of stakes.

Installation of boundary flagging for delineation of all jurisdictional boundaries at staging areas, waste sites, or borrow pits shall be performed in accordance with Subarticle 230-4(B)(3)(d) or Subarticle 802-2(F) of the *Standard Specifications*. No direct pay will be made for this delineation, as the cost of same shall be included in the unit prices bid for the various items in the contract.



The Contractor shall be required to maintain alternative stakes and highly visible flagging in a satisfactory condition for the duration of the project as determined by the Engineer.

### Measurement and Payment

*Safety Fence* will be measured and paid as the actual number of linear feet of polyethylene or polypropylene fence installed in place and accepted. Such payment will be full compensation including but not limited to furnishing and installing fence geotextile with necessary posts and post bracing, staples, tie wires, tools, equipment and incidentals necessary to complete this work.

Payment will be made under:

#### Pay Item

Safety Fence

#### Pay Unit

Linear Foot

### RESPONSE FOR EROSION CONTROL:

#### Description

Furnish the labor, materials, tools and equipment necessary to move personnel, equipment, and supplies to the project necessary for the pursuit of any or all of the following work as shown herein, by an approved subcontractor.

Section	Erosion Control Item	Unit
1605	Temporary Silt Fence	LF
1606	Special Sediment Control Fence	LF/TON
1615	Temporary Mulching	ACR
1620	Seed - Temporary Seeding	LB
1620	Fertilizer - Temporary Seeding	TN
1631	Matting for Erosion Control	SY
SP	Coir Fiber Mat	SY
1640	Coir Fiber Baffles	LF
SP	Permanent Soil Reinforcement Mat	SY
1660	Seeding and Mulching	ACR
1661	Seed - Repair Seeding	LB
1661	Fertilizer - Repair Seeding	TON
1662	Seed - Supplemental Seeding	LB
1665	Fertilizer Topdressing	TON

SP	Safety/Highly Visible Fencing	LF
SP	Response for Erosion Control	EA

**Construction Methods**

Provide an approved subcontractor who performs an erosion control action as described in the NPDES Inspection Form SPPP30. Each erosion control action may include one or more of the above work items.

**Measurement and Payment**

*Response for Erosion Control* will be measured and paid for by counting the actual number of times the subcontractor moves onto the project, including borrow and waste sites, and satisfactorily completes an erosion control action described in Form 1675. The provisions of Article 104-5 of the *Standard Specifications* will not apply to this item of work.

Payment will be made under:

**Pay Item**

Response for Erosion Control

**Pay Unit**

Each