



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

November 7, 2019

CONTRACT: 11925920
WBS ELEMENT: Various
COUNTY: Beaufort and Pitt
ROUTE: Various
DESCRIPTION: On-call Construction of Various Concrete Items in District 1

ADDENDUM 1

TO: PROSPECTIVE BIDDERS

Please note the following revisions to the proposal:

- Addition of Line Item 39, Temporary Silt Fence, and Line Item 40, Concrete Washout Structure.
- Additional Special Provision for Concrete Washout Structure.

Please see attached an updated page A1-A4

Please make sure to sign the addendum page in the proposal to acknowledge this addendum.

Sincerely,

DocuSigned by:

Mary Voelker Moore

714C11RGCEB64C6
Mary Voelker Moore, PE
Division Contract Engineer

cc: Mr. Jeremy Stroud, PE
Ms. Mary Beth Houston, PE
Mr. Jimmy Hawley
Mr. Jordan Davenport, PE
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**North Carolina Department of Transportation
BID FORM**

CONTRACT: 11925920
WBS ELEMENTS: To Be Determined
COUNTIES: Beaufort and Pitt
DESCRIPTION: On-Call Construction of Various Concrete Items

BID OPENING: WEDNESDAY, NOVEMBER 13, 2019

ITEM	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
1	SP	MOBILIZATION	10	EA		
2	SP	REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT	50	SY		
3	SP	REMOVE AND DISPOSE OF EXISTING CONC PAVEMENT	50	SY		
4	SP	REMOVE AND DISPOSE OF EXISTING CONC ISLANDS, SIDEWALK, DRIVEWAYS	100	SY		
5	SP	REMOVE AND DISPOSE OF EXISTING CONC CURB	100	LF		
6	SP	REMOVE AND DISPOSE OF EXISTING MASONRY DRAINAGE STRUCTURES	10	EA		
7	SP	INSTALL 15" – 18" FLEXIBLE PIPE (< 4FT TRENCH DEPTH)	100	LF		
8	SP	INSTALL 24" – 36" FLEXIBLE PIPE (< 4FT TRENCH DEPTH)	100	LF		
9	SP	INSTALL 15" – 18" RIGID PIPE (< 4FT TRENCH DEPTH)	100	LF		
10	SP	INSTALL 24" – 36" RIGID PIPE (< 4FT TRENCH DEPTH)	100	LF		
11	265	SELECT GRANULAR MATERIAL	40	CY		
12	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	25	TON		
13	340	PIPE REMOVAL	40	LF		
14	840	PIPE COLLARS	5	CY		
15	840	PIPE PLUGS	5	CY		
16	840	MASONRY DRAINAGE STRUCTURES	10	EA		
17	840	FRAME WITH GRATE, STD 840.**	10	EA		
18	840	FRAME WITH GRATE & HOOD, STD 840.03	10	EA		
19	840	FRAME WITH COVER, STD 840.54	2	EA		
20	846	8" X 18" CONCRETE CURB	100	LF		
21	846	2'-6" CONCRETE CURB & GUTTER (500 LF OR LESS)	250	LF		

22	846	2'-6" CONCRETE CURB & GUTTER (GREATER THAN 500 LF)	750	LF		
23	846	CONCRETE EXPRESSWAY GUTTER	50	LF		
24	846	CONCRETE VALLEY GUTTER	50	LF		
25	848	4" CONCRETE SIDEWALK	200	SY		
26	848	RETROFIT CONCRETE CURB RAMPS	25	EA		
27	848	CONCRETE CURB RAMPS	25	EA		
28	848	6" CONCRETE DRIVEWAY	200	SY		
29	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	200	SY		
30	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	200	SY		
31	SP	ADJUSTMENT OF EXISTING DRAINAGE STRUCTURE	5	EA		
32	SP	HIGH EARLY STRENGTH CONCRETE	200	CY		
33	SP	2-WAY, 2-LANE TRAFFIC CONTROL LANE CLOSURE	50	EA		
34	SP	MULTILANE TRAFFIC CONTROL LANE CLOSURE (<= 60 MPH)	10	EA		
35	SP	MULTILANE TRAFFIC CONTROL LANE CLOSURE (> 60 MPH)	10	EA		
36	SP	FLAGGERS	500	HRS		
37	SP	CHANGEABLE MESSAGE BOARD	10	DAY		
38	SP	ARROW PANEL	10	DAY		
39	SP	TEMPORARY SILT FENCE	500	LF		
40	SP	CONCRETE WASHOUT STRUCTURE	12	EA		

THE CONTRACTOR SHALL NOTE THAT THE CONTRACT QUANTITIES PROVIDED ARE USED SOLELY FOR DETERMINING THE LOWEST RESPONSIBLE BIDDER. NO MINIMUM AMOUNT OF WORK IS GUARANTEED UNDER THIS CONTRACT.

TOTAL BID FOR PROJECT: _____

CONCRETE WASHOUT STRUCTURE:

(01-03-19)

Description

Concrete washout structures are enclosures above or below grade to contain concrete waste water and associated concrete mix from washing out ready-mix trucks, drums, pumps, or other equipment. Concrete washouts must collect and retain all the concrete washout water and solids, so that this material does not migrate to surface waters or into the ground water. These enclosures are not intended for concrete waste not associated with wash out operations.

The concrete washout structure may include constructed devices above or below ground and or commercially available devices designed specifically to capture concrete wash water.

Materials

Item	Section
Temporary Silt Fence	1605

Safety Fence shall meet the specifications as provided elsewhere in this contract.

Geomembrane basin liner shall meet the following minimum physical properties for low permeability; it shall consist of a polypropylene or polyethylene 10 mil thick geomembrane. If the minimum setback dimensions can be achieved the liner is not required. (5 feet above groundwater, 50 feet from top of bank of perennial stream, other surface water body, or wetland.)

Construction Methods

Build an enclosed earthen berm or excavate to form an enclosure in accordance with the details and as directed.

Install temporary silt fence around the perimeter of the enclosure in accordance with the details and as directed if structure is not located in an area where existing erosion and sedimentation control devices are capable to containing any loss of sediment.

Post a sign with the words "Concrete Washout" in close proximity of the concrete washout area, so it is clearly visible to site personnel. Install safety fence as directed for visibility to construction traffic.

The construction details for the above grade and below grade concrete washout structures can be found on the following web page link:

<https://connect.ncdot.gov/resources/roadside/SoilWaterDocuments/ConcreteWashoutStructuredetail.pdf>

Alternate details for accommodating concrete washout may be submitted for review and approval.

The alternate details shall include the method used to retain and dispose of the concrete waste water within the project limits and in accordance with the minimum setback requirements. (5 feet above groundwater, 50 feet from top of bank of perennial stream, other surface water body, or wetland.)

Maintenance and Removal

Maintain the concrete washout structure(s) to provide adequate holding capacity plus a minimum freeboard of 12 inches. Remove and dispose of hardened concrete and return the structure to a functional condition after reaching 75% capacity.

Inspect concrete washout structures for damage and maintain for effectiveness.

Remove the concrete washout structures and sign upon project completion. Grade the earth material to match the existing contours and permanently seed and mulch area.

Measurement and Payment

Concrete Washout Structure will be paid for per each enclosure installed in accordance with the details. If alternate details are approved then those details will also be paid for per each approved and installed device.

Temporary Silt Fence will be measured and paid for in accordance with Article 1605-5 of the *Standard Specifications*.

No measurement will be made for other items or for over excavation or stockpiling.

Payment will be made under:

Pay Item	Pay Unit
Concrete Washout Structure	Each