



STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
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**VIA WEBSITE POSTING**

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January 15, 2016

Contract No. T201207101.01  
Federal Aid Project No. EBRN-N159(2)  
BR 1-159 On James Street Over Christina River  
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 2 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. One (1) page, Table of Contents, page v, revised, to be substituted for the same page in the Proposal.
3. One (1) page, Special Provision 202560-Contaminated Material, page 42A and 42B, have been added to the Proposal.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

*signature on file*

James H. Hoagland  
Contract Services Administrator

:jhh  
Enclosure

# STATE OF DELAWARE



## DEPARTMENT OF TRANSPORTATION

### BID PROPOSAL

for

### CONTRACT T201207101.01

FEDERAL AID PROJECT NO. EBRN-N159(2)

**BR 1-159 ON JAMES STREET OVER CHRISTINA RIVER**

NEW CASTLE COUNTY

ADVERTISEMENT DATE: December 28, 2015

**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING  
MONDAY, JANUARY 11, 2016 AT 2:00 P.M. IN THE DeIDOT ADMINISTRATION BUILDING,  
800 BAY ROAD, DOVER, DELAWARE, 19903.**

COMPLETION TIME: 544 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION  
DELAWARE DEPARTMENT OF TRANSPORTATION  
AUGUST 2001

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time **January 26, 2016**

TABLE OF CONTENTS

<b>GENERAL DESCRIPTION</b> .....	<u><a href="#">i</a></u>
LOCATION .....	<u><a href="#">i</a></u>
DESCRIPTION .....	<u><a href="#">i</a></u>
COMPLETION TIME .....	<u><a href="#">i</a></u>
PROSPECTIVE BIDDERS NOTES .....	<u><a href="#">i</a></u>
CONSTRUCTION ITEMS UNITS OF MEASURE .....	<u><a href="#">iii</a></u>
<b>GENERAL NOTICES</b> .....	<u><a href="#">1</a></u>
SPECIFICATIONS .....	<u><a href="#">1</a></u>
CLARIFICATIONS .....	<u><a href="#">1</a></u>
ATTESTING TO NON-COLLUSION .....	<u><a href="#">1</a></u>
QUANTITIES .....	<u><a href="#">1</a></u>
PREFERENCE FOR DELAWARE LABOR .....	<u><a href="#">1</a></u>
EQUALITY OF EMPLOYMENT OPPORTUNITY ON PUBLIC WORKS .....	<u><a href="#">1</a></u>
TAX CLEARANCE .....	<u><a href="#">2</a></u>
LICENSE .....	<u><a href="#">2</a></u>
DIFFERING SITE CONDITIONS .....	<u><a href="#">2</a></u>
CONFLICT WITH FEDERAL STATUTES OR REGULATIONS .....	<u><a href="#">3</a></u>
FEDERAL LABOR AND EMPLOYMENT REQUIREMENTS .....	<u><a href="#">3</a></u>
CONVICT PRODUCED MATERIALS: .....	<u><a href="#">3</a></u>
TO REPORT BID RIGGING ACTIVITIES .....	<u><a href="#">4</a></u>
NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION .....	<u><a href="#">5</a></u>
STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY .....	<u><a href="#">6</a></u>
TRAINING SPECIAL PROVISIONS .....	<u><a href="#">9</a></u>
INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT .....	<u><a href="#">10</a></u>
DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM SPECIFICATION .....	<u><a href="#">10</a></u>
CRITICAL DBE REQUIREMENTS .....	<u><a href="#">12</a></u>
GUIDANCE FOR GOOD FAITH EFFORT .....	<u><a href="#">13</a></u>
<b>REQUIRED CONTRACT PROVISIONS - FEDERAL-AID CONSTRUCTION CONTRACTS</b> . . .	<u><a href="#">15</a></u>
I. GENERAL .....	<u><a href="#">15</a></u>
II. NONDISCRIMINATION .....	<u><a href="#">15</a></u>
III. NONSEGREGATED FACILITIES .....	<u><a href="#">19</a></u>
IV. DAVIS-BACON AND RELATED ACT PROVISIONS .....	<u><a href="#">19</a></u>
V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT .....	<u><a href="#">24</a></u>
VI. SUBLETTING OR ASSIGNING THE CONTRACT .....	<u><a href="#">25</a></u>
VII. SAFETY: ACCIDENT PREVENTION .....	<u><a href="#">25</a></u>
VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS .....	<u><a href="#">26</a></u>
IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION .....	<u><a href="#">26</a></u>
X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY . . .	<u><a href="#">27</a></u>
XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING . . .	<u><a href="#">30</a></u>
APPENDICES TO THE TITLE VI ASSURANCE .....	<u><a href="#">30</a></u>
<b>PREVAILING WAGES</b> .....	<u><a href="#">32</a></u>
PREVAILING WAGE REQUIREMENTS .....	<u><a href="#">32</a></u>
APPLICABILITY OF DAVIS-BACON LABOR STANDARD PROVISIONS TO FLAGGER .....	<u><a href="#">36</a></u>
ALL AGENCY MEMORANDUM NO. 130 .....	<u><a href="#">36</a></u>
<b>SUPPLEMENTAL SPECIFICATIONS</b> .....	<u><a href="#">38</a></u>
<b>SPECIAL PROVISIONS</b> .....	<u><a href="#">39</a></u>
CONSTRUCTION ITEM NUMBERS .....	<u><a href="#">40</a></u>
401502 - ASPHALT CEMENT COST ADJUSTMENT .....	<u><a href="#">41</a></u>
202510 - TEMPORARY COMPOSITE MATTING .....	<u><a href="#">42</a></u>
202560 - CONTAMINATED MATERIAL.....	<u><a href="#">42A</a></u>
207501 - SHEETING AND SHORING .....	<u><a href="#">43</a></u>
209511 - LIGHTWEIGHT AGGREGATE FILL .....	<u><a href="#">44</a></u>
211508 - VIDEOTAPING BUILDINGS .....	<u><a href="#">46</a></u>
211550 - DEMOLITION OF EXISTING BRIDGE .....	<u><a href="#">47</a></u>
302514 - MILLED HOT-MIX BASE COURSE .....	<u><a href="#">49</a></u>

## **202560 - CONTAMINATED MATERIAL**

### **Description:**

Contaminated Material is defined as solids or liquids (including soil) potentially contaminated with a hazardous substance, requiring special handling and/or disposal per state or federal regulation.

This work describes the excavation, removal and treatment/disposal of contaminated materials resulting from project construction including utility and other types of excavation activities in accordance with the locations and notes on the Plans, and as directed by the Engineer or the Department's environmental representative. The Contractor will be notified of the Department's environmental representative at the pre-construction meeting.

### **Overview of Costs:**

Potential contaminated solids may affect contractor's costs as follows;

Additional cost to normal excavation requirements:

- Cost of 8 mil plastic for placement under and over solid contaminated material,
- Maintaining the segregated contaminated solids staging area.

Reduced cost to normal excavation requirements:

- Not required to, or charged for, transport of contaminated material from site.
- Not required to, or charged for, disposal of contaminated soil.

Potential contaminated liquids will affect contractor's cost as follows;

Additional cost to normal excavation requirements:

-None

Reduced cost to normal excavation requirements:

-None

### **Construction Methods and Responsibilities:**

Contractor's Responsibilities for potential contaminated solids:

The Contractor shall be responsible for providing the appropriate equipment and personnel necessary to excavate, stage, and load contaminated material for off-site disposal, as identified from previous site environmental investigations or identified during construction activities. The work will be performed in accordance with the procedures described in the site specific "Contaminated Material and Water Removal Work Plan" prepared by the Department's environmental representative. The Department will provide a copy of this plan after the project is awarded and before any work begins. The Contractor shall adhere to applicable Occupational Safety and Health standards, Guidelines and/or Laws. This will include compliance with 29 CFR Part 1910.

After award of the Contract, the Contractor shall immediately be responsible for notifying the Department's HAZMAT Program Manager's office (760-2463) for scheduling coordination with the environmental representative. The contractor shall submit a proposed schedule of work to the Department for review and approval prior to any commencement of work on this site. The Contractor is required to perform to a high standard of workmanship to assure protection of workers, local water supplies, and the environment. The Contractor shall coordinate with the utility companies prior to excavation. The Department's environmental representative shall be present during all phases of work associated with the excavation and removal of potentially contaminated material. Payment will not be made for any work done when a Department approved Inspector or environmental representative is not present to provide environmental oversight.

Specific tasks to be performed by the Contractor will include excavating soil per the project specifications. The Contractor will segregate "contaminated" soil as designated by the Department or their environmental representative, from "clean" soil and place the "contaminated" soil in a designated on-site staging area constructed by the Contractor. At a minimum the staging area needs to be lined with 8-mil plastic and a berm constructed to minimize storm water run-off. The "contaminated" soil will need to be covered by the Contractor at the end of each work day. The Contractor will be responsible for loading contaminated soil onto trucks arranged by the Department's environmental representative on the days the contaminated soil is

shipped off-site to a licensed disposal/treatment facility. The Contractor will backfill and compact the excavated area(s) according to the project specifications and payment will be made under that item of the Contract.

**Department's Responsibilities:**

The Department is responsible for providing and paying; the environmental representative; the transportation of contaminated material for disposal; and the disposal of contaminated material.

The "Contaminated Material and Water Removal Work Plan" will identify; the procedures to be used to excavate and stage the contaminated material; the licensed treatment/disposal facility where the Department will ship the contaminated material; the method the material will be transported to the treatment/disposal facility; and any additional health and safety requirements for site personnel.

The Department's environmental representative will conduct a health and safety briefing prior to commencement of activities on the sites to insure an understanding of all applicable standards, guidelines, laws, procedures, etc. consistent with the successful completion of this type of activity. The Department's environmental representative will conduct air monitoring during any excavation activities at the site to identify and mitigate fire, explosion and vapor hazards.

The Department's environmental representative shall coordinate the excavation activities with all applicable local, state, and federal environmental regulatory agencies. The Department's environmental representative will also oversee the excavation, removal and treatment/disposal of the material in the designated area(s) and perform such tests as field screening for soil contamination utilizing vapor monitoring techniques and collect soil samples for laboratory analysis to meet the requirements of the treatment/disposal facility, DNREC and/or the USEPA. The Department's environmental representative's personnel will subcontract with the disposal/treatment facility to provide transportation and disposal/treatment of all contaminated materials to be removed as part of the project. The Department's environmental representative is responsible for measuring the quantity of contaminated material removed, via certified scale weights, for the Department's records.

**Method of Measurement:**

The quantity of contaminated material will not be measured. It will be included in the excavation quantity.

**Basis of Payment:**

No additional payment will be made for the handling of contaminated material included in the excavation quantities. Contractor's costs for handling contaminated material as described herein are to be included in the standard excavation pay items included in this contract, and will constitute full compensation for excavation, constructing and maintaining the segregated soil staging area, placement of the contaminated soil in the staging area, providing plastic and daily covering of the segregated soil staging area, and loading of contaminated soil for removal by the Department.

This item is a contingency item and the Department reserves the right to delete from the Contract. The Contractor shall make no claims for additional compensation because of deletion of the item.

04/04/2014