



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
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DOVER, DELAWARE 19903

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GOVERNOR

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VIA WEBSITE POSTING

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October 8, 2015

Contract No. T200911308.01
Federal Aid Project No. NH-2015(24)
US 301, SR 896 TO US 1
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 3 for the referenced contract consisting of the following:

1. One (1) page, Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. One (1) page, Prospective Bidders Notes, page ix, revised, to be substituted for the same page in the Proposal and one (1), page ix-A, new, to be added to the Proposal. Paragraphs 38 and 39 have been added.
3. Three (3) pages, Special Provisions, 763626 - Diesel Fuel Cost Price Adjustment, pages 313 through 315, revised, to be substituted for the same pages in the Proposal.

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

Sincerely,

signature on file

James H. Hoagland
Contract Services Administrator

:jhh
Enclosures

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T200911308.01

FEDERAL AID PROJECT NO. NH-2015(24)

US 301, SR 896 TO SR 1

NEW CASTLE COUNTY

ADVERTISEMENT DATE: August 31, 2015

COMPLETION TIME: 1,230 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 October 13, 2015

734555	908506	TEMPORARY VEGETATIVE STABILIZATION, MARYLAND
734556	908507	PERMANENT VEGETATIVE STABILIZATION, MARYLAND
734557	908508	RIPARIAN SEED MIX, STREAM RESTORATION
735535	908020	EROSION CONTROL BLANKET MULCH
735536	908021	TURF REINFORCEMENT MATTING, TYPE I
735537	908022	TURF REINFORCEMENT MATTING, TYPE II
735538	908504	COIR FIBER MATTING
735542	908509	FABRIC ENCAPSULATED SOIL LIFT
737503	In 2A for Levels Site	BEDDING FOR REFORESTATION

35. Upon execution of the contract, the Department will provide the Contractor with .pdf files of the awarded Contract Plans and Special Provisions. The Contractor shall be responsible for making all printed copies of these documents for his use and the use of his subcontractors. In the case of any plan revisions that the Department may issue, the Department will provide the Contractor up to five (5) full size sets and five (5) half size sets of the revised plans and specifications. The Department shall also provide the Contractor .pdf files of the revised plans and specifications and the Contractor shall be responsible for making any additional printed copies for his use and the use of his subcontractors.
36. The Contractor shall name the following as an Additional Insured on all insurance certificates: "United States Department of Transportation, acting by and through the Federal Highway Administration - TIFIA Lender". The Department will also be sharing copies of the final executed contract documents with the Federal Highway Administration - TIFIA Lender.
37. Under Item 763501 Construction Engineering, Machine Control Grading, the Contractor shall provide the Engineer a total of three (3) Rovers. Each Rover shall be of the same manufacture as the Contractor's base station, shall be dual frequency, and shall be provided with: a survey program that has the baselines of construction pre-loaded; a two (2) meter fixed height rover pole; and a clamp to affix the survey controller to the Rover pole. The contractor will be responsible for localizing each Rover on the job specific control points. The automatic level to be provided by the Contractor shall be an automatic (self-leveling) level with a minimum 25X magnification. The Contractor shall also provide a tripod for the automatic level which shall be of wood or wood and fiberglass construction (aluminum legs will not be accepted) and a 25 foot fiberglass survey rod, graduated in tenths and hundredths of a foot.
38. Delete the last paragraph of Standard Specification Section 602.20 (b) and replace with the following:

After the concrete has cured, test the surfaces of all decks, approach slabs, and transition slabs for smoothness using an Inertial Profiler. Testing and corrective work shall conform to the requirements of Special Provision Section 501.14, Pavement Smoothness Testing. Seal or repair any cracks in the decks, approach slabs, or transition slabs which occur prior to opening to traffic, in a manner approved by the Engineer at no cost to the Department. Sound the riding surfaces, then remove and replace any delaminated areas in a manner approved by the Engineer at no cost to the Department.
39. Delete Standard Specification Section 602.20 (c) and replace with the following:

Texturing. Texture bridge deck, approach slab, and transition slab surfaces by first dragging a fabric over the final screeded concrete and then by sawing longitudinal grooves in the cured concrete. After final screeding of the surface, drag multiple-ply damp fabric over the surface to provide a gritty texture. After the bridge deck or approach slab has been cured and attained at least 75% of the 28-day design compressive strength, saw uniformly pronounced grooves parallel to the centerlines without damaging the concrete deck surface. Complete a longitudinal grooving operation that results in a uniformly grooved deck surface.

Saw grooves approximately $1/8" + 0", - 1/16"$ wide, $3/16" \pm 1/16"$ deep, and on $3/4" \pm 1/16"$ (nominal) centers. Terminate grooves $18" \pm 1"$ from the face of the parapet or curb line. If metal drainage inlets extend more than 18" from the parapet or curb line, all grooves on the bridge deck surface are to end within 6" of the drainage inlet perimeter. At skewed metal edged expansion joints, end all grooves within 6" of the joint leaving no ungrooved surface adjacent to each side of the joint greater than 6" in width on the deck side of the expansion joints. Produce grooves that are continuous across construction joints or other joints in the concrete deck surface less than $1/2"$ wide. Do not saw grooves for a width of 10 inches, ± 1 inch at locations of permanent striping lines in order to provide a smooth surface for placement of permanent roadway striping. Perform continuous removal of all waste materials, including slurry, resulting from the grooving operations in accordance with Standard Specification subsections 106.09 and 110.17, leaving all surfaces in a washed and clean condition.

-end-

763626 - DIESEL FUEL COST PRICE ADJUSTMENT

I. Description: This section defines the criteria for payments to the Contractor to reflect increases or decreases in the cost of diesel fuel consumed in the performance of applicable construction work. To have the Diesel Fuel Cost Price Adjustment provisions apply to this project, a properly completed Diesel Fuel Cost Price Adjustment Option form must be submitted to the Department with the Bidder's bid proposal. If a properly completed Diesel Fuel Cost Price Adjustment Option form is not provided by the bidder, the Department will consider the option to apply the Diesel Fuel Cost Price Adjustment provisions for the project to be declined. No further opportunity to elect Diesel Fuel Cost Price Adjustment for the project will be made available.

a. General. These price adjustment provisions apply to contract items in the contract schedule of prices as grouped by category. Specific pay items to be adjusted are attached as an appendix to this Special Provision. General category descriptions and the fuel usage factors which are applicable to each are as follows:

1. Categories

- 1.a. Category A:** Earthwork. The combined total of the applicable item plan quantities must exceed 5,000 CY.
- 1.b. Category B:** Subbase and Aggregate Base Courses. The combined total of the applicable item plan quantities must exceed 500 tons.
- 1.c. Category C:** Flexible Bases and Pavements. The combined total of the applicable item plan quantities must exceed 500 tons.
- 1.d. Category D:** Rigid Bases and Pavements. The combined total of the applicable item plan quantities must exceed 5,000 CY.
- 1.e. Category E:** Structures. Contract items will be based upon the total square foot price for each structure including any associated items of work, i.e. items not grouped under Categories A thru D.

2. Diesel Fuel Usage Factors – ENGLISH UNITS

Category	Factor	Units
A – Earthwork	0.34	Gallons per CY
B – Subbase and Aggregate Base Courses	0.62	Gallons per ton
C – Flexible Bases & Pavements	2.98	Gallons per ton
D – Rigid Bases & Pavements	0.98	Gallons per CY
E – Structures	8.00	Gallons per \$1,000 of work performed

3. Quantity Conversion Factors – ENGLISH UNITS

Category	Conversion	Factor
B	SY to ton	90 lbs/Inch of depth/SY
C	SY to ton	112.5 lbs/Inch of depth/SY
D	SY to CY	Inches of depth/36

II. The posted index price will be the monthly price from the most recent data published by the U.S. Department of Energy, U.S. Energy Information Administration. The source information for the posted price for Central Atlantic (PADD 1B) No 2 Diesel Ultra Low Sulfur (0-15 ppm) Retail Prices (Dollars per Gallon) may be viewed at the following website:

http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=EMD_EPD2DXL0_PTE_R1Y_DPG&f=M

The release date for the U.S. Department of Energy, U.S. Energy Information Administration average price data occurs the first Monday of the following month, i.e. October prices are released the first Monday of November and used as the November Price Index. **The applicable U.S. Department of Energy diesel fuel price is posted on the first Monday of the month.**

The **Base Price Index**, FB, is the index price posted by the Department, determined as specified above, on the project advertisement date.

BASE PRICE INDEX (FB) FOR DIESEL FUEL

PER GALLON = \$

The price index **for adjustment**, FP, will be the index price posted by the Department, determined as specified above, for the month during which the Notice to Proceed (NTP) is issued, and **the month that contains the first day of every 90 calendar days period** thereafter.

III. Price Adjustment Criteria and Conditions. The following criteria and conditions will be considered in determining a price adjustment for diesel fuel cost fluctuations.

- a. Price Adjustment Calculation. When the ratio FP/FB is calculated to be less than 0.95 or calculated to be greater than 1.05, the Department will adjust unit bid price prices in accordance with the following formula:

$$AUP = (FP-FB)(F)+(UBP)$$

where:

AUP = Adjusted Unit Price

FP = Fuel Price Index for the month in which prices are adjusted for applicable construction work.

FB = Fuel Price Index in the Bid Proposal

F = Diesel Fuel Usage Factor (**See above chart in section 1.2 for usage factors**)

UBP = Unit Bid Price specified in the Contractor's Bid Proposal

- b. Payment of Adjusted Unit Prices. The unit bid prices of work items affected by the fuel escalation will be adjusted by ~~work~~ change order, either up or down, at Notice to Proceed and every 90 Calendar Days thereafter.

The affected items will be calculated using the Diesel Fuel Price Index posted for the month in which the first day of the 90 day period falls. The Diesel Fuel Price Index will be used for all the affected items performed during the 90 day period.

Every 90 days, the newly posted Diesel Fuel Price Index will be used to calculate the adjustment for the items performed the next 90 days.

- c. Expiration of Contract Time. If the Contractor exceeds the authorized allotted completion time, the adjusted item prices on the last authorized allotted work day shall be the prices used during the time liquidated damages are assessed. However, if the posted price for diesel fuel goes down, the item prices shall be adjusted downward accordingly
- d. Final Quantities. Upon completion of the work and determination of final pay quantities, an adjusting work order will be prepared to reconcile any difference between estimated quantities previously paid and the final quantities. In this situation, the value for FP used in the price adjustment formula will be the average of all FP's previously used for computing price adjustments.
- e. Inspection of Records. The Department reserves the right to inspect the records of the prime contractor and its subcontractors and material suppliers to ascertain actual pricing and cost information for the diesel fuel used in the performance of applicable items of work.

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- f. Extra Work. When applicable items of work, as specified herein, are added to the contract as Extra Work in accordance with the provisions of Section 110.03, no price adjustment will be made for fluctuations in the cost of diesel fuel consumed in the performance of the extra work, unless otherwise approved by the Engineer. The current price for diesel fuel is to be used when preparing required backup data for extra work to be performed at a negotiated price. For extra work performed on force account basis, reimbursement for material and equipment along with specified overhead and profit markups will be considered to include full compensation for the current cost of diesel fuel.

- g. Subcontractors. Any Price Increases or Price Rebates that are calculated based on items of work performed by subcontractors will be added to or deducted from payments due to the Contractor in the appropriate pay period. The Contractor shall then accurately record on the appropriate CN-91 or CN-103 form the additions or deductions into adjusted contract value. The Contractor shall make payment to the subcontractor(s) who actually performed the work in accordance with DelCode Title 17, Chapter 8.

~~11/10/11~~ 10/8/15