# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



#### **DIVISION FIVE**

# CONTRACT PROPOSAL SMALL BUSINESS ENTERPRISE

**WORK ORDER NUMBERS:** Various

**ROUTE:** Various

COUNTIES: Durham, Franklin, Granville, Person, Vance, Warren and Wake

**DESCRIPTION:** Annual Needs for Traffic Control Crews in Division 5

BID OPENING: 2:00 p.m., Wednesday, October 8, 2014

#### 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. THESE LAWS REQUIRE THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR GENERAL 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. NOT WITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING, REGARDLESS OF FUNDING SOURCES.

NAME OF BIDDER

N.C. CONTRACTOR'S LICENSE NUMBER

ADDRESS OF BIDDER

### **RETURN BIDS TO:**

DIVISION ENGINEER
ATTENTION: Michael J. Kneis, PE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2612 NORTH DUKE STREET
DURHAM. NC 27704

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AWARD LIMITS ON MULTIPLE PROJECTS
NON COLLUSION AFFIDAVIT
PURCHASE ORDER CONTRACT BID FORM



# **INSTRUCTIONS TO BIDDERS**

# PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE PREPARING AND SUBMITTING YOUR BID.

All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement shall cause the bid to be considered irregular and shall be grounds for rejection of the bid. Bidders must be prequalified for the type of work they wish to perform prior to submitting a bid.

- 1. The bid sheet furnished by NCDOT with the proposal shall be used and shall not be altered in any manner. DO NOT SEPARATE THE BID SHEET FROM THE PROPOSAL!
- 2. All entries on the bid sheet, including signatures, shall be written in ink.
- **3.** The Bidder shall submit a unit price for every item on the bid form. The unit prices for the various contract items shall be written in figures.
- **4.** An amount bid shall be entered on the bid sheet for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount Bid" column of the sheet.
- **5.** The total amount bid shall be written in figures in the proper place on the bid sheet. The total amount shall be determined by adding the amounts bid for each item.
- **6.** Changes in any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink.
- 7. The bid shall be properly executed. All bids shall show the following information:
  - a. Name of individual, firm, corporation, partnership, or joint venture submitting bid.
  - b. Name of individual or representative submitting bid and position or title.
  - c. Name, signature, and position or title of witness.
  - d. Federal Identification Number (or Social Security Number of Individual)
  - e. Contractor's License Number (if Applicable)
- **8.** Bids submitted by corporations shall bear the seal of the corporation.
- 9. The bid shall not contain any unauthorized additions, deletions, or conditional bids.
- **10.** The bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 11. THE PROPOSAL WITH THE BID SHEET STILL ATTACHED SHALL BE PLACED IN A SEALED ENVELOPE AND SHALL HAVE BEEN DELIVERED TO AND RECEIVED IN THE DIVISION ENGINEER'S OFFICE AT 2612 North Duke Street Durham, NC 27704 BY 2:00 p.m., on Wednesday, October 8, 2014.
- 12. The sealed bid must display the following statement on the front of the sealed envelope:

Quotation for Annual Needs for Traffic Control Crews in Division Five to be opened at 2:00 p.m., on Wednesday, October 8, 2014.

**13.** If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

Division Engineer
North Carolina Department Of Transportation
ATTENTION: Michael J. Kneis, PE
2612 North Duke Street
Durham, NC 27704

#### AWARD OF CONTRACT

The award of the contract, if it be awarded, will be made to the lowest responsible Bidder in accordance with Section 102 (excluding 102-10) of the Standard Specifications for Roads and Structures 2012. The lowest responsible will be notified that his bid has been accepted and that he has been awarded the contract. NCDOT reserves the right to reject all bids.

# **PURCHASE ORDER CONTRACT**

# **Standard Provisions**

#### GENERAL

This contract is a Small Business Contract to provide traffic control crews for annual needs in Division Five (Durham, Franklin, Granville, Person, Vance, Wake and Warren Counties). The Contractor will be responsible for providing flaggers with a truck/trailer, pilot truck with driver, radios and traffic control devices.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the North Carolina Department of Transportation Standard Specifications for Roads and Structures 2012, the North Carolina Department of Transportation 2012 Roadway Standards Drawings, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD), with the exception that bid bonds are *not* required.

### The quantities stated in the Bid Form are estimates and are not guaranteed.

The Contractor shall keep himself fully informed of all Federal, State and local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the <u>Standard Specifications</u>.

This contract shall be bid by certified small business contractors only who are prequalified for the type of work they wish to perform.

#### SMALL BUSINESS ENTERPRISE PROGRAM

To be eligible to bid on a project advertised under the Small Business Enterprise (SBE) Program, a business must have an annual gross income of \$1,500,000 or less, excluding materials. Bidders must be certified as an SBE contractor prior to bidding on an SBE project. Certification requirements may be found at:

http://www.ncdot.org/business/ocs/sbe/. SBE contracts are limited to \$500,000.

#### NON-EXCLUSIVE CONTRACT

The Department may, as it deems to be in the best interest of the State and the Department of Transportation, execute more than one contract based on this proposal. The Contractor(s) understands and agrees, by signature on the Purchase Order Contract Bid Form, that this agreement <u>does not</u> constitute an exclusive contract. If awarded, the contracts will be executed with the lowest responsible bidders. The Department of Transportation reserves the right to make multiple awards for the services provided by this contract. Furthermore, the Department reserves the right to reject all bids received.

# CONTRACT TIME AND LIQUIDATED DAMAGES

The date of availability for this project is November 1, 2014. The Contractor may NOT begin work prior to this date. If the Contractor begins work prior to the date of availability, the Department of Transportation will assume no responsibility for any delays caused prior to the date of availability by any reason whatsoever, and such delays, if any, will not constitute a valid reason for extending the completion date.

No work will be permitted and no purchase order will be issued until all required prerequisite conditions and certifications have been satisfied.

The completion date for this project is October 31, 2015 or at the limit of \$500,000 dollars per year. The Contractor shall submit his bid for one year.

#### TERM OF THE CONTRACT

The Contractor shall submit his bid for one year. At the option of the Department, this contract may be extended for two (2) additional periods of one (1) year each (maximum) three year total). The year for the renewal periods shall begin November 1 and end October 31 of the following year. No changes in the terms, conditions, etc. of this contract will be made when an extension to the contract is implemented. The Engineer will notify the Contractor in writing by August 15 if the contract may be extended. The Contractor must notify the Engineer in writing by September 1 of his acceptance or rejection of this offer. Failure on the part of the Contractor to reply will be received as a rejection of contract extension.

# INTERMEDIATE CONTRACT TIME NUMBER (1) AND LIQUIDATED DAMAGES

The Contractor, as directed by the Engineer, will have to provide traffic control crews for NCDOT. The Engineer or Duly authorized representative will notify the Contractor when traffic control services are required. This notification will occur a minimum of **24 hours** in advance of services being required. When notified, the Contractor will report to the designated job site with the required personnel and equipment. The Contractor must report for work no later than the time designated on the day that his services are needed. Failure to do so will result in the assessment of liquidated damages.

The time of availability for this intermediate contract time will be the day and time that the Contractor receives notification to provide the traffic control crew.

The completion for this intermediate contract time will be the **day** and **time** that the Contractor's traffic control crew has been instructed to report to the work site.

In the event that the Contractor fails to respond to a request for traffic control crews, liquidated damages of Fifty Dollars (\$50.00) per fifteen minutes will be assessed to the Contractor for each fifteen minutes, or portion thereof, that the Contractor has failed to report to the work site.

Liquidated damages for this contract are Fifty Dollars (\$50.00) per fifteen minutes, or portion thereof.

### **AUTHORITY OF THE ENGINEER**

The Engineer for this project shall be the Division Engineer, Division 5, Division of Highways, North Carolina Department of Transportation, acting directly or through his duly authorized representatives.

The Engineer will decide all questions which may arise as to the quality and acceptability of work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the contract; and all questions as to the acceptable fulfillment of the contract on the part of the Contractor. His decision shall be final and he

shall have executive authority to enforce and make effective such decisions and orders as the Contractor fails to carry out promptly.

# TRAFFIC CONTROL AND WORK ZONE SAFETY

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Traffic Control Plans, the Project Special Provisions, North Carolina Department of Transportation Standard Specifications for Roads and Structures 2006, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

Traffic movements through lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

All personnel when working in traffic areas or areas in close proximity to traffic shall wear an approved safety vest, or shirt or jacket which meets the color requirements of the <u>Manual of Uniform Traffic Control Devices</u> (MUTCD).

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in Subarticle 108-7(2) of the <u>Standard Specifications</u>.

The Contractor's vehicles and equipment shall not be parked within the State Highway System right of way overnight or at other times when work has been suspended unless approved by the Engineer, and in no case within 30 feet of the edge of pavement. The Engineer may designate specific locations for parking equipment.

Payment will be made for the signing and traffic control item(s) that have been included in the contract. No direct payment will be made for providing other signing and traffic control item(s), as the cost of same will be considered incidental to the work being paid for under those various signing and traffic control item(s) that have been included unless stated otherwise.

#### SAFETY VESTS

All Contractors' personnel, all subcontractors and their personnel, and any material suppliers and their personnel must wear an OSHA approved reflective vest or outer garment at all times while on the project.

#### PROSECUTION AND PROGRESS

The Contractor shall pursue the work diligently with workmen in sufficient numbers, abilities, and supervision, and with equipment, materials, and methods of construction as may be required to complete the work described in the contract by the completion date and in accordance with Section 108 of the Standard Specifications

The Contractor's vehicles and equipment shall not be parked within the State Highway System right of way overnight or at other times when work has been suspended unless approved by the Engineer, and in no case within 30 feet of the edge of pavement. The Engineer may designate specific locations for parking equipment.

### SUPERVISION BY CONTRACTOR

At all times during the life of the project the Contractor shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project and who shall be personally available at the work site within 24 hours notice. Such employee shall be fully authorized to conduct all business with the subcontractors, to negotiate and execute all supplemental agreements, and to execute the orders or directions of the Engineer.

At all times that work is actually being performed, the Contractor shall have present on the project one competent individual who is authorized to act in a supervisory capacity over all work on the project, including work subcontracted. The individual who has been so authorized shall be experienced in the type of work being performed and shall be fully capable of managing, directing, and coordinating the work; of reading and thoroughly understanding the contract; and receiving and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor unless otherwise approved by the Engineer.

The Contractor may, at his option, designate one employee to meet the requirements of both positions. However, whenever the designated employee is absent from the work site, an authorized individual qualified to act in a supervisory capacity on the project shall be present.

# CONTRACT PAYMENT AND PERFORMANCE BOND

Due to the nature of this project, no performance or payments bonds will be required.

#### LIABILITY INSURANCE

The Contractor shall provide liability insurance conforming to the requirements of Article of 107-15 of the <u>Standard Specifications</u>.

#### **WORKERS' COMPENSATION INSURANCE**

Pursuant to N.C.G.S. § 97-19, all contractors of the Department of Transportation are required, prior to beginning services, to show proof of coverage issued by a workers' compensation insurance carrier, or a certificate of compliance issued by the Department

of Insurance for self-insured subcontractors stating that it has complied with N.C.G.S. § 97-93 irrespective of whether subcontractors have regularly in service fewer than three employees in the same business within the State of North Carolina, and subcontractors shall be hereinafter liable under the Workers' Compensation Act for payment of compensation and other benefits to its employees for any injury or death due to an accident arising out of and in the course of performance of the work insured by the subcontractor.

#### SUBLETTING OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign or otherwise dispose of this contract or any portion thereof; or his right, title, or interest therein; without written consent of the Engineer. Subletting of this contract or any portion of the contract shall conform to the requirements of Article of 108-6 of the <u>Standard Specifications</u>

# **DEFAULT OF CONTRACT**

The Department of Transportation shall have the right to declare a default of contract for breach by the Contractor of any material term or condition of the contract. Default of contract shall be in accordance with the terms, conditions, and procedures of Article 108-9 of the Standard Specifications.

#### PROMPT PAYMENT

# <u>Prompt Payment of Monies Due Subcontractors, Second Tier Subcontractors and Material Suppliers</u>

Contractors at all levels, prime, subcontractor, or second tier contractor, shall within seven calendar days of receipt of monies, resulting from work performed on the project or services rendered, pay subcontractors, second tier subcontractors, or material suppliers, as appropriate. This seven-day period begins upon knowledgeable receipt by the contracting firm obligated to make a subsequent periodic payment or final payment. These prompt payment requirements will be met if each firm mails the payment to the next level firm by evidence of postmark within the seven-day period.

This provision for prompt payment shall be incorporated into each subcontract or second tier subcontract issued for work performed on the project or for services provided. Failure of any entity to make prompt payment as defined herein may result in (1) withholding of money due to that entity in the next partial payment until such assurances are made satisfactory to this provision; or (2) removal of an approved contractor from the prequalified bidders list or the removal of other entities from the approved subcontractors list.

### PAYMENT AND RETAINAGE

The Contractor may submit requests for partial payments on a monthly basis, or other interval as approved by the Engineer. Compensation for all pay items shall be in accordance with the <u>Standard Specifications</u>. The amount of partial payments will be based on the work accomplished and accepted by the last day of the approved pay period.

Requests for payment shall be made by Contractor's Invoice. All invoice items and unit costs shall correspond to contract pay items. In the event of error or discrepancy in items or unit costs, the Department may return the invoice to the contractor for correction. The

invoice shall be completely and legibly filled out with all appropriate information and shall be signed by an authorized representative of the Contractor.

All requests for payment shall be submitted to the Division Bituminous Supervisor's Office.

Division Five Bituminous Supervisor N.C. Department of Transportation 5676 Cornwall Road Oxford, NC 27565

Due to the nature of the contract, no retainage will be withheld. However, the Department reserves the right to withhold payment for a specific location until after successful completion of the work as verified by the final inspection of that location.

### **BANKRUPTCY**

The Department of Transportation, at its option, may terminate the contract upon filing by the Contractor of any petition for protection under the provisions of the Federal Bankruptcy Act.

#### DRIVEWAYS AND PRIVATE PROPERTY

The Contractor shall maintain access to driveways for all residents and property owners throughout the life of the project.

The Contractor shall not perform work for private citizens or agencies in conjunction with this project or within the project limits of this contract. Any driveway paved by a Contractor which ties into a NCDOT system road being paved by the Contractor must be paved either prior to the road paving project or after its completion.

#### DEBARMENT STATEMENT

The Contractor certifies and understands that by his/her signature on the Bid Form that he/she and the contracting firm he/she represents has not been banned, debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency.

#### POSTED WEIGHT LIMITS

The Contractor's attention is directed to the fact that many Primary and Secondary Roads and bridges are posted with weight limits less the legal limit. Do not exceed the posted weight limits in transporting material and/or equipment to the projects, unless otherwise indicated below. Make a thorough examination of all projects and haul routes and adjust accordingly. At the Engineer's discretion haul routes may be changed if excessive damage occurs to the routes while operations are in place.

#### RESOURCE CONSERVATION

(5-21-13) 104-13 SPI G118

In accordance with North Carolina Executive Order 156, NCGS 130A-309.14(2), and NCGS 136-28.8, it is the policy of the Department to aid in the reduction of materials that become a part of our solid waste stream, to divert materials from landfills, and to find ways to recycle and reuse materials for the benefit of the Citizens of North Carolina.

Initiate, develop and use products and construction methods that incorporate the use of recycled or solid waste products in accordance with Article 104-13 of the 2012 Standard Specifications. Report the quantities of reused or recycled materials either incorporated in the project or diverted from landfills on the Project Construction Reuse and Recycling Reporting Form.

A location-based tool for finding local recycling facilities and the Project Construction Reuse and Recycling Reporting Form are available at:

 $\frac{http://connect.ncdot.gov/resources/Environmental/Pages/North-Carolina-Recycling-Locations.aspx}{Locations.aspx}$ 

# GIFTS FROM VENDORS AND CONTRACTORS

(12-15-09) SP1 G152

By Executive Order 24, issued by Governor Perdue, and *N.C. G.S.*§ 133-32, it is unlawful for any vendor or contractor (i.e. architect, bidder, contractor, construction manager, design professional, engineer, landlord, offeror, seller, subcontractor, supplier, or vendor), to make gifts or to give favors to any State employee of the Governor's Cabinet Agencies (i.e. Administration, Commerce, Correction, Crime Control and Public Safety, Cultural Resources, Environment and Natural Resources, Health and Human Services, Juvenile Justice and Delinquency Prevention, Revenue, Transportation, and the Office of the Governor). This prohibition covers those vendors and contractors who:

- (1) have a contract with a governmental agency; or
- (2) have performed under such a contract within the past year; or
- (3) anticipate bidding on such a contract in the future.

For additional information regarding the specific requirements and exemptions, vendors and contractors are encouraged to review Executive Order 24 and G.S. § 133-32.

Executive Order 24 also encouraged and invited other State Agencies to implement the requirements and prohibitions of the Executive Order to their agencies. Vendors and contractors should contact other State Agencies to determine if those agencies have adopted Executive Order 24.

#### **EMPLOYMENT**

(11-15-11) (Rev. 1-17-12)

108, 102

RG184

Revise the 2012 Standard Specifications as follows:

**Page 1-20, Subarticle 102-15(O)**, delete and replace with the following:

(O) Failure to restrict a former Department employee as prohibited by Article 108-5.

Page 1-65, Article 108-5 Character of Workmen, Methods, and Equipment, line 32, delete all of line 32, the first sentence of the second paragraph and the first word of the second sentence of the second paragraph.

# STATE HIGHWAY ADMINISTRATOR TITLE CHANGE

(9-18-12) SPI G185

Revise the 2012 Standard Specifications as follows:

Replace all references to "State Highway Administrator" with "Chief Engineer".

# **Special Provisions**

#### NOTIFICATION OF WORK

The NCDOT will notify the Contractor **at least 24 hours in advance**, of each site where traffic control crews are required. The Contractor will be notified of work needed at the various locations by the Engineer or his representative by telephone, fax or e-mail.

The contractor shall only perform work as directed by the Engineer.

#### TRAFFIC CONTROL SERVICES

The Contractor shall provide Traffic Control Services in accordance with these specifications and as directed by the Engineer. The Engineer will identify the location where the Contractor will provide Traffic Control. The Engineer or his duly authorized representative will monitor the Contractor's operations on a periodic basis to assure compliance with proper traffic control procedures.

The Contractor shall furnish a NCDOT certified crew consisting of one supervisor, three flagmen, a pilot vehicle driver with a truck and a trailer. The truck shall be equipped with approved flashing amber light bar not less than 20 inches long. The truck shall be suitable for transporting the contractor's personnel and towing the loaded trailer. The trailer shall be of sufficient size to transport the necessary signs, cones and other traffic control devices deemed by the Engineer to be necessary to provide the required traffic control operation. The truck shall function as the pilot vehicle and shall be equipped with G20-4 "Pilot Car Follow Me" sign.

The Contractor shall furnish all signs, cones, barrels, barricades and stop/slow paddles required for the traffic control operation. In addition, the Contractor will furnish five (5) two-way radios for the use in controlling traffic. The Contractor shall maintain the radios and have them available on the job at all times. All Contractors' personnel must wear an OSHA approved reflective vest or outer garment at all times while on the project.

The Contractor's traffic control crew shall report to the appropriate job site with truck and trailer at the time specified by the Engineer. The Contractor shall maintain the traffic control operation in a continuous and uninterrupted manner until instructed by the Department's representative to remove the traffic control devices. When instructed by the Department's representative, the Contractor shall remove the traffic control devices and load the devices on his trailer. If traffic control is required at another location on the project or at another job site the Contractor shall transport the traffic control devices and re-establish traffic control at the new location as directed by the Department's representative. At the end of the workday, the Contractor shall load the traffic control devices on his trailer. If the Department requires traffic control services on the next workday, the Contractor shall store his trailer in a secure location.

Department personnel shall provide direction as to the location, layout and the method of traffic control required. Temporary lane closures shall be in accordance with the North

Carolina Department of Transportation Highway Design Branch Roadway Standard Drawing Number 1101.02.

Temporary shoulder closures shall be in accordance with the North Carolina Department of Transportation Highway Design Branch Roadway Standard Drawing Number 1101.04.

The Contractor's supervisor shall provide relief for the primary flagmen and pilot driver periodically during the workday.

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation. The Contractor shall take any other needed actions that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure by the Contractor or its personnel to comply with any of the provisions of this contract or instructions given by the Engineer or his duly authorized representative with regard to the traffic control operation or the safety of job site personnel or the public shall result in suspension of work and may result in termination of the contract.

Compensation for providing traffic control will be made at the contract unit price, per hour, for "Traffic Control Services". Such payment will be full compensation for all work covered by this section including, but not limited to, furnishing a crew consisting of one supervisor, three flagmen, one pilot vehicle driver, a suitable truck and a trailer, radions, signs, cones, barrels, barricades and stop/slow paddles required for the traffic control operation, transportation to and from the job site, installing, maintaining, relocating and removing all traffic control devices as directed by the Engineer and conducting the traffic control operation in a manner that will be safe for both the traveling public, the contractor and department personnel on the job site. Time will be started when the traffic control crew arrives on the job site. Time will stopped when the traffic control crew leaves from the job site. Time will be paid for travel between job sites within the same workday.

The Engineer or his duly authorized representative will maintain a time sheet. The Department's representative and the Contractor's supervisor shall review and agree on the recorded time on a daily basis. The hours worked shall be recorded to the nearest 15 minutes interval.

Payment will be made under:

Traffic	Control	Servicesl	Нŀ	1
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#### **ERRATA**

(1-17-12) (Rev. 1-21-14) Z-4

Revise the 2012 Standard Specifications as follows:

#### **Division 2**

Page 2-7, line 31, Article 215-2 Construction Methods, replace "Article 107-26" with "Article 107-25".

Page 2-17, Article 226-3, Measurement and Payment, line 2, delete "pipe culverts,".

Page 2-20, Subarticle 230-4(B), Contractor Furnished Sources, change references as follows: Line 1, replace "(4) Buffer Zone" with "(c) Buffer Zone"; Line 12, replace "(5) Evaluation for Potential Wetlands and Endangered Species" with "(d) Evaluation for Potential Wetlands and Endangered Species"; and Line 33, replace "(6) Approval" with "(4) Approval".

#### **Division 3**

Page 3-1, after line 15, Article 300-2 Materials, replace "1032-9(F)" with "1032-6(F)".

#### **Division 4**

Page 4-77, line 27, Subarticle 452-3(C) Concrete Coping, replace "sheet pile" with "reinforcement".

#### **Division 6**

Page 6-7, line 31, Article 609-3 Field Verification of Mixture and Job Mix Formula Adjustments, replace "30" with "45".

Page 6-10, line 42, Subarticle 609-6(C)(2), replace "Subarticle 609-6(E)" with "Subarticle 609-6(D)".

**Page 6-11, Table 609-1 Control Limits,** replace "Max. Spec. Limit" for the Target Source of  $P_{0.075}/P_{be}$  Ratio with "1.0".

**Page 6-40, Article 650-2 Materials,** replace "Subarticle 1012-1(F)" with "Subarticle 1012-1(E)"

#### **Division 8**

Page 8-23, line 10, Article 838-2 Materials, replace "Portland Cement Concrete, Class B" with "Portland Cement Concrete, Class A".

#### **Division 12**

Page 12-7, Table 1205-3, add "FOR THERMOPLASTIC" to the end of the title.

Page 12-8, Subarticle 1205-5(B), line 13, replace "Table 1205-2" with "Table 1205-4".

Page 12-8, Table 1205-4 and 1205-5, replace "THERMOPLASTIC" in the title of these tables with "POLYUREA".

**Page 12-9, Subarticle 1205-6(B), line 21,** replace "Table 1205-4" with "Table 1205-6".

Page 12-11, Subarticle 1205-8(C), line 25, replace "Table 1205-5" with "Table 1205-7".

#### **Division 15**

**Page 15-4, Subarticle 1505-3(F) Backfilling, line 26,** replace "Subarticle 235-4(C)" with "Subarticle 235-3(C)".

Page 15-6, Subarticle 1510-3(B), after line 21, replace the allowable leakage formula with the following:  $W = LD\sqrt{F} + 148,000$ 

Page 15-6, Subarticle 1510-3(B), line 32, delete "may be performed concurrently or" and replace with "shall be performed".

Page 15-17, Subarticle 1540-3(E), line 27, delete "Type 1".

#### **Division 17**

Page 17-26, line 42, Subarticle 1731-3(D) Termination and Splicing within Interconnect Center, delete this subarticle.

Revise the 2012 Roadway Standard Drawings as follows:

**1633.01 Sheet 1 of 1, English Standard Drawing for Matting Installation,** replace "1633.01" with "1631.01".

#### MINIMUM WAGES

(7-21-09) Z-5

**FEDERAL:** The Fair Labor Standards Act provides that with certain exceptions every employer shall pay wages at the rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The North Carolina Minimum Wage Act provides that every employer shall pay to each of his employees, wages at a rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all skilled labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all intermediate labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all unskilled labor on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

This determination of the intent of the application of this act to the contract on this project is the responsibility of the Contractor.

The Contractor shall have no claim against the Department of Transportation for any changes in the minimum wage laws, Federal or State. It is the responsibility of the Contractor to keep fully informed of all Federal and State Laws affecting his contract.

#### **ON-THE-JOB TRAINING**

(10-16-07) (Rev. 5-21-13) Z-10

#### **Description**

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to as the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor administered by the OJT Program Manager.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the On-the-Job Training Program Manual.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority shall be given to training employees on NCDOT Federal-Aid funded projects.

#### **Minorities and Women**

Developing, training and upgrading of minorities and women toward journeyman level status is a primary objective of this special training provision. Accordingly, the Contractor shall make every effort to enroll minority and women as trainees to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

### **Assigning Training Goals**

The Department, through the OJT Program Manager, will assign training goals for a calendar year based on the contractors' past three years' activity and the contractors' anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors eligible will be contacted by the Department to determine the number of trainees that will be assigned for the upcoming calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training goals agreed to by both parties. The number of training assignments may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their annual goal for the year. A sample agreement is available at www.ncbowd.com/section/on-the-job-training.

#### **Training Classifications**

The Contractor shall provide on-the-job training aimed at developing full journeyman level workers in the construction craft/operator positions. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators Office Engineers

Truck Drivers Estimators

Carpenters Iron / Reinforcing Steel Workers

Concrete Finishers Mechanics
Pipe Layers Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers and estimators. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman level status or in which they have been employed as a journeyman.

#### **Records and Reports**

The Contractor shall maintain enrollment, monthly and completion reports documenting company compliance under these contract documents. These documents and any other information as requested shall be submitted to the OJT Program Manager.

Upon completion and graduation of the program, the Contractor shall provide each trainee with a certification Certificate showing the type and length of training satisfactorily completed.

#### **Trainee Interviews**

All trainees enrolled in the program will receive an initial and Trainee/Post graduate interview conducted by the OJT program staff.

# **Trainee Wages**

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

60 percent	of the journeyman wage for the first half of the training period
75 percent	of the journeyman wage for the third quarter of the training period
90 percent	of the journeyman wage for the last quarter of the training period

In no instance shall a trainee be paid less than the local minimum wage. The Contractor shall adhere to the minimum hourly wage rate that will satisfy both the NC Department of Labor (NCDOL) and the Department.

# **Achieving or Failing to Meet Training Goals**

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's scheduled workload to meet training goals.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the NCDOT's Bidders List.

# **Measurement and Payment**

No compensation will be made for providing required training in accordance with these contract documents.

# \*AWARD LIMITS ON MULTIPLE PROJECTS\*

appropriate place below. Projects not selected v	<u> </u>
(Project Number)	(County)
state such limit in the space provided above in the space	of work awarded to him in this letting, he shall be second line of this form.  the successful bidder on indicated projects, the ulated award limits, the Board of Transportation indicated which have a total value not exceeding advantage to the Department of Transportation.

\*\*Only those persons authorized to sign bids under the provisions of Article 102-8, Item 7, shall be authorized to sign this form.

# NON COLLUSION AFFIDAVIT

(To Be Executed and Returned with Quotation)

The person executing this bid solemnly swears (or affirms) that neither he, nor any official, agent, or employee of the bidder has entered into any agreement, restraint of free competitive bidding in connection with this bid.

NAME OF CONTRACTOR		
SIGNATURE OF CONTRACTOR		
Subscribed and sworn to me this the	day of	,
of _	County, State of	
(SIGNATURE OF NOTARY PUBLIC)		
My commission expires	·	
	N	OTARY SEAL

# North Carolina Department of Transportation PURCHASE ORDER CONTRACT BID FORM

Work Order: VARIOUS
Description: ANNUAL NEEDS FOR TRAFFIC CONTROL CREWS IN DIVISION 5
County: DURHAM, FRANKLIN, GRANVILLE, PERSON, VANCE, WARREN, AND WAKE

ITEM	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
					(\$)	(\$)
1	SP	TRAFFIC CONTROL SERVICES	1000	HR		

TOTAL BID FOR PROJECT:		
CONTRACTOR		
ADDRESS		
FEDERAL I.D. NO.	CONTRACTOR LICENSE NO.	
AUTHORIZED AGENT	TITLE	
SIGNATURE	DATE	
WITNESS	TITLE	
SIGNATURE	DATE	
		CORPORATE SEAL