

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

DATE AND TIME OF BID OPENING: **AUGUST 15, 2006 AT 2:00 PM**

CONTRACT ID C201628

WBS 37301

FEDERAL-AID NO. STATE FUNDED

COUNTY BURKE

T.I.P. NO.

MILES 0.934

ROUTE NO. SR 1419

LOCATION SR-1419 (BOST RD) FROM NC-181 INTERSECTION TO NORTH OF SR-1421 (LOST CORNER RD).

TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING, AND CURB & GUTTER.

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 WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR 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.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

PROPOSAL FOR THE CONSTRUCTION OF

CONTRACT No. C201628

IN BURKE COUNTY NORTH CAROLINA

Date _____ 20 ____

DEPARTMENT OF TRANSPORTATION,

RALEIGH, NORTH CAROLINA

The Bidder has carefully examined the location of the proposed work to be known as Contract No. **C201628** has carefully examined the plans and specifications, which are acknowledged to be part of the proposal, the special provisions, the proposal, the form of contract, and the forms of contract payment bond and contract performance bond; and thoroughly understands the stipulations, requirements and provisions. The undersigned bidder agrees to bound upon his execution of the bid and subsequent award to him by the Board of Transportation in accordance with this proposal to provide the necessary contract payment bond and contract performance bond within fourteen days after the written notice of award is received by him. The undersigned Bidder further agrees to provide all necessary machinery, tools, labor, and other means of construction; and to do all the work and to furnish all materials, except as otherwise noted, necessary to perform and complete the said contract in accordance with *the 2006 Standard Specifications for Roads and Structures* by the dates(s) specified in the Project Special Provisions and in accordance with the requirements of the Engineer, and at the unit or lump sum prices, as the case may be, for the various items given on the sheets contained herein.

The Bidder shall provide and furnish all the materials, machinery, implements, appliances and tools, and perform the work and required labor to construct and complete State Highway Contract No. **C201628** in **Burke** County, for the unit or lump sum prices, as the case may be, bid by the Bidder in his bid and according to the proposal, plans, and specifications prepared by said Department, which proposal, plans, and specifications show the details covering this project, and hereby become a part of this contract.

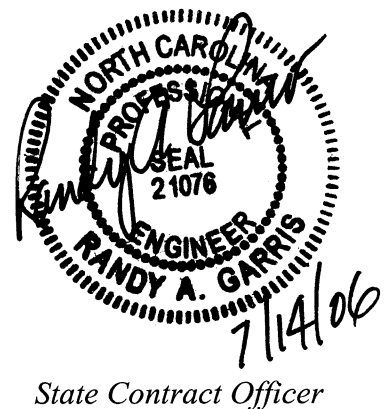
The published volume entitled *North Carolina Department of Transportation, Raleigh, Standard Specifications for Roads and Structures, July 2006* with all amendments and supplements thereto, is by reference incorporated into and made a part of this contract; that, except as herein modified, all the construction and work included in this contract is to be done in accordance with the specifications contained in said volume, and amendments and supplements thereto, under the direction of the Engineer.

If the proposal is accepted and the award is made, the contract is valid only when signed either by the Contract Officer or such other person as may be designated by the Secretary to sign for the Department of Transportation. The conditions and provisions herein cannot be changed except over the signature of the said Contract Officer.

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient.

An increase or decrease in the quantity of any item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

Accompanying this bid is a bid bond secured by a corporate surety, or certified check payable to the order of the Department of Transportation, for five percent of the total bid price, which deposit is to be forfeited as liquidated damages in case this bid is accepted and the Bidder shall fail to provide the required payment and performance bonds with the Department of Transportation, under the condition of this proposal, within 14 calendar days after the written notice of award is received by him, as provided in the *Standard Specifications*; otherwise said deposit will be returned to the Bidder.



A circular professional engineer seal for Randy A. Garris, State Contract Officer. The seal contains the text "NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 21076 RANDY A. GARRIS". A handwritten signature is written over the seal, and the date "7/14/06" is written below it.

TABLE OF CONTENTS

**COVER SHEET
PROPOSAL SHEETS**

<u>PROJECT SPECIAL PROVISIONS</u> (WHITE SHEETS)	<i>PAGE No.</i>
Contract Time and Liquidated Damages.....	1
Intermediate Contract Time.....	1-3
Major Contract Items.....	3
Specialty Items.....	3
Fuel Price Adjustment.....	3-4
Schedule of Estimated Completion Progress.....	4
Minority and Women Business.....	4-14
Subsurface Information.....	14
Twelve Month Guarantee.....	14
Outsourcing Outside U.S.A.....	15
Erosion and Storm Water Certification.....	15-20
Roadway.....	21-28
Erosion Control.....	29-37
<u>PERMITS</u> (PINK SHEETS).....	38-81

STANDARD SPECIAL PROVISIONS (YELLOW SHEETS)

Availability of Funds – Termination of Contracts.....	1
General Seed Specification for Seed Quality.....	2-4
Errata.....	5-7
Plant and Pest Quarantines.....	8
Minimum Wage (State Funded).....	9

PROPOSAL ITEM SHEET AND SIGNATURE SHEET

- Item Sheets
- Signature Sheet (Bid Acceptance by Department)

PROJECT SPECIAL PROVISIONS

GENERAL

CONTRACT TIME AND LIQUIDATED DAMAGES:

(7-20-99) (Rev.7-18-06)

SP1 G04

The date of availability for this contract is October 2, 2006, except that work in jurisdictional waters and wetlands shall not begin until a meeting between the DOT, Regulatory Agencies, and the Contractor is held as stipulated in the permits contained elsewhere in this proposal. This delay in availability has been considered in determining the contract time for this project.

The completion date for this contract is November 15, 2007.

When observation periods are required by the contract, they are not a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. Should an observation period extend beyond the final completion date, the acceptable completion of the observation period shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are Eight Hundred Dollars (\$800.00) per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES

(9-16-03)

RG 07

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane closures and restoring traffic to the existing traffic pattern. The Contractor shall not close or narrow a lane of traffic on **SR 1419 and -Y- Lines** during the following time restrictions:

DAY AND TIME RESTRICTIONS

MONDAY THRU FRIDAY 7:00 A.M. TO 9:00 A.M.

MONDAY THRU FRIDAY 4:00 P.M. TO 6:00 P.M.

In addition, the Contractor shall not close or narrow a lane of traffic on **SR 1419 and -Y- Lines**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS:

1. For **any event** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of 4:00 p.m. December 31st and 9:00 a.m. January 2nd. If New Year's Day is on Saturday or Sunday, then until 9:00 a.m. the following Tuesday.

- 3. For **Easter**, between the hours of 4:00 p.m. Thursday and 9:00 a.m. Monday.
- 4. For **Memorial Day**, between the hours of 4:00 p.m. Friday and 9:00 a.m. Tuesday.
- 5. For **Independence Day**, between the hours of 4:00 p.m. the day before Independence Day and 9:00 a.m. the day after Independence Day.

If Independence Day is on a Saturday or Sunday, then between the hours of 4:00 p.m. the Thursday before Independence Day and 9:00 a.m. the Tuesday after Independence Day.

- 6. For **Labor Day**, between the hours of 4:00 p.m. Friday and 9:00 a.m. Tuesday.
- 7. For **Thanksgiving Day**, between the hours of 4:00 p.m. Tuesday and 9:00 a.m. Monday.
- 8. For **Christmas**, between the hours of 4:00 p.m. the Friday **before the week of Christmas Day** and 9:00 a.m. the following Monday **after the week of Christmas Day**.

Holidays and holiday weekends shall include New Years, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures are not required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed above.

The intermediate completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Five Hundred Dollars (\$500.00)** per hour time period.

INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:

The Contractor shall complete the required work of installing, maintaining and removing the traffic control devices for road closures and restoring traffic to the existing traffic pattern. The Contractor shall not close **SR 1419 and -Y- Lines** during the following time restrictions.

DAY AND TIME RESTRICTIONS

MONDAY THRU FRIDAY 7:00 A.M. TO 9:00 A.M.
 MONDAY THRU FRIDAY 4:00 P.M. TO 6:00 P.M.

The maximum allowable time for the road closures is **20 minutes**. The Contractor shall reopen the travel lanes to traffic until the existing traffic queue is depleted.

The time of availability for this intermediate contract time will be the time the Contractor begins to install traffic control devices required for the road closures according to the time restrictions stated above.

The completion time for this intermediate contract time will be the time the Contractor is required to complete the removal of traffic control required for the road closures according to the time restrictions stated above and restore traffic to the existing traffic pattern.

The liquidated damages are **One Hundred Dollars (\$100.00)** per twenty minute time period.

MAJOR CONTRACT ITEMS:

(2-19-02)

SP1 G28

The following listed items are the major contract items for this contract (See Articles 101 and 104-5 of the *Standard Specifications*):

Line #	Description
7	Borrow Excavation
18	Asphalt Concrete Base Course, Type B25.0B
19	Asphalt Concrete Intermediate Course, Type I19.0B
20	Asphalt Concrete Surface Course, Type S9.5B
42	2'-6" Concrete Curb and Gutter

SPECIALTY ITEMS:

(7-1-95)

SP1 G37

Items listed below will be the specialty items for this contract (See Article 108-6 of the *Standard Specifications*).

Line #	Description
49 thru 53	Guardrail
63 thru 67	Long-Life Pavement Markings
69	Pavement Markers
70	Utility Construction
71 thru 93	Erosion Control

FUEL PRICE ADJUSTMENT:

(11-15-05)

SP1 G43

Revise the 2006 *Standard Specifications* as follows:

Page 1-93 Subarticle 109-8, add the following:

The base index price for DIESEL #2 FUEL is \$2.0532 per gallon.

Where any of the following are included in the contract, they will be eligible for fuel price adjustment.

The item(s) of work and the fuel factor used in calculating adjustments to be made are as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Aggregate Base Course	Gal/Ton	0.55
Asphalt Concrete Base Course, Type B25.0	Gal/Ton	2.90
Asphalt Concrete Base Course, Type B37.5C	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type I19.0	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type S4.75A & SF 9.5A	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type S9.5	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type S12.5	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Sand Asphalt Surface Course, Type F-1	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
In. Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to In. Pavement	Gal/SY	0.245

SCHEDULE OF ESTIMATED COMPLETION PROGRESS:

(7-20-04)

SP1 G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability Of Funds Termination Of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

<u>Fiscal Year</u>	<u>Progress (% of Dollar Value)</u>
2007 (7/01/06 - 6/30/07)	80 % of Total Amount Bid
2008 (7/01/07 - 6/30/08)	20 % of Total Amount Bid

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the Standard Specifications. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

MINORITY AND WOMEN BUSINESS:

(7-17-01)

SP1 G67

Policy

It is the policy of the North Carolina Department of Transportation that minority and women businesses shall have the maximum opportunity to participate in the performance of contracts financed by Non-Federal Funds.

The contractor is also encouraged to give every opportunity to allow MB/WB participation including Supplemental Agreements.

Obligation

The contractor and any subsequent subcontractor shall ensure that minority and women businesses have the maximum opportunity to participate in the performance of the work included in this contract. The contractor and any subsequent subcontractor shall take all necessary and reasonable steps to ensure that minority and women businesses have the maximum opportunity to compete for and perform a portion of the work included in this contract and shall not discriminate on the basis of race, color, national origin or sex. Failure on the part of the contractor to carry out the requirements set forth herein shall constitute a breach of contract and after proper notification, may result in award disqualification, termination of the contract, disqualification from bidding, or other appropriate remedy.

Goals

Pursuant to the requirements of *North Carolina General Statute 136-28.4*, the following goals for participation are established for this contract:

Minority Business Enterprises	5%
Women Business Enterprises	6%

The contractor shall exercise all necessary and reasonable steps to ensure that Minority Businesses (MB) and Women Businesses (WB) participate in at least the percents of the contract as set forth above as goals for this contract.

Listing of MB and WB Subcontractors

All bidders, at the time the bid proposal is submitted, shall also submit a listing of MB and WB participation on the appropriate form (or facsimile thereof) contained elsewhere in this proposal in order for the bid to be considered responsive. Bidders shall indicate the total dollar value of MB and WB participation of the contract. In the event the bidder has no MB and WB participation, he is still required to indicate this on the forms by entering the word or number zero. Blank forms will not be deemed to represent zero participation. Bids submitted which do not have MB and WB participation indicated on the appropriate form will not be read publicly during the opening of bids. These bids will not be considered for award by the Department and they will be returned to the bidder. Bidders have the option of submitting their MB and WB participation in an abbreviated format as required in Paragraph A below, or the bidders may submit their MB and WB participation in the additional detail required by Paragraph B below. In the event the bidder elects to submit MB and WB participation in accordance with Paragraph A and is determined to be the apparent lowest responsive bidder, that bidder shall deliver to the Department no later than 12:00 noon of the sixth day following the opening of bids, a detailed MB and WB submittal as required by Paragraph B below.

Only those MB and WB firms with current certification by the Department will be considered acceptable for listing in the bidders submittal of MB and WB participation.

- (A) The contractor shall indicate on the form for listing of MB and WB subcontractors the following required information:
- (1) The names of MB and WB firms committed to participate in the contract;
 - (2) The Contract Item Numbers of work to be performed by each MB and WB firm; and
 - (3) The total dollar amount to be paid to each MB and WB based on agreed upon prices.

Failure to indicate the required information on the specified form will cause the bid to be considered nonresponsive and it may be rejected.

- (B) In lieu of submitting the information required by (A) above, the bidder may submit the detailed information required below along with the bid proposal.
- (1) The names of MB and WB firms committed to participate in the contract;
 - (2) The Contract Item Numbers and Contract Item Descriptions and agreed upon prices of work to be performed by each MB and WB firm; and
 - (3) The total dollar amount to be paid to each MB and WB based on agreed upon prices.

Failure to indicate the required information on the specified form will cause the bid to be considered nonresponsive and it may be rejected.

The Department will not allow any substitutions, deletions, or other alterations to the listing of firms committed for MB and WB participation and/or the respective listed contract item numbers after opening of bids. The Department will not allow adjustments to total dollar amount of MB and/or WB participation after the opening of bids which would result in the MB and/or WB participation being less than the contract goal. The only exceptions to the requirements of this paragraph will be: (1) to allow for replacement of a MB or WB firm that had been decertified after opening of bids, and (2) to allow alteration of the listed contract item numbers subject to the Bidder submitting sufficient documentation to verify an obvious error in the initial submittal.

- (C) If the bid of the lowest responsive bidder exceeds \$500,000 and if the MB and/or WB participation submitted in response to Paragraph B exceeds the algebraic sum of the MB and WB goals by \$1000 or more, the excess will be placed on deposit by the Department for future use by the bidder. Separate accounts will be maintained for MB and WB participation and these may accumulate for a period not to exceed 24 months.

If the MB and WB participation submitted in response to Paragraph A/B does not meet or exceed the MB and WB contract goals, the apparent lowest responsive bidder shall submit information to satisfy the North Carolina Department of Transportation that sufficient reasonable efforts have been made to meet the contract goals. One complete set and nine (9) copies of this information shall be received in the office of the State Contractual Services Engineer no later than 12:00 noon of the sixth day following opening of bids. Where the information submitted includes repetitious solicitation letters it will be acceptable to submit a sample representative letter along with a distribution list of the firms being solicited. Documentation of MB and WB quotations shall be a part of the good faith effort submittal as necessary to demonstrate compliance with the factors listed below which the Department considers in judging good faith efforts. This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

Where the bidder fails to provide this information by the deadline, the Department may impose the following sanctions: (1) disqualify the contractor and any affiliated companies from further bidding for a period of time of no more than 90 days from the date of disqualification as established in notification by certified mail; and (2) disqualify the contractor and any affiliated companies for award of all contracts for which bids have been received and opened.

The following factors are what the Department will consider in judging whether or not the bidder has made adequate good faith effort:

- (1) Whether the bidder attended any pre-bid meetings that were scheduled by the Department to inform MBs and WBs of subcontracting opportunities;
- (2) Whether the bidder provided written notice to a reasonable number of specific MBs and WBs that their interest in the contract is being solicited and whether the firms solicited could have reasonably been expected to quote the work in the contract;
- (3) Whether the bidder followed up on initial solicitations of interests by contacting MBs and WBs to determine with certainty whether they were interested;
- (4) Whether the bidder selected portions of the work to be performed by MBs and WBs in order to increase the likelihood of meeting the contract goals;
- (5) Whether the bidder provided interested MBs and WBs with adequate information about the plans, specifications and requirements of the contract;
- (6) Whether the bidder negotiated in good faith with interested MBs and Wbs not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities;

- (7) Whether quotations were received from interested MB and WB firms but rejected as unacceptable without sound reasons why the quotations were considered unacceptable;
- (8) Whether the bidder made efforts to assist interested MBs and WBs in obtaining any required insurance or bonding that may be required by the bid proposal or by the bidder;
- (9) Whether the bidder specifically negotiated with subcontractors to assume part of the responsibility to meet the contract MB and WB goal when the work to be sublet includes potential for MB and WB participation.

In the event one bidder is the apparent low bidder on two non-federally funded projects within the same letting located in the same geographic area of the state, as a part of the good faith effort the Department will consider allowing the bidder to combine the MB participation on the two projects so long as the overall MB goal value of both projects is achieved.

In the event one bidder is the apparent low bidder on two non-federally funded projects within the same letting located in the same geographic area of the state, as a part of the good faith effort the Department will consider allowing the bidder to combine the WB participation on the two projects so long as the overall WB goal value of both projects is achieved.

Where the apparent lowest responsive bidder fails to submit sufficient participation by MB firms to meet the contract goal, as part of the good faith effort the Department will consider allowing the bidder to withdraw funds to meet the MB goal so long as there are adequate funds available from the bidders MB bank account.

Where the apparent lowest responsive bidder fails to submit sufficient participation by WB firms to meet the contract goal, as part of the good faith effort the Department will consider allowing the bidder to withdraw funds to meet the WB goal so long as there are adequate funds available from the bidders WB bank account.

Where the apparent lowest responsive bidder fails to submit sufficient participation by MB and WB firms to meet the contract goal and upon a determination by the Goal Compliance Committee based upon the information submitted that the apparent lowest responsive bidder failed to make sufficient reasonable efforts to meet the contract goal, the Department may reject the bid.

In the event that the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that can satisfy the Department that the contract goal can be met or that adequate good faith efforts have been made to meet the goal.

Directory of Certified Business

Included with this Proposal is a list of businesses, which have been certified by the North Carolina Department of Transportation. Only those MB firms with current certification may be used to meet the contract MB goal. Only those firms with current certification may be used to meet the contract WB goal.

The listing of an individual firm certified by the Department shall not be construed as an endorsement of the firm's capability to perform certain work.

Replacement of MBs and WBs**(A) Performance Related**

If any MB or WB subcontractor indicated on the form for listing of MB and WB subcontractors, contained elsewhere in this proposal, does not perform satisfactorily to the extent indicated or anticipated, the contractor shall take all necessary, reasonable steps to replace the MB subcontractor with another MB subcontractor and/or the contractor shall take all necessary, reasonable steps to replace the WB subcontractor with another WB subcontractor.

Any substitution of MB or WB firms after award of the contract shall be approved by the Department. The contractor shall submit any requests for substitutions through the Resident Engineer and the request shall provide a valid basis or reason for the proposed substitution.

To demonstrate necessary, reasonable efforts, the contractor shall document the steps he has taken to replace any MB or WB subcontractor that is unable to perform successfully with another MB or WB subcontractor. Such documentation shall include but not be limited to the following:

- (1) Copies of written notification to MBs/WBs that their interest is solicited in subcontracting the work defaulted by the previous MB or WB subcontractor or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with MBs and WBs for specific subbids including at a minimum:
 - (a) The names, addresses, and telephone numbers of MBs and WBs that were contacted;
 - (b) A description of the information provided to MBs and WBs regarding the plans and specifications for portions of the work to be performed; and
 - (c) A statement of why additional agreements with MBs and WBs were not reached.

- (3) For each MB or WB contacted but rejected as unqualified, the reasons for the contractor's conclusion.
- (4) Efforts made to assist the MBs and WBs contacted, if needed, in obtaining bonding or insurance required by the contractor.

Failure of the contractor to demonstrate reasonable efforts to replace a MB or WB firm that does not perform as intended or anticipated, shall be just cause to disqualify the contractor from further bidding for a period of up to 6 months after notification by certified mail.

(B) Decertification

- (1) If the Department has approved a Request for Subcontract for a particular MB or WB subcontractor and that MB or WB subcontractor is subsequently decertified by the Department; then the Department will not require the Prime Contractor to solicit replacement MB or WB participation equal to the remaining work to be performed by the decertified firm.
- (2) If a Prime Contractor has listed a MB or WB firm in his low bid submittal and the MB or WB firm is decertified prior to the Department approving a Request for Subcontract for the named MB or WB firm, the Prime Contractor may be required to make a good faith effort to:
 - (a) Replace the decertified firm with a certified firm, or
 - (b) To obtain replacement MB or WB participation in other areas of work.

Definitions

- (A) For purposes of this provision, the following definition will apply:

Minority Business or MB means a small business concern, which is owned and controlled by one or more minorities. Except that such term shall not include any concern or group of concerns controlled by the same minority or minorities which has average annual gross receipts over the preceding 3 fiscal years in excess of \$14,000,000, as adjusted by the Department for inflation. For the purposes of this part, owned and controlled means a business:

- (1) Which is at least 51 percent owned by one or more minorities or in the case of a publicly owned business, at least 51 percent of the stock of which is owned by one or more minorities; and
- (2) Whose management and daily business operations are controlled by one or more such individuals.

- (B) Minority is defined as a citizen or lawful permanent resident of the United States and who is:
- (1) Black (a person having origins in any of the black racial groups of Africa);
 - (2) Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);
 - (3) Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands);
 - (4) American Indian
- (C) Women Business or WB means a small business concern, which is owned and controlled by one or more women. Except that such term shall not include any concern or group of concerns controlled by the same woman or women which has average annual gross receipts over the preceding 3 fiscal years in excess of \$14,000,000, as adjusted by the Department for inflation. For the purposes of this part, owned and controlled means a business:
- (1) Which is at least 51 percent owned by one or more women or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and
 - (2) Whose management and daily business operations are controlled by one or more of the women who own it.

Counting MB/WB Participation toward Meeting the MB/WB Goal

- (A) If a firm is determined to be an eligible MB or WB firm and certified by the Department, the total dollar value of the participation by the MB or WB will be counted toward the appropriate MB or WB goal. The total dollar value of participation by a certified MB or WB will be based upon prices agreed upon by the Prime Contractor and MB or WB subcontractor.
- (B) The contractor may count toward its MB or WB goal a portion of the total dollar value of participation with a joint venture, eligible under the standards of this provision, equal to the percentage of the ownership and controls of the MB or WB partner in the joint venture.
- (C) (1) The contractor may count toward its MB or WB goal only expenditures to MBs or WBs that perform a commercially useful function in the work of a contract. A MB or WB is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carrying out its responsibilities by actually performing, managing, and supervising the work involved. To determine whether a MB or WB is performing

a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, and other relevant factors.

- (2) Consistent with normal industry practices, a MB or WB may enter into subcontracts. If a MB or WB contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of normal industry practices, the MB or WB shall be presumed not to be performing a commercially useful function. The MB or WB may present evidence to rebut this presumption to the Department. The Departments decision on the rebuttal of this presumption shall be final.
- (D) A contractor may count toward its MB or WB goal 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from MB or WB regular dealer and 100 percent of such expenditures to a MB or WB manufacturer.
- (1) For purposes of this provision, a manufacturer is a firm that operates or maintains a factory or establishment that produces on the premises the materials or supplies obtained by the contractor.
 - (2) For purposes of this provision, a regular dealer is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the contract are bought, kept in stock, and regularly sold to the public in the usual course of business. To be a regular dealer, the firm shall engage in, as its principal business and in its own name, the purchase and sale of the products in question. A regular dealer in such bulk items as steel, cement, gravel, stone, and petroleum products need not keep such products in stock, if it owns or operates distribution equipment. Brokers and packagers shall not be regarded as manufacturers or regular dealers within the meaning of this section.
- (E) A contractor may count toward its MB or WB goal the following expenditures to MB or WB firms that are not manufacturers or regular dealers:
- (1) The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for performance of the contract, provided that the fee or commission is determined by the Department to be reasonable and not excessive as compared with fees customarily allowed for similar services.
 - (2) The fees charged for delivery of materials and supplies required on a job site (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer of or a regular dealer in the materials and supplies, provided that the fee is determined by the Department to be reasonable and not excessive as compared with fees customarily allowed for similar services.

- (3) The fees or commissions charged for providing any bonds or insurance specifically required for the performance of the contract provided that the fee or commission is determined by the Department to be reasonable and not excessive as compared with fees customarily allowed for similar services.

Reports

Within 30 days after receipt of materials, supplies, or services from MBs or WBs, not otherwise documented by Request for Subcontracts (RS-1A/RS-1B), the contractor shall furnish to the Engineer appropriate documentation (canceled checks, paid invoices, etc.) to verify expenditures with MB and WB concerns. The documentation should also indicate the percentage (60% or 100%) of expenditures claimed for MB or WB credit.

All requests for subcontracts involving MB or WB subcontractors shall be accompanied by a certification executed by both the Prime Contractor and the MB or WB subcontractor attesting to the agreed upon prices and extensions for the affected contract items. This document shall be on the Departments Form RS-1-D, or in lieu of using the department's form, copies of the actual executed agreement between the Prime Contractor and the MB or WB subcontractor may be submitted. In any event, the Department reserves the right to require copies of actual subcontract agreements involving MB and WB subcontractors.

The RS-1-D certification forms may be obtained from the Departments Resident Engineer. These certifications shall be considered a part of the project records, and consequently will be subject to any penalties under State Law associated with falsifications of records related to projects.

Reporting Minority Business Enterprise or Women Business Enterprise Participation

When payments are made to Minority Business Enterprise firms or Women Business Enterprise firms, including material suppliers, contractors at all levels (prime, subcontractor, or second tier subcontractor) shall provide the Engineer with an accounting of said payments. This accounting shall be furnished the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in (1) withholding of money due in the next partial pay estimate; or (2) removal of an approved contractor from the prequalified bidders list or the removal of other entities from the approved subcontractors list. The accounting shall list for each payment made to a MB/WB Enterprise firm the following:

DOT Project Number

Payee Contractor Name

Receiving Contractor or Material Supplier

MB/WB Certification Basis, e.g., Woman Owned, Native American, African American, etc.

Amount of Payment

Date of Payment

A responsible fiscal officer of the payee contractor, subcontractor, or second tier subcontractor who can attest to the date and amounts of the payments shall certify that the accounting is correct. A copy of an acceptable report may be obtained from the Engineer.

SUBSURFACE INFORMATION:

(7-1-95)

SP1 G112

There is **no** subsurface information available on this project. The Contractor shall make his own investigation of subsurface conditions.

TWELVE MONTH GUARANTEE:

(7-15-03)

SP1 G145

- (A) The Contractor shall guarantee materials and workmanship against latent and patent defects arising from faulty materials, faulty workmanship or negligence for a period of twelve months following the date of final acceptance of the work for maintenance and shall replace such defective materials and workmanship without cost to the Department. The Contractor will not be responsible for damage due to faulty design, normal wear and tear, for negligence on the part of the Department, and/or for use in excess of the design.
- (B) Where items of equipment or material carry a manufacturer's guarantee for any period in excess of twelve months, then the manufacturer's guarantee shall apply for that particular piece of equipment or material. The Department's first remedy shall be through the manufacturer although the Contractor is responsible for invoking the warranted repair work with the manufacturer. The Contractor's responsibility shall be limited to the term of the manufacturer's guarantee. NCDOT would be afforded the same warranty as provided by the Manufacturer.

This guarantee provision shall be invoked only for major components of work in which the Contractor would be wholly responsible for under the terms of the contract. Examples would include pavement structures, bridge components, and sign structures. This provision will not be used as a mechanism to force the Contractor to return to the project to make repairs or perform additional work that the Department would normally compensate the Contractor for. In addition, routine maintenance activities (i.e. mowing grass, debris removal, ruts in earth shoulders,) are not parts of this guarantee.

Appropriate provisions of the payment and/or performance bonds shall cover this guarantee for the project.

To ensure uniform application statewide the Division Engineer will forward details regarding the circumstances surrounding any proposed guarantee repairs to the Chief Engineer for review and approval prior to the work being performed.

OUTSOURCING OUTSIDE THE USA:

(9-21-04) (5-16-06)

SP1 G150

All work on consultant contracts, services contracts, and construction contracts shall be performed in the United States of America. No work shall be outsourced outside of the United States of America.

Outsourcing for the purpose of this provision is defined as the practice of subcontracting labor, work, services, staffing, or personnel to entities located outside of the United States.

The North Carolina Secretary of Transportation shall approve exceptions to this provision in writing.

EROSION & SEDIMENT CONTROL/STORMWATER CERTIFICATION:

(1-17-05) (Rev.4-18-06)

SP1 G180

General

The purpose of this certification program is to assure that all responsible parties involved in the construction of this project are properly trained and have the skills necessary to fulfill all environmental commitments required of this project. It is intended that the contractor/subcontractor representatives work jointly with the Department on the project to assure that all plan and contract requirements are met, that necessary adjustments are made and that all devices and features are installed in a timely manner. In the case of difference of opinion or interpretation of plan or contract requirements between the Contractor and the Engineer, the Engineer's determination and decision will be final.

Schedule and conduct construction activities in a manner that will minimize soil erosion and the resulting sedimentation and turbidity of surface waters. Comply with the requirements herein regardless of whether or not a National Pollutant Discharge Elimination System (NPDES) permit for the work is required.

Establish a chain of responsibility for operations and subcontractor's operations to ensure that the *Erosion and Sediment Control Stormwater (E&SC/SW) Pollution Prevention Plan* is implemented and maintained over the life of the contract.

- (A) *Certified Supervisor* – Provide a certified E&SC/SW Supervisor to manage the Contractor and subcontractor(s) operations, insure compliance with Federal, State and Local ordinances and regulations, and to manage the Quality Control Program.
- (B) *Certified Foreman* – Provide certified, trained foremen for each construction operation that increases the potential for soil erosion or the possible sedimentation and turbidity of surface waters.

Roles and Responsibilities

(A) *Certified E&SC/SW Supervisor* - The Certified Supervisor shall be responsible for ensuring E&SC/SW is adequately implemented and maintained on the project and conducting the quality control program. The Certified Supervisor shall be on the project within 24 hours from initial exposure of an erodible surface to the project's final acceptance when questions or concerns arise with E&SC/SW issues. Perform the following duties:

(1) **Manage Operations** - Coordinate and schedule the work of subcontractors so E&SC/SW measures are fully executed for each operation and in a timely manner over the duration of the contract.

Oversee the work of subcontractors so that appropriate E&SC/SW preventive measures are conformed to at each stage of the work.

Prepare the required weekly erosion control punchlist and present it to the Engineer.

Attend all weekly or monthly construction meetings to discuss the findings of the NPDES inspection log and other related issues.

Implement the E&SC/SW site plans requested.

Provide for E&SC/SW methods for Contractor's temporary work not shown on the plans, such as, but not limited to work platforms, temporary construction, pumping operations, plant and storage yards, and cofferdams.

Acquire applicable permits and comply with requirements for borrow pits, dewatering, and any temporary work conducted by the Contractor in jurisdictional areas.

Conduct all E&SC/SW work in a timely and workmanlike manner.

Fully install E&SC/SW work prior to suspension of the work.

Coordinate with the Department, Federal, State and Local Regulatory agencies on resolution of E&SC/SW issues due to the Contractor's operations.

Ensure that proper cleanup occurs from vehicle tracking on paved surfaces and/or any location where sediment leaves the Right-of-Way.

Have available a set of erosion control plans that has been properly updated to reflect necessary plan and field changes for use and review by Department personnel as well as regulatory agencies.

- (2) Requirements set forth under the NPDES Permit - The Department's NPDES permit outlines certain objectives and management measures pertaining to construction activities. The permit references *NCG010000, General Permit to Discharge Stormwater* under the NPDES, and states that the Department shall incorporate the applicable requirements into its delegated E&SC/SW Program. Some of the requirements are, but are not limited to:

Control project site waste to prevent contamination of surface or ground waters of the state (i.e. construction materials, concrete washout, chemicals, litter, fuels, lubricants, coolants, hydraulic fluids, any other petroleum products, and sanitary waste).

Inspect E&SC/SW devices at least once every 7 calendar days, twice weekly for 303(d) impaired streams, and within 24 hours after a significant rainfall event of 0.5 inches within 24 hours.

Maintain an onsite rain gauge and a record of rainfall amounts and dates

Maintain E&SC/SW inspection records for review by Department and Regulatory personnel upon request.

Implement approved reclamation plans on all borrow pits and waste sites.

Maintain a log of turbidity test results as outlined in the Department's Procedure for Monitoring Borrow Pit Discharge.

Provide secondary containment for bulk storage of liquid materials.

Provide training for employees concerning general E&SC/SW awareness, the NPDES Permit requirements, and the requirements of the *General Permit, NCG010000*.

Report violations of the NPDES permit to the Engineer so that the DWQ Regional Office can be notified within 24 hours. The Supervisor will immediately notify the Engineer of any violations so that proper notification can be made to DWQ.

- (3) Quality Control Program - Maintain a quality control program to control erosion, prevent sedimentation and follow provisions of permits. The quality control program shall:

Follow permit requirements related to the Contractor and subcontractors' construction activities.

Ensure that all operators and/or subcontractor(s) on site have the proper E&SC/SW certification.

Notify the Engineer when the required certified E&SC/SW personnel are not available on the job site when needed.

Conduct the inspections required by the NPDES permit.

Take corrective actions in the proper timeframe as required by the NPDES permit for problem areas identified during the NPDES inspections.

Incorporate erosion control into the work in a timely manner and stabilize disturbed areas with mulch/seed or vegetative cover on a section-by-section basis.

Maintain temporary E&SC/SW devices.

Remove temporary erosion or sediment control devices when they are no longer necessary as agreed upon by the Engineer.

The Contractor's quality control and inspection procedures shall be subject to review by the Engineer. Maintain NPDES inspection records at the project site. Make NPDES inspection records available at all times for verification by the Engineer.

- (B) *Certified Foreman* - At least one Certified Foreman shall be onsite for each type of work listed herein during the respective construction activities to control erosion, prevent sedimentation and follow permit provisions:

Foreman in charge of grading activities

Foreman in charge of bridge or culvert construction over jurisdictional areas

Foreman in charge of utility activities

The Contractor may request to use the same person as the Level II Supervisor and Level II Foreman. This person shall be on site whenever construction activities as described above are taking place. This request shall be approved by the Engineer prior to work beginning.

The Contractor may request to name a single Level II Foreman to oversee multiple construction activities on small bridge or culvert replacement projects. This request shall be approved by the Engineer prior to work beginning.

Preconstruction Meeting

Furnish the names of *the Certified E&SC/SW Supervisor, Certified Foremen*, and notify the Engineer of changes in certified personnel over the life of the contract within 2 days of change.

Ethical Responsibility

Any company performing work for the North Carolina Department of Transportation has the ethical responsibility to fully disclose any reprimand or dismissal of an employee resulting from improper testing or falsification of records.

Revocation or Suspension of Certification

Upon recommendation of the Director of Construction to the certification entity, certification for Supervisor and Certified Foremen may be revoked or suspended with the issuance of a *Continuing Immediate Corrective Action (CICA), Notice of Violation, or Cease and Desist (C&D) Order* for E&SC/SW related issues.

Should any of the following circumstances occur, the Director of Construction may suspend or permanently revoke such certification.

Failure to adequately perform the duties as defined within the certification program

Issuance of a CICA, NOV, or C&D Order

Failure to fully perform environmental commitments as detailed within the permit conditions and specifications

Demonstration of erroneous documentation or reporting techniques

Cheating or copying another candidate's work on an examination

Intentional falsification of records

Directing a subordinate under direct or indirect supervision to perform any of the above actions

Dismissal from a company for any of the above reasons

Suspension or revocation of one's certification within another state

Suspension or revocation of a certification will be sent by certified mail to the registrant and the Corporate Head of the company that employs the registrant.

A registrant has the right to appeal any adverse action which results in suspension or permanent revocation of certification by responding, in writing, to the Director of Construction within 10 calendar days after receiving notice of the proposed adverse action.

Director of Construction
1520 Mail Service Center
Raleigh, NC 27699-1520

Failure to appeal within 10 calendar days will result in the proposed adverse action becoming effective on the date specified on the certified notice. Failure to appeal within the time specified will result in a waiver of all future appeal rights regarding the adverse action taken. The registrant will not be allowed to perform duties associated with the certification during the appeal process.

The Director of Construction will hear the appeal and make a decision within 7 days of hearing the appeal. Decision of the Director of Construction will be final and will be made in writing to the registrant.

If a certification is temporarily suspended, the registrant shall pass any applicable written examination and any proficiency examination, at the conclusion of the specified suspension period, prior to having the certification reinstated.

Measurement and Payment

Certified E&SC/SW Supervisor is incidental to the project for which no direct compensation will be made.

Certified Foremen are incidental to the project for which no direct compensation will be made.