NOTICE OF AWARD OF CONTRACT

TO: KIMLEY-HORN AND ASSOCIATES, INC.
13221 WOODLAND PARK ROAD, SUITE 400
HERNDON, VIRGINIA 20171

DATE ISSUED: SEPTEMBER 24, 2012
CURRENT REFERENCE NO: 241-10-1
CONTRACT TITLE: MULTIMODAL A&E SERVICES
PRIOR REFERENCE NO: N/A

THIS IS A NOTICE OF AWARD OF CONTRACT AND NOT AN ORDER. NO WORK IS AUTHORIZED UNTIL THE VENDOR RECEIVES A VALID COUNTY PURCHASE ORDER ENCUMBERING CONTRACT FUNDS.

Your firm is awarded the above referenced contract. The contract term covered by this Notice of Award is effective IMMEDIATELY and expires on September 30, 2013.

This is the FIRST year award notice of a possible FIVE year contract.

The contract documents consist of the terms and conditions of Agreement No. 241-10-1, including any exhibits, attached or amendments thereto.

IMPORTANT NOTES:
1. PROJECTS ASSIGNED UNDER THIS CONTRACT WILL BE FEDERALLY FUNDED, AS SUCH THOSE PROJECTS SHALL BE SUBJECT TO COMPLIANCE WITH THE FEDERAL AND VDOT REGULATIONS CONTAINED IN THIS DOCUMENT OR ELSEWHERE. THE COUNTY, VDOT'S CIVIL RIGHTS DIVISION OR OFFICE OF INSPECTOR GENERAL AUDITING DIVISION AND FHWA WILL PERFORM AUDITS AS NEEDED TO ENSURE COMPLIANCE WITH ALL APPLICABLE GUIDELINES CONTAINED IN THIS DOCUMENT OR ELSEWHERE.
2. ALL POS SHALL INCLUDE WRITTEN APPROVAL ISSUED BY MICHELLE CHANEY

CONTRACT PRICING:
1. REFER TO EXHIBIT B OF AGREEMENT NO. 241-10-1(ATTACHED)
2. THE CONTRACT FEE SCHEDULE AND BILLING RATES SHALL REMAIN FIRM FOR THE FIRST THIRTY SIX (36) MONTHS OF THE CONTRACT TERM. ADJUSTMENTS FOR EXTENSION OPTIONS BASED ON ESCALATION OR DE-ESCALATION ADJUSTMENT IN DOL, NOT SEASONALLY ADJUSTED, EMPLOYMENT COST INDEX FOR TOTAL COMPENSATION (TABLE 4), FOR THE TWELVE MONTH PERIOD ENDING IN DECEMBER OR EACH CONTRACT YEAR OR FIVE (5%) PERCENT WHICHEVER IS LOWER.

EMPLOYEES NOT TO BENEFIT:
NO COUNTY EMPLOYEE SHALL RECEIVE ANY SHARE OR BENEFIT OF THIS CONTRACT NOT AVAILABLE TO THE GENERAL PUBLIC.

VENDOR CONTACT: JOHN MARTIN, PE
VENDOR TEL. NO.: 703-674-1305
VENDOR PAYMENT: TERMS: NET 30 DAYS
VENDOR EMAIL: john.martin@kimley-horn.com
COUNTY CONTACT: Michelle Chaney
COUNTY TEL. NO.: 703-228-7249
COUNTY EMAIL: mchaney@arlingtonva.us

CONTRACT AUTHORIZATION
Maryam Zabdiy, CPP
Procurement Officer
DATE 9/24/12
BID FOLDER: 1

DISTRIBUTION
ARLINGTON COUNTY, VIRGINIA
OFFICE OF THE PURCHASING AGENT
2100 CLARENDON BOULEVARD, SUITE 500
ARLINGTON, VA 22201

AGREEMENT NO. 241-10-1

Specialization Areas: Transportation Planning, Traffic Engineering, Operations and ITS

1. THIS AGREEMENT (hereinafter “Agreement” or “Contract”) is made, on the date of execution by the County, between Kimley-Horn and Associates, Inc., 13221 Woodland Park Road, Suite 400, Herndon, Virginia 20171 (“Contractor”), a North Carolina Corporation authorized to do business in the Commonwealth of Virginia, and the County Board of Arlington County, Virginia (“County”). The County and the Contractor, for the consideration hereinafter specified, agree as follows:

2. CONTRACT DOCUMENTS
The Contract Documents consist of this Agreement, Exhibit A (Scope of Work) and Exhibit B (Fee Schedule and Billing Rates), Exhibit C (Federal Transit Administration Clauses), and Exhibit D (Federal Highway Administration & Virginia Department of Transportation Provisions and Requirements), (“Contract Documents”).

Where the terms and provisions of this Agreement vary from the terms and provisions of the other Contract Documents, the terms and provisions of this Agreement shall prevail over the other Contract Documents, however, Exhibits C and D shall prevail over Exhibits A, B and the Agreement.

The Contract Documents set forth the entire Agreement between the County and the Contractor. The County and the Contractor agree that no representative or agent of either of them has made any representation or promise with respect to this Agreement which is not contained in the Contract Documents. The Contract Documents may be referred to herein below as the “Contract” or “Agreement”.

3. SCOPE OF WORK
The Contractor agrees to perform the services described in the Contract Documents (alternatively, the "Work"). The primary purpose of the Work is to provide Multimodal Transportation Planning, Design and Construction and Project Management Services for the Roads, Street and Other Arlington County Facilities on an as necessary basis for up to a five (5) year period. The Scope of Work is more fully described in Exhibit A. The Contract Documents set forth the minimum Work estimated by the County and the Contractor to be necessary to complete the Work. It shall be the Contractor's responsibility, at the Contractor's sole cost, to provide the specific services set forth in the Contract Documents and sufficient services to fulfill the purposes of the Work. Nothing in the Contract Documents shall be construed to limit the Contractor's responsibility to manage the details and execution of its Work.

4. PROCEDURES FOR TASK ORDER PROJECT ASSIGNMENT
The Contract will be used mainly by Arlington County Transportation Division; however, it may be used by any other County Agency that needs the services covered by this solicitation.

The following are procedures that the County will follow to assign work to selected firms. However, the County reserves the right to issue separate solicitations, waive requirements set forth below in part or whole, if it is determined in writing, by the County Purchasing Agent that is in the best interest of the County.

a. For project work assignments where the design fee will not exceed $50,000 the County, in its sole
discretion, may select the Contractor determined most qualified and best suited for that particular assignment.

b. For work assignment whose projected value would exceed $50,000 the Project Officer will develop a written scope of work and evaluation criteria to be used for determination of the most qualified and best suited firm for that particular assignment and will forward it to all firms approved for work under the applicable Specialization Area.

c. The scope of work will include a description of the project, the deliverable items, and the estimated time limit for the completion and identify all applicable permits, licenses, and approvals requirements.

d. The Contractor(s) shall submit a proposal for the work within ten (10) calendar days (unless the assignment specifies a different deadline) of receiving a request for proposal from the County. Proposals shall include the firms proposed methodology to perform the work, identify key issues and propose solutions, propose the specific project team and provide their resumes that highlights their key qualifications and skills and describe their responsibility.

e. The County will review and evaluate all the proposals and rank each submission.

f. The following criteria will be utilized by Arlington County at its sole discretion when evaluating individual task proposals and ranking each submission:

1) The ability to provide the specific needs for professional services as determined by the Arlington County Project Manager or their designee.
2) The availability of the firm and subcontractor’s staff and their ability to meet a project’s schedule requirements.
3) The firm’s responsiveness to the County request.
4) Potential conflict of interest related to project design or construction.

g. The top ranking firm will then be required to submit a binding Fee and Schedule Proposal. The proposal shall consist of a not-to-exceed amount, derived from the fully burdened hourly rates identified the contract along with the identification of all required tasks and the estimated number of hours necessary to complete the entire assignment. The County then will engage in negotiation with the top ranking firm and if the negotiation fails to bear result, then the County will formally terminate the negotiation process and request a non-binding fee and schedule proposal from the 2nd ranking firm and enter in formal negotiation process. The procedures will be followed until the County successfully negotiates a suitable project cost and schedule.

h. The Contractor will only be authorized to proceed with work on an assignment as approved by the Project Officer and upon receipt of a County Purchase Order.

i. The Contractor shall name a designated representative who shall be the sole point of contact for the project. The designated individual shall be experienced in the categories of work listed for the project.

j. The Contractor shall be responsible for securing all necessary permits, licenses, and approvals from local, state and Federal authorities. The County will be responsible for payment of permit...
5. **STANDARD OF CARE**
   In the performance or furnishing of professional services hereunder, the Contractor and all its agents, shall exercise the degree of skill and care normally accepted as professional practices and procedures by members of the same profession currently practicing under similar conditions in the same locality (“Customary Standard of Care”).

6. **RESPONSIBILITY OF THE CONTRACTOR**
   The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all materials produced and other services furnished by the Contractor under this Agreement. The Contractor shall, without additional compensation, correct, or revise any errors or deficiencies in the Work as defined in Exhibit A (Scope of Services) or services provided, which are discovered within a twelve-month period of final completion of Work.

7. **RESPONSIBILITY FOR CLAIMS AND LIABILITIES**
   The County’s review, approval, or acceptance of, or payment for, any services required under this Contract shall not be construed to operate as a waiver by the County of any rights or of any cause of action arising out of the Contract. The Contractor shall be and remains liable to the County for the accuracy and competency of plans, specifications, or other documents, within the Customary Standard of Care.

8. **CONTRACT TERM**
   The Work shall commence upon execution of this Agreement by the County and shall continue for a twelve (12) month period (“Initial Contract Term”), subject to any modifications as provided for in the Contract Documents. Upon satisfactory performance by the Contractor and with the concurrence of the Contractor, the County may, through issuance of an amendment executed by the parties, authorize continued operations of the Contractor under the same contract unit prices for not more than four (4) additional twelve (12) month periods. (Each such period shall be referred to as a “Subsequent Contract Term”).

9. **CONTRACT AMOUNT**
   The County will pay the Contractor in accordance with the terms of the Payment paragraph, and Exhibit B for the Contractor’s completion of the Work for the individual project assignment(s) described and required in the Contract Documents. The Contractor agrees that it shall complete the Work for the total Contract Amount specified in this section unless such amount is modified as provided in this Agreement. The Contract Amount includes all of the Contractor’s overhead and fees (profit).

This is a requirements contract and the total project fee for any individual assignment (including any modifications) shall not exceed $1,000,000. The sum of all assignment fees in any given contract year shall not exceed $5,000,000. The County reserves the right to issue separate solicitation (s) for project (s) determined to be in the best interest of the County.

10. **CONTRACT EXTENSION WITH NEGOTIATED PRICE ADJUSTMENTS**
    The Contract fee schedule and billing rate(s) shall remain firm for the first thirty six (36) months of the Contract Term. The Contract unit price(s) for each ensuing year shall be submitted by the Contractor to the Project Officer ninety (90) days prior to the anniversary date of the Agreement. All prices shall be negotiated and approved by Arlington County in writing prior to new prices going into effect.

    Escalation or de-escalation of fee schedule and billing rate(s) for Subsequent Contract Terms shall be determined by the County as hereinafter described in this paragraph. Any percentage of
increase or decrease in negotiated prices for Subsequent Contract Terms shall not exceed: i) the percentage increase or decrease of the U.S. Department of Labor, Employment Compensation (Not Seasonally Adjusted): Employment Cost Index, for Total Compensation for all workers (Table 4) the twelve (12) month period ending in December of each Contract Year; or ii) five percent (5%); whichever percentage is lower.

If the Contractor and the County do not agree on a price using the procedure set forth above by the thirtieth (30th) day prior to the end of the initial Contract Term or the end of ensuing renewal term or terms, the County will terminate the Contract whether or not the County has previously elected to extend the term. The Contract unit price(s) changed as a result of this procedure shall become effective on the anniversary date of the Contract and shall be binding on the Contractor for the ensuing renewal term or terms.

11. PAYMENT
Within ten (10) days after the last day of each month the Contractor shall submit, for approval by the Project Officer, an invoice describing the total Work done if any, by Task, during the preceding month. The Project Officer shall either approve the invoice or require corrections. The County will pay the Contractor within thirty (30) days after the date of receipt of a correct (as determined by the Project Officer) invoice approved by the Project Officer. The amount paid shall be based on the estimate of the percentage of the total Work under each Task completed during the month, subject to the Project Officer’s acceptance of the Work and the estimate. If the Contractor has been paid ninety percent (90%) of the Contract Amount for any Task and Work under that Task is not complete, the remaining amount due for that Task will be paid to the Contractor only after all Work on that Task is completed. The total amount paid for each Task shall not exceed the amount allocated for the Task, regardless of the number of hours spent or the amount of expenses incurred by the Contractor in the performance of the Work. The number of the Purchase Order by which authority shipments have been made or services performed shall appear on all invoices. Invoices shall be submitted in duplicate.

12. PROJECT OFFICER
The performance of the Contractor is subject to the review and approval of the County Project Officer (“Project Officer”) who shall be appointed by the Director of the Arlington County department or agency requesting the work under this Contract. However, it shall be the responsibility of the Contractor to manage the details of the execution and performance of its work under the Contract Documents.

13. REIMBURSABLE EXPENSES
No expenses except those identified in this Contract as project related expenses will be reimbursed if incurred without the prior written approval of the County and the issuance of a County purchase order detailing the specific expenses to be incurred by the Contractor and their estimated amount. Payment for approved reimbursable expenses will be made within thirty (30) days after receipt by the Project Officer of a correct invoice identifying the nature of the expense. Reimbursable expenses allowed shall be charged to the County on a unit price basis at the Contractor’s cost. All amounts paid for reimbursable expenses shall be considered part of the Contract Amount.

The total amount paid for project related expenses shall not exceed the amount shown in Exhibit B.

14. REIMBURSABLE TRAVEL-RELATED EXPENSES
No reimbursable travel-related expenses, except as noted in Exhibit B shall be allowed for employees of firms located within the greater Baltimore-Washington Metropolitan Area, as defined by the United States Office of Management and Budget (OMB). If approved by the County for employees of firms outside this area, the County’s policy for reimbursement of travel-related expenses will be as follows:

Meals: The County will reimburse a contractor for the actual out-of-pocket expenses for employee
meals, excluding alcoholic beverages at the per diem rate not to exceed $71.00 or the individual meal rates not to exceed of $12.00 for breakfast, $18.00 for lunch, $36.00 for dinner and $5.00 for incidental expenses. Receipts are required.

Lodging: The County will reimburse lodging expenses incurred for lodging at a reasonably priced commercial facility in the immediate area of the work, where feasible. Complete and legible itemized receipts shall accompany any request for reimbursement. No reimbursement shall be made for ineligible expenses including room service, laundry, telephone and in-room movies. If a room is shared with another person not connected with the work being performed for the County, including a spouse, the County will reimburse a contractor for no more than the cost of a single room.

Transportation:

General
Reservations shall be made in advance whenever possible to take advantage of all available discounts.

Ground Transportation
Use of public transportation is encouraged. Receipts must be submitted for any inter-city public transportation used. Reimbursement for the use of personal or company vehicles, if allowed, shall not exceed the then current mileage rates paid by the County to its employees and personal use must be excluded from the request for reimbursement. Parking expenses are reimbursable up to $7.00 per day.

Rental of vehicles or use of taxicabs, in lieu of the use of a personal or company vehicle, may be approved if the Contractor can justify a cost savings by renting a car or using a taxicab, and obtains approval in advance from the Project Officer. For rental vehicles, the Contractor will be reimbursed for only those rental charges, insurance and/or fuel fees allocable to the Work. The Contractor will not be reimbursed for the purchase of liability insurance and/or collision/comprehensive insurance if their existing insurance coverage provides protection. Receipts are required for reimbursement.

Air Travel
Airfare will be reimbursed at the lowest cost available, typically coach rate, and must be purchased at least 7 days in advance, unless otherwise approved.

Time limit: Requests for travel reimbursement covering the above submitted more than sixty (60) days after completion of the travel shall not be honored.

Non-reimbursable Expenses: The following expenses are not allowable for reimbursement:

1. Alcoholic beverages
2. Personal phone calls
3. Self-entertainment activities (i.e. pay TV, movies, night clubs, health clubs, theaters, bowling)
4. Personal expenses (i.e. laundry, valet, haircuts)
5. Personal travel insurance (i.e. life, medical, or property insurance) for air fare or rental cars.
6. Auto repairs, maintenance and insurance costs for personal vehicles
7. Travel expenses incurred to obtain or maintain training and/or certificates that are not associated with an employee's job requirements.
8. If the County adopts different rates for its employees, the adopted rates shall prevail.
15. **PAYMENT OF SUBCONTRACTORS**
The Contractor is obligated to take one of the two following actions within seven (7) days after receipt of amounts paid to the Contractor by the County for work performed by any subcontractor under this Contract:

   a. Pay the subcontractor for the proportionate share of the total payment received from the County attributable to the work performed by the subcontractor under this Contract; or

   b. Notify the County and the subcontractor, in writing, of the Contractor's intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.

The Contractor is obligated to pay interest to the subcontractor on all amounts owed by the Contractor that remain unpaid after seven (7) days following receipt by the Contractor of payment from the County for work performed by the subcontractor under this Contract, except for amounts withheld as allowed in b., above. Unless otherwise provided under the terms of this Contract, interest shall accrue at the rate of one percent (1%) per month.

The Contractor shall include in each of its subcontracts a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.

The Contractor's obligation to pay an interest charge to a subcontractor pursuant to the above provisions may not be construed to be an obligation of the County. A Contract modification may not be made for the purpose of providing reimbursement for such interest charge. A cost reimbursement claim may not include any amount for reimbursement for such interest charge.

16. **NON-APPROPRIATION**
All funds for payments by the County under this Contract are subject to the availability of an annual appropriation for this purpose by the County Board of Arlington County. In the event of non-appropriation of funds by the County Board of Arlington County for the goods or services provided under this Contract or substitutes for such goods or services which are as advanced or more advanced in their technology, the County will terminate the Contract, without termination charge or other liability to the County, on the last day of the then current fiscal year or when the appropriation made for the then current year for the services covered by this Contract is spent, whichever event occurs first. If funds are not appropriated at any time for the continuation of this Contract, cancellation will be accepted by the Contractor on thirty (30) days prior written notice, but failure to give such notice shall be of no effect and the County shall not be obligated under this Contract beyond the date of termination specified in the County's written notice.

17. **REQUIREMENTS CONTRACT (ESTIMATED QUANTITIES)**
During the Initial Contract Term or any Subsequent Contract Term, the Contractor will furnish all of the items or services described in the Contract Documents if so requested by the County. The Contractor understands and agrees that this is a requirements contract and the County will have no obligation to the Contractor if no, or fewer, items or services are required or requested by the County. Any quantities which are included in the Contract Documents are the present expectations of those who are planning for the County for the period of the Contract. The amount is only an estimate and the Contractor understands and agrees that the County is under no obligation to the Contractor to buy that amount, or any amount, as a result of having provided this estimate or of having had any normal or otherwise measurable requirement in the past. The Contractor further understands that the County may require goods and/or services in excess of the estimated annual
contract amount and that such excess shall not give rise to any claim for compensation other than
at the unit prices set forth in this Contract.

18. COUNTY PURCHASE ORDER REQUIREMENT
County purchases are authorized only if a County Purchase Order is issued in advance of the
transaction, indicating that the ordering agency has sufficient funds available to pay for the
purchase. Such a Purchase Order is to be provided to the Contractor by the order agency. The
County will not be liable for payment for any purchases made by its employees without appropriate
purchase authorization issued by the County Purchasing Agent. Contractors providing goods or
services without a signed County purchase order do so at their own risk and expense.

19. REPLACEMENT OR AUGMENTATION OF KEY PERSONNEL AND SUBCONTRACTORS
The key personnel and sub-contractors submitted by the Contractor in its Proposal in order to
qualify and thereafter accepted by County are considered essential to the Contractor’s
qualifications. The Contractor may not replace, substitute or augment any key personnel or sub-
contractor without prior written approval of the County. A request to replace or substitute any key
personnel or subcontractor for any reason, shall be provided to the County Project Officer at least
fifteen (15) calendar days in advance of such proposed replacement or substitution and the request
shall contain sufficient justification, including identification of the proposed substitute and their
qualifications, in sufficient detail to permit evaluation by the County.

The Contractor shall not remove or replace the approved Project Manager without written
approval of County. In cases of the approved Project Manager’s prolonged illness or other extended
leave of absence, Contractor shall provide an interim Project Manager whose continued work on
the project shall be subject to approval by County.

In the event of the Project Manager’s resignation or termination from the Contractor’s
employment, the Contractor shall replace the Project Manager with an individual with similar
qualifications and experience and only with the County’s prior written approval.

20. PROJECT STAFF
The County will, throughout the Initial Contract Term and any Subsequent Contract Term have the
right of reasonable rejection and approval of staff or subcontractors assigned to the project by the
Contractor. If the County reasonably rejects staff or subcontractors, the Contractor must provide
replacement staff or subcontractors satisfactory to the County in a timely manner and at no
additional cost to the County. The day-to-day supervision and control of the Contractor’s
employees, and employees of any of its subcontractors, shall be the sole responsibility of the
Contractor.

21. SUPERVISION BY CONTRACTOR
The Contractor shall at all times enforce strict discipline and good order among the workers
performing under this Contract, and shall not employ on the work any person not reasonably
proficient in the work assigned.

22. EMPLOYMENT DISCRIMINATION BY CONTRACTOR PROHIBITED
During the performance of this Contract, the Contractor agrees as follows:

A. The Contractor will not discriminate against any employee or applicant for employment
because of race, religion, color, sex, national origin, age, disability or any other basis
prohibited by state law related to discrimination in employment except where there is a
bona fide occupational qualification reasonably necessary to the normal operation of the
Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

B. The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the contractor, will state that such contractor is an Equal Opportunity Employer.

C. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

D. The Contractor will comply with the provisions of the Americans with Disabilities Act of 1990 which prohibits discrimination against individuals with disabilities in employment and mandates their full participation in both publicly and privately provided services and activities.

E. The Contractor will include the provisions of the foregoing paragraphs in every subcontract or purchase order of over $10,000, so that the provisions will be binding upon each subcontract or vendor.

23. **Employment Of unauthorized aliens Prohibited**
   In accordance with §2.2-4311.1 of the Virginia Code, the Contractor acknowledges that it does not, and shall not during the performance of this Contract for goods and/or services in the Commonwealth, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

24. **DRUG-FREE WORKPLACE TO BE MAINTAINED BY CONTRACTOR**
   During the performance of this Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor’s employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over $10,000, so that the provisions will be binding upon each subcontractor or vendor.

   For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a contractor by Arlington County in accordance with the Arlington County Purchasing Resolution, the employees of which contractor are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

25. **SAFETY**
   The Contractor shall comply with, and ensure that the Contractor's personnel and subcontracted personnel comply with, all current applicable local, state and federal policies, regulations and standards relating to safety and health, including, by way of illustration and not limitation, the standards of the Virginia Occupational Safety and Health program of the Department of Labor and Industry for General Industry and for the Construction Industry, the Federal Environmental
Protection Agency standards and the applicable standards of the Virginia Department of Environmental Quality.

26. **WARRANTY**
The Contractor warrants to furnish the services described herein at the times and places and in the manner and subject to the conditions set forth. The Contractor shall enter upon and complete the performance of services with the same degree of skill and care normally accepted as professional practices and procedures by members of the same profession currently practicing under similar conditions in the same locality.

27. **VIRGINIA UNIFORM STATEWIDE BUILDING CODE**
All improvements or construction of County buildings and facilities shall be designed in compliance with the most current edition of the Virginia Uniform Statewide Building Code (VUSBC). The cover sheet of all plans developed shall clearly indicate this requirement and shall indicate the applicable edition of the VUSBC utilized by the designer.

28. **ADA COMPLIANCE**
The Contractor shall ensure that all services provided under this Agreement are completed in accordance with the requirements of the Americans with Disabilities Act (ADA), and any other applicable regulations and standards. The parties agree that ADA compliance is a vital part of this contract.

The Contractor shall monitor Work performed by the construction contractor during the construction phase, and inform the County and construction contractor of any Work performed that does not conform with the ADA or other applicable requirements, to enable corrective action to be taken.

The Contractor shall defend and hold the County harmless from any expense or liability arising from the Contractor’s non-compliance with accessibility requirements under the ADA, and other applicable regulations and standards, under this Agreement. The Contractor shall be responsible for all costs related to permitting delays, redesign, corrective Work, and litigation relating to such non-compliance.

Neither the Arlington County Inspection Services Division, nor any County staff and/or their third party inspection services, are responsible for verifying the design is in compliance with Contract Documents, the ADA, or other applicable requirements.

29. **TERMINATION FOR CAUSE, INCLUDING BREACH AND DEFAULT; CURE**
The Contract shall remain in force for the Initial Contract Term or any Subsequent Contract Term(s) and until the County determines that all of the following requirements and conditions have been satisfactorily met: the County has accepted the Work, and thereafter until the Contractor has met all requirements and conditions relating to the Work under the Contract Documents, including warranty and guarantee periods. However, the County shall have the right to terminate this Contract sooner if the Contractor is in breach or default or has failed to perform satisfactorily the Work required, as determined by the County in its discretion.

If the County determines that the Contractor has failed to perform satisfactorily, then the County will give the Contractor written notice of such failure(s) and the opportunity to cure such failure(s) within at least fifteen (15) days before termination of the Contract takes effect (“Cure Period”).
the Contractor fails to cure within the Cure Period or as otherwise specified in the notice, the Contract may be terminated for the Contractor’s failure to provide satisfactory Contract performance. Upon such termination, the Contractor may apply for compensation for Contract services satisfactorily performed by the Contractor, allocable to the Contract and accepted by the County prior to such termination unless otherwise barred by the Contract (“Termination Costs”). In order to be considered, such request for Termination Costs, with all supporting documentation, must be submitted to the County Project Officer within fifteen (15) days after the expiration of the Cure Period. The County may accept or reject, in whole or in part, the application for Termination Costs and notify the Contractor of same within a reasonable time thereafter.

If the County terminates the Contract for default or breach of any Contract provision or condition, then the termination shall be immediate after notice from the County to the Contractor (unless the County in its discretion provides for an opportunity to cure) and the Contractor shall not be permitted to seek Termination Costs.

Upon any termination pursuant to this section, the Contractor shall be liable to the County for all costs incurred by the County after the effective date of termination, including costs required to be expended by the County to complete the Work covered by the Contract, including costs of delay in completing the Work or the cost of repairing or correcting any unsatisfactory or non-compliant work performed or provided by the Contractor or its subcontractors. Such costs shall be either deducted from any amount due the Contractor or shall be promptly paid by the Contractor to the County upon demand by the County. Additionally, and notwithstanding any provision in this Contract to the contrary, the Contractor is liable to the County, and the County shall be entitled to recover, all damages to which the County is entitled by this Contract or by law, including, and without limitation, direct damages, indirect damages, consequential damages, delay damages, replacement costs, refund of all sums paid by the County to the Contractor under the Contract and all attorney fees and costs incurred by the County to enforce any provision of this Contract.

Except as otherwise directed by the County in the notice, the Contractor shall stop work on the date of receipt of notice of the termination or other date specified in the notice, place no further orders or subcontracts for materials, services, or facilities except as are necessary for the completion of such portion of the Work not terminated, and terminate all vendors and subcontractors and settle all outstanding liabilities and claims. Any purchases after the date of termination contained in the notice shall be the sole responsibility of the Contractor.

In the event any termination for cause, default, or breach shall be found to be improper or invalid by any court of competent jurisdiction then such termination shall be deemed to have been a termination for convenience.

30. **TERMINATION FOR THE CONVENIENCE OF THE COUNTY**

The performance of work under this Contract may be terminated by the Purchasing Agent in whole or in part whenever the Purchasing Agent shall determine that such termination is in the County’s best interest. Any such termination shall be effected by the delivery to the Contractor of a written notice of termination at least fifteen (15) days before the date of termination, specifying the extent to which performance of the work under this Contract is terminated and the date upon which such termination becomes effective. The Contractor will be entitled to receive compensation for all Contract services satisfactorily performed by the Contractor and allocable to the Contract and accepted by the County prior to such termination and any other termination costs as negotiated by the parties, but no amount shall be allowed for anticipatory profits.
After receipt of a notice of termination and except as otherwise directed, the Contractor shall stop all work on the date of receipt of the notice of termination or other date specified in the notice; place no further orders or subcontracts for materials, services or facilities except as are necessary for the completion of such portion of the work not terminated; immediately transfer all documentation and paperwork for terminated work to the County; and terminate all vendors and subcontracts and settle all outstanding liabilities and claims.

31. **INDEMNIFICATION**

The Contractor covenants for itself, its employees, and subcontractors to save, defend, hold harmless and indemnify the County, and all of its elected and appointed officials, officers, current and former employees, agents, departments, agencies, boards, and commissions (collectively the “County” for purposes of this section) from and against any and all claims made by third parties or by the County for any and all losses, damages, injuries, fines, penalties, costs (including court costs and attorney’s fees), charges, liability, demands or exposure, however caused, to the proportionate extent resulting from, arising out of, or in any way connected with the Contractor’s negligent acts or omissions, including the negligent acts or omissions of its employees and/or subcontractors, in performance or nonperformance of the work called for by the Contract Documents. This duty to save, defend, hold harmless and indemnify shall survive the termination of this Contract. If, after notice by the County, the Contractor fails or refuses to fulfill its obligations contained in this section, the Contractor shall be liable for and reimburse the County for any and all expenses, including but not limited to, reasonable attorneys fees incurred and any settlements or payments made. The Contractor shall pay such expenses upon demand by the County and failure to do so may result in such amounts being withheld from any amounts due to Contractor under this Contract.

32. **INTELLECTUAL PROPERTY INDEMNIFICATION**

The Contractor warrants and guarantees that no intellectual property rights (including, but not limited to, copyright, patent, mask rights and trademark) of third parties are infringed or in any manner involved in or related to the services provided hereunder.

The Contractor further covenants for itself, its employees, and subcontractors to save, defend, hold harmless, and indemnify the County, and all of its officers, officials, departments, agencies, agents, and employees from and against any and all claims, losses, damages, injuries, fines, penalties, costs (including court costs and attorney's fees), charges, liability, or exposure, however caused, for or on account of any trademark, copyright, patented or unpatented invention, process, or article manufactured or used in the performance of this Contract, including its use by the County. If the Contractor, or any of its employees or subcontractors, uses any design, device, work, or materials covered by letters patent or copyright, it is mutually agreed and understood, without exception, that the Contract Amount includes all royalties, licensing fees, and any other costs arising from the use of such design, device, work, or materials in any way involved with the Work. This duty to save, defend, hold harmless and indemnify shall survive the termination of this Contract. If, after Notice by the County, the Contractor fails or refuses to fulfill its obligations contained in this section, the Contractor shall be liable for and reimburse the County for any and all expenses, including but not limited to, reasonable attorneys fees incurred and any settlements or payments made. The Contractor shall pay such expenses upon demand by the County and failure to do so may result in such amounts being withheld from any amounts due to Contractor under this Contract.

33. **COPYRIGHT**

The Contractor hereby irrevocably transfers, assigns, sets over and conveys to the County all right, title and interest, including the sole exclusive and complete copyright interest, in any and all copyrightable works created pursuant to this Agreement. The Contractor further agrees to execute
such documents as the County may request to effect such transfer or assignment.

Further, the Contractor agrees that the rights granted to the County by this paragraph are irrevocable. Notwithstanding anything else in this Agreement, the Contractor's remedy in the event of termination of or dispute over the terms of this Agreement shall not include any right to rescind, terminate or otherwise revoke or invalidate in any way the rights conferred pursuant to the provisions of this paragraph. Similarly, no termination of this Agreement shall have the effect of rescinding, terminating or otherwise invalidating the rights acquired pursuant to the provisions of this "Copyright" paragraph.

The use of subcontractors or third parties in developing or creating input into any copyrightable materials produced as a part of this Agreement is prohibited unless the County approves the use of such subcontractors or third parties in advance and such subcontractors or third parties agree to include the provisions of this paragraph as part of any contract they enter into with the Contractor for work related to work pursuant to this Agreement.

34. OWNERSHIP AND RETURN OF RECORDS
This Contract confers no ownership rights to the Contractor nor any rights or interests to use or disclose the County’s data or inputs.

The Contractor agrees that all drawings, specifications, blueprints, data, information, findings, memoranda, correspondence, documents or records of any type, whether written or oral or electronic, and all documents generated by the Contractor or its subcontractors as a result of the County's request for services under this Contract, are the exclusive property of the County ("Record" or "Records"), and all such Records shall be provided to and/or returned to County upon completion, termination, or cancellation of this Contract. The Contractor shall not use, willingly allow, or cause such materials to be used for any other purpose other than performance of all obligations under the Contract without the written consent of the County. Additionally, the Contractor agrees that the Records are confidential records and neither the Records nor their contents shall be released by the Contractor, its subcontractors, or other third parties; nor shall their contents be disclosed to any person other than the Project Officer or his or her designee. The Contractor agrees that all oral or written inquiries from any person or entity regarding the status of any Record generated as a result of the existence of this Contract shall be referred to the Project Officer or his or her designee for response. At the County's request, the Contractor shall deliver all Records to the Project Officer, including "hard copies" of computer records, and at the County's request, shall destroy all computer records created as a result of the County's request for services pursuant to this Contract.

The Contractor agrees to include the provisions of this section as part of any contract or agreement the Contractor enters into with subcontractors or other third parties for work related to work pursuant to this Contract.

No termination of this Contract shall have the effect of rescinding, terminating or otherwise invalidating this section of the Contract.

35. CONFIDENTIAL INFORMATION
The Contractor, and its employees, agents, and subcontractors, hereby agree to hold as confidential all County information obtained as a results of its Work under this Contract. Confidential information includes, but is not limited to, nonpublic personal information, personally identifiable health information, social security numbers, addresses, dates of birth, other contact information or medical information about a person, information pertaining to products, operations, systems, customers, prospective customers, techniques, intentions, processes, plans, expertise and any information entrusted to any affiliate of the parties. The Contractor shall take reasonable measures
to ensure that all of its employees, agents, and subcontractors are informed of, and abide by, this requirement.

36. **DATA SECURITY**
The Contractor agrees that it shall hold all County data obtained as a result of its work under this Contract confidential in accordance with the Nondisclosure and Data Security Agreement attached hereto. If individual employees or subcontractors of the Contractor are performing work under this Contract on County-owned property, then such individual employees or subcontractors shall be required to sign a separate Nondisclosure and Data Security Agreement, which shall be incorporated by reference into this Contract, prior to performing any work or being allowed access to County data.

37. **ETHICS IN PUBLIC CONTRACTING**
This Contract incorporates by reference Article 9 of the Arlington County Purchasing Resolution, as well as any state or federal law related to ethics, conflicts of interest, or bribery, including by way of illustration and not limitation, the Virginia State and Local Government Conflict of Interests Act (Code of Virginia § 2.2-3100 et seq.), the Virginia Governmental Frauds Act (Code of Virginia § 18.2-498.1 et seq., and Articles 2 and 3 of Chapter 10 of Title 18.2 of the Code of Virginia, as amended (§ 18.2-438 et seq.). The Contractor certifies that its offer is made without collusion or fraud and that it has not offered or received any kickbacks or inducements from any other offeror, supplier, manufacturer, or subcontractor and that it has not conferred on any public employee having official responsibility for this purchase any payment, loan, subscription, advance, deposit of money, services, or anything of more than nominal value, present or promised unless consideration of substantially equal or greater value was exchanged.

38. **COUNTY EMPLOYEES**
No employee of Arlington County, Virginia, shall be admitted to any share in any part of this Contract or to any benefit that may arise therefrom which is not available to the general public.

39. **FORCE MAJEURE**
The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by this Contract if such failure is due to fires, riots, rebellions, natural disasters, wars, or an act of God beyond control of the Contractor Force Majeure, beyond the and outside the scope of the Contractor’s then current disaster plan, control of the Contractor, that make performance impossible or illegal, unless otherwise specified in the Contract.

The County shall not be held responsible for failure to perform its duties and responsibilities imposed by the Contract if such failure is due to fires, riots, rebellions, natural disasters, wars, or an act of God beyond control of the County that make performance impossible or illegal, unless otherwise specified in the Contract.

40. **AUTHORITY TO TRANSACT BUSINESS**
The Contractor shall pursuant to Code of Virginia § 2.2-4311.2, be and remain authorized to transact business in the Commonwealth of Virginia during the Initial Term and any Subsequent Contract Term(s) of this Contract. A contract entered into by a Contractor in violation of this requirement is voidable, without any cost or expense, at the option of the County.

41. **RELATION TO COUNTY**
The Contractor will be legally considered as an independent contractor and neither the Contractor nor its employees will, under any circumstances, be considered employees, servants or agents of the County. The County will not be legally responsible for any negligence or other wrongdoing by the Contractor, its employees, servants or agents. The County will not withhold payments to the Contractor for any federal or state unemployment taxes, federal or state income taxes, Social
Security tax, or any other amounts for benefits to the Contractor. Furthermore, the County will not provide to the Contractor any insurance coverage or other benefits, including workers’ compensation, normally provided by the County for its employees.

42. **ANTITRUST**
   By entering into this Contract, the Contractor conveys, sells, assigns and transfers to the County all rights, title, and interest in and to all causes of action the Contractor may now have or hereafter acquire under the antitrust laws of the United States or the Commonwealth of Virginia, relating to the goods or services purchased or acquired by the County under this Contract.

43. **REPORT STANDARDS**
   Reports or written material prepared by the Contractor in response to the requirements of this Contract or request of the Project Officer shall, unless otherwise provided for in the Contract, meet standards of professional writing established for the type of report or written material provided, shall be thoroughly researched for accuracy of content, shall be grammatically correct and not contain spelling errors, shall be submitted in a format approved in advance by the Project Officer, and shall be submitted for advance review and comment by the Project Officer. The cost of correcting grammatical errors, correcting report data, or other revisions required to bring the report or written material into compliance with the Contract requirements shall be borne by the Contractor.

   When submitting documents to the County, The Contractor shall comply with the following guidelines:

   - All submittals and copies shall be printed on at least thirty percent (30%) recycled-content and/or tree-free paper;
   - All copies shall be double-sided;
   - Report covers or binders shall be recyclable, made from recycled materials, and/or easily removable to allow for recycling of report pages (reports with glued bindings that meet all other requirements are acceptable);
   - The use of plastic covers or dividers should be avoided; and
   - Unnecessary attachments or documents not specifically asked for should not be submitted, and superfluous use of paper (e.g. separate title sheets or chapter dividers) should be avoided.

44. **AUDIT**
   The Contractor agrees to retain all books, records and other documents related to this Contract for at least five (5) years after final payment. The County or its authorized agents shall have full access to and the right to examine any of the above documents during this period and during the Initial Contract Term or any Subsequent Contract Term. If the Contractor wishes to destroy or dispose of records (including confidential records to which the County does not have ready access) within five (5) years after final payment, the Contractor shall notify the County at least thirty (30) days prior to such disposal, and if the County objects, shall not dispose of the records.

45. **ASSIGNMENT**
   The Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of any award, or any or all of its rights, obligations, or interests under this Contract, without the prior written consent of the County.
46. **AMENDMENTS**
   This Contract shall not be modified except by written amendment executed by persons duly authorized to bind the Contractor and the County.

47. **ARLINGTON COUNTY PURCHASING RESOLUTION AND COUNTY POLICIES**
   Notwithstanding any provision to the contrary herein, no provision of the Arlington County Purchasing Resolution or any applicable County policy is waived in whole or in part.

48. **DISPUTE RESOLUTION**
   All disputes arising under this Agreement, or its interpretation, whether involving law or fact, or extra work, or extra compensation or time, and all claims for alleged breach of Contract shall be submitted to the Project Officer for decision at the time of the occurrence or beginning of the work upon which the claim is based, whichever occurs first. Such claims shall state the facts surrounding it in sufficient detail to identify it together with its character and scope. Claims denied by the Project Officer may be submitted to the County Manager in writing no later than 60 days after final payment in accordance with the Arlington County Purchasing Resolution.

   The time limit for final written decision by the County Manager in the event of a contractual dispute, as that term is defined in the Arlington County Purchasing Resolution, is fifteen (15) days. Procedures for considering contractual claims, disputes, administrative appeals, and protests are contained in the Purchasing Resolution, incorporated herein by reference, and available upon request from the Office of the Purchasing Agent. The Contractor shall not cause a delay in the Work pending a decision of the Project Officer, County Manager, County Board, or a court.

49. **APPLICABLE LAW, FORUM, VENUE AND JURISDICTION**
   This Contract and the work performed hereunder shall be governed in all respects by the laws of the Commonwealth of Virginia and the jurisdiction, forum, and venue for any litigation with respect thereto shall be in the Circuit Court for Arlington County, Virginia, and in no other court. In performing the Work under this Contract, the Contractor shall comply with applicable federal, state, and local laws, ordinances and regulations.

50. **ARBITRATION**
   It is expressly agreed that nothing under the Contract shall be subject to arbitration, and any references to arbitration are expressly deleted from the Contract.

51. **NONEXCLUSIVITY OF REMEDIES**
   All remedies available to the County under this Contract are cumulative, and no such remedy shall be exclusive of any other remedy available to the County at law or in equity.

52. **NO WAIVER**
   The failure of either party to exercise in any respect a right provided for in this Contract shall not be deemed to be a subsequent waiver of the same right or any other right.

53. **SEVERABILITY**
   The sections, paragraphs, sentences, clauses and phrases of this Contract are severable, and if any phrase, clause, sentence, paragraph or section of this Contract shall be declared invalid by the valid judgment or decree of a court of competent jurisdiction, such invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this Contract.

54. **NO WAIVER OF SOVEREIGN IMMUNITY**
   Notwithstanding any other provision of this Contract, nothing in this Contract or any action taken by the County pursuant to this Contract shall constitute or be construed as a waiver of either the sovereign or governmental immunity of the County. The parties intend for this provision to be read
as broadly as possible.

55. **SURVIVAL OF TERMS**
In addition to any numbered section in this Agreement which specifically state that the term or paragraph survives the expiration of termination of this Contract, the following sections if included in this Contract also survive: INDEMNIFICATION; RELATION TO COUNTY; OWNERHSIP AND RETURN OF RECORDS; AUDIT; COPYRIGHT; INTELLECTUAL PROPERTY INDEMNIFICATION; CONFIDENTIAL INFORMATION, AND DATA SECURITY.

56. **HEADINGS**
The section headings in this Contract are inserted only for convenience and are not to be construed as part of this contract or a limitation on the scope of the particular section to which the heading refers.

57. **NOTICES**
Unless otherwise provided herein, all notices and other communications hereunder shall be deemed to have been given when made in writing and either (a) delivered in person, (b) delivered to an agent, such as an overnight or similar delivery service, or (c) deposited in the United States mail, postage prepaid, certified or registered, addressed as follows:

**TO THE CONTRACTOR:**

R. John Martin, P.E.
Kimley-Horn and Associates, Inc.
13221 Woodland Park Road, Suite 400
Herndon, Virginia 20171

**TO THE COUNTY:**

Thomas Bruccoleri, the County Project Officer
Arlington County, Virginia
Department of Environmental Services
2100 Clarendon Boulevard, Suite 900
Arlington, Virginia 22201;

AND

Richard D. Warren, Jr., Purchasing Agent
Arlington County, Virginia
2100 Clarendon Boulevard, Suite 500
Arlington, Virginia 22201

58. **NON-DISCRIMINATION NOTICE**
Arlington County does not discriminate against faith-based organizations.

59. **ACCESSIBILITY OF WEB SITE**
If any work performed under this Contract results in design, development, maintenance or responsibility for content and/or format of any County websites, or County’s presence on other
party websites, the Contractor shall perform such work in compliance with the requirements set forth in the U.S. Department of Justice document entitled “Accessibility of State and Local Government Websites to People with Disabilities.” The document is located at: http://www.ada.gov/websites2.htm

60. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS
This Contract is subject to certain provisions required by the U.S. Department of Transportation as set forth in FTA Circular 4220.1.F, which are attached as Exhibit C. Anything to the contrary notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with any other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any County requests which would cause the County to be in violation of the FTA terms and conditions.

The Contractor agrees to include this clause in each subcontract financed in whole or in part with federal assistance provided by the FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to the provisions.

61. INCORPORATION OF FEDERAL HIGHWAY ADMINISTRATION (FHWA)& VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) PROVISIONS & REQUIREMENTS
This Contract is subject to certain provisions required by the U.S. Department of Transportation-Federal Highway Administration (FHWA) and the Virginia Department of Transportation (VDOT) as set forth in their Nondiscrimination Provision, Race-Neutral DBE Goal, FHWA 1273 Memorandum and CFR Change and Equal Employment Opportunity (Executive Order 11246, SF030AF-0708), which are attached as Exhibit D. Anything to the contrary notwithstanding, all FHWA and VDOT mandated terms shall be deemed to control in the event of a conflict with any other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any County requests which would cause the County to be in violation of the FHWA and VDOT terms and conditions.

The Contractor agrees to include these clauses in each subcontract financed in whole or in part with federal assistance provided by FHWA and VDOT. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

62. INSURANCE REQUIREMENTS
Prior to the execution of this Contract and upon any Contract extension thereafter, the Contractor shall provide to the County Purchasing Agent evidence indicating that the Contractor has in force the coverage and endorsements (collectively referred to hereinafter “coverage”, “coverages” or “insurance”) required below. The Contractor agrees to maintain such insurance until the completion of this Contract or as otherwise stated below or in the Contract Documents.

All required insurance coverages must be acquired from insurers authorized to do business in the Commonwealth of Virginia, with an A.M. Best rating of “A-VII”, and as acceptable to the County. The insurance requirements herein shall not operate as a limitation of the Contractor’s liability or as a limitation of the Contractor’s duty of indemnification, as set forth in this solicitation and any resulting contract. The Contractor is responsible for determining whether the minimum coverage below are adequate to protect its interest.

The Contractor shall secure and maintain (and ensure that its subcontractors, if any, secure and maintain) all insurance required by law or this Contract, including without limitation:
a. Workers Compensation - Virginia Statutory Workers Compensation (W/C) coverage including Virginia benefits and employers liability with limits of $100,000/100,000/500,000. The County will not accept W/C coverage issued by the Injured Worker's Insurance Fund, Towson, MD.

b. Commercial General Liability - $1,000,000 combined single limit coverage with $2,000,000 general aggregate covering all premises and operations and including Personal Injury, Completed Operations, Contractual Liability, Independent Contractors, and Products Liability. The general aggregate limit shall apply to this Contract.

c. Business Automobile Liability - $1,000,000 Combined Single Limit (Owned, non-owned and hired).

d. The Contractor shall carry Errors and Omissions or Professional Liability insurance which will pay for injuries arising out of errors or omissions in the rendering, or failure to render services or perform Work under the Contract, in the amount of $1,000,000.

e. Additional Insured - Arlington County, and its officers, elected and appointed officials, employees, and agents shall be named as additional insureds on all policies, except Workers Compensation and Auto and Professional Liability. A copy of the Additional Insured endorsement must be provided by the Contractor to the County Purchasing Agent prior to the execution of this Contract and any Contract extension. Failure to provide such documentation shall result in cancellation of the award or of the Contract.

f. Cancellation - If there is a material change or reduction in coverage, nonrenewal of any insurance coverage or cancellation of any insurance coverage required by this contract, the Contractor shall notify the Purchasing Agent immediately. Any policy on which the Contractor has received notification from an insurer that the policy has or will be cancelled or materially changed or reduced must be immediately replaced with another policy consistent with the terms of this Contract and in such a manner that there is no lapse in coverage, and the County immediately notified of the replacement. Not having the required insurance throughout the Contract Term is considered a material breach of this Contract and grounds for termination. The Contractor shall also obtain an endorsement providing to the County thirty (30) days advance notice of cancellation or nonrenewal (ten days for nonpayment of premium. A copy of that endorsement shall be provided to the County Purchasing Agent prior to the execution of this Contract or any Contract extension thereafter.

g. Any insurance coverage that is placed as a “claims made” policy must remain valid and in force, or the Contractor must obtain an extended reporting endorsement consistent with the terms of this Contract, until the applicable statute of limitations has expired, such date as determined to begin running from the date of the Contractor's receipt of final payment.

h. Contract Identification – All documentation and copies of endorsements required hereunder shall state this Contract’s number and title.

The Contractor must disclose the amount of any deductible or self-insurance component applicable to the General Liability, Automobile Liability, Professional Liability, Intellectual Property or any other policies required herein, if any. The County reserves the right to request additional information to determine if the Contractor has the financial capacity to meet its obligations under a deductible. Thereafter, at its option, the County may require a lower deductible, funds equal to the deductible be placed in escrow, a certificate of self-insurance, collateral, or other mechanism in the amount of the deductible to ensure additional protection for the County.
The Contractor shall require all subcontractors to maintain during the term of this contract, Commercial General Liability insurance, Business Automobile Liability insurance, and Workers' Compensation insurance in the same form and manner as specified for the Contractor. The Contractor shall furnish subcontractors' documentation of coverage and endorsements specified herein to the County Purchasing Agent immediately upon request by the County and/or prior to a subcontractor performing work related to this Contract.

No acceptance or approval of any insurance by the County shall be construed as relieving or excusing the Contractor from any liability or obligation imposed upon the Contractor by the provisions of the Contract Documents.

The Contractor shall be responsible for the work performed under the Contract Documents and every part thereof, and for all materials, tools, equipment, appliances, and property of any description used in connection with the Work. The Contractor assumes all risks for direct and indirect damage or injury to the property or persons used or employed on or in connection with the work contracted for, and of all damage or injury to any person or property wherever located, resulting from any action, omission, commission or operation under the Contract, or in connection in any way whatsoever with the contracted work.

The Contractor shall be as fully responsible to the County for the acts and omissions of its subcontractors and of persons employed by them as it is for acts and omissions of persons directly employed by it.

Notwithstanding any of the above, the Contractor may satisfy its obligations under this section by means of self insurance for all or any part of the insurance required, provided that the Contractor can demonstrate financial capacity, the alternative coverage(s) are submitted to and acceptable to the County and the terms additional endorsements required hereunder are met to the satisfaction of the County Purchasing Agent or Risk Manager. The Contractor must provide its most recent actuarial report and provide a copy of its self-insurance resolution to determine the adequacy and security of the insurance funding.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON COUNTY, VIRGINIA

AUTHORIZED SIGNATURE: [Signature]
NAME AND RICHARD D. WARREN, JR.
TITLE: PURCHASING AGENT
DATE: 9/24/12

KIMLEY-HORN AND ASSOCIATES, INC.

AUTHORIZED SIGNATURE: [Signature]
NAME AND R. JOHN MARTIN, SR. VICE PRESIDENT
TITLE: [Title]
DATE: 9/5/12
AGREEMENT NO. 241-10-1

EXHIBIT A

SCOPE OF WORK

A. PROJECT TASKS
Task orders issued under the contract resulting from this solicitation will fall within one of the Specialization Areas. Project tasks will vary depending on the nature of the specific project. The Contractor regardless of Specialization Area may be asked to perform one or more of the Project Support Services described below.

All work shall be completed to Arlington County standards, Virginia Department of Transportation (VDOT) standards, or other Federal standards as identified, depending on the scope of work.

B. SPECIALIZATION AREAS
The types of work that may be assigned per Specialization Area are described below. These work descriptions are intended to be examples and not an all-inclusive listing.

1. Transportation Planning
Transportation planning tasks include planning studies to determine the feasibility of a proposed project, and to identify and evaluate associated multi-modal transportation opportunities and impacts. Work may include establishing project purpose and goals, providing an inventory of existing conditions, developing conceptual planning layouts, proposing and analyzing alternate improvements, identifying state and federal requirements including environmental issues, performing research studies, and writing technical reports to document the study process and results.

Examples of potential work tasks include, but are not limited to:

- Strategic transportation plans
- Neighborhood conditions assessments
- Transportation Demand Management (TDM) reports and compliance reviews
- Traffic calming studies
- Regional transportation plans
- Small area plans
- Transportation demand modeling.

2. Traffic Engineering, Operations, and Intelligent Transportation System (ITS)
Traffic Engineering, Operations, and ITS work includes transportation facilities planning, analysis, and design in support of safe and efficient operations of the multi-modal transportation system.

Examples of potential work tasks include, but are not limited to:

- Traffic data collection, such as traffic, pedestrian, bicycle, and transit counts, and origin-destination surveys
- Traffic impact studies including traffic forecasting and capacity analysis
• Traffic signal design, timing, and warrant analyses
• Streetlight system design services
• Multi-modal traffic simulation using macro- and microsimulation techniques
• Crash analysis and safety studies
• Maintenance of Traffic (MOT) plans development and review
• Comprehensive pavement condition analysis
• Parking planning and curb management studies
• Pricing studies for on-street and off-street parking
• Intelligent Transportation Systems (ITS) plans, specifications, cut sheets reviews, assistance in bidding, system engineering, and system integration
• Operation & Maintenance Manual development
• Design of communication networks both open loop and closed loop systems including fiber network design
• Research new technologies measuring parking occupancy, meter collections and electronic wayfinding

C. PROJECT SUPPORT SERVICES
The types of work that may be assigned under Project Support Services for any of the Specialization Areas are described below. These work descriptions are intended to be examples and not an all-inclusive listing. Work assignments may combine Project Support Services tasks with Specialization Area tasks.

1. ENVIRONMENTAL SERVICES
Examples of Environmental Services work tasks include, but are not limited to:

   • Preparation of State Environmental Review Process (SERP) documentation, including coordination with State resource and transportation agencies
   • Studies and documentation under the National Environmental Policy Act (NEPA)
   • Full range of specific cultural and natural resource studies, including hazardous materials studies and Phase 1 and Phase 2 Environmental Site Analysis
   • Sustainability planning with respect to natural resources and energy

2. PUBLIC INVOLVEMENT
The County may require assistance to develop and implement public participation and partnering programs associated with Division of Transportation studies, planning, design, and construction projects.

Examples of potential work tasks include, but are not limited to:

   • Website development, hosting, and maintenance
   • Public meeting scheduling, organizing, facilitation, recording, and documentation
   • Polling and opinion collection through surveys, interviews, and electronic means
   • Developing public education campaigns including informational materials, maps, brochures, and multimedia presentations, including artwork and text
   • Developing and managing stakeholder mailing lists
   • Purchasing media notices and advertising
   • Designing collateral materials, creating templates, newsletter layouts, computer
generated presentations and other related duties.

3. **SURVEY AND RIGHT-OF-WAY**
Survey and Right-of-Way work includes the preparation of accurate topographic, boundary, and right-of-way (ROW) survey and assistance with acquiring land and easements. All work shall be completed to Arlington County standards and are subject to Arlington County Right-of-Way Section approval.

Examples of potential work tasks include, but are not limited to:

- Topographic survey
- Utility designation and location services
- Boundary survey
- Plating
- Right-of-way documents
- Land and easement acquisition
- Public records research
- Coordinating meetings

4. **GEOTECHNICAL SERVICES**
Geotechnical Services work includes performing soil borings, creating boring logs, test cores, performing laboratory tests, and developing recommendations for appropriate action.

Examples of potential work tasks include, but are not limited to:

- Geotechnical studies and analyses to determine soil properties
- Determination of ground water conditions including the presence of contaminants

5. **CIVIL ENGINEERING DESIGN**
The County may require assistance to provide a full range of civil engineering design services related to transportation facilities.

Examples of potential work tasks include, but are not limited to:

- Planning, profiling, and detailing sheets for street, sidewalk, and intersection design
- Grading and drainage plans
- Utility relocation plans
- Parking layouts
- Signing and striping plans
- Traffic control plans
- General and special conditions for construction bid packages

6. **STRUCTURAL DESIGN AND ARCHITECTURE**
The County may require assistance to develop, incorporate, and review urban and architectural design for bridge renovation work, new bridge designs, and other transportation facilities.
Examples of potential work tasks include, but are not limited to:

- Developing architectural concepts for bridges and buildings
- Structural analysis and design of bridges
- Architectural design and structural analysis and design of buildings, potentially including transit stations and maintenance facility buildings
- Structural design and architecture of innovative transit and bicycle shelters
- Work related to parking garage design, standards and equipment

7. **LANDSCAPE ARCHITECTURE AND PUBLIC ART COORDINATION**

The County may require assistance to develop, incorporate, and review streetscape, landscape, and urban design of transportation facilities or transportation-related structures.

Examples of potential work tasks include, but are not limited to:

- Conceptual, preliminary, and final landscape plans for public right-of-way
- Incorporating public art in street and transit projects
- Developing Requests for Proposals for hiring artists
- Developing integrated wayfinding systems
## Agreement No. 241-10-1

### Exhibit B

## Fee Schedule and Billing Rates

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
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<tbody>
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<td>Senior Technical Specialist</td>
<td>$270.26</td>
</tr>
<tr>
<td>Associate Senior Project Manager</td>
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<tr>
<td>Senior Professional II</td>
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<td>Professional II</td>
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</tr>
<tr>
<td>Designer/Graphic Designer</td>
<td>$114.42</td>
</tr>
<tr>
<td>CADD Draftsperson</td>
<td>$72.28</td>
</tr>
<tr>
<td>Project Administrator/Support Staff</td>
<td>$72.41</td>
</tr>
</tbody>
</table>

**Firm Name:** Sabra, Wang & Associates, Inc.

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>$143.73</td>
</tr>
<tr>
<td>Senior Engineer</td>
<td>$96.82</td>
</tr>
<tr>
<td>Engineer</td>
<td>$73.03</td>
</tr>
<tr>
<td>Junior Engineer</td>
<td>$52.58</td>
</tr>
<tr>
<td>Engineer Technician</td>
<td>$42.73</td>
</tr>
<tr>
<td>Data Collectors</td>
<td>$28.56</td>
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**Firm Name:** Foursquare ITP

<table>
<thead>
<tr>
<th>Labor Categories</th>
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</thead>
<tbody>
<tr>
<td>President</td>
<td>$142.55</td>
</tr>
<tr>
<td>Project Manager/Sr. Transportation Planner</td>
<td>$113.11</td>
</tr>
<tr>
<td>Senior Transportation Planner</td>
<td>$85.40</td>
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<tr>
<td>Transportation Planner II</td>
<td>$87.97</td>
</tr>
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<td>Transportation Planner I</td>
<td>$63.45</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>$47.43</td>
</tr>
</tbody>
</table>

**Firm Name:** Nelson/Nygaard Consulting Associates, Inc.

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal</td>
<td>$202.87</td>
</tr>
<tr>
<td>Senior Associate</td>
<td>$127.99</td>
</tr>
<tr>
<td>Associate Project Planner (APP)</td>
<td>$98.68</td>
</tr>
<tr>
<td>Associate</td>
<td>$78.75</td>
</tr>
<tr>
<td>Production/Creative Services</td>
<td>$107.37</td>
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<tr>
<td>Intern</td>
<td>$52.24</td>
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<tr>
<td>-----------------</td>
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</tr>
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</table>

Firm Name: **KDR Real Estate Services**

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal</td>
<td>$114.53</td>
</tr>
<tr>
<td>R/W Technician Supervisor</td>
<td>$95.60</td>
</tr>
<tr>
<td>R/W Specialist</td>
<td>$90.69</td>
</tr>
<tr>
<td>Technician/Researcher</td>
<td>$60.85</td>
</tr>
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Firm Name: **Edwards Utility Mapping Corp.**

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>$122.11</td>
</tr>
<tr>
<td>Senior Professional Land Surveyor</td>
<td>$106.22</td>
</tr>
<tr>
<td>Field Manager</td>
<td>$105.50</td>
</tr>
<tr>
<td>Professional Land Survey/Engineer</td>
<td>$92.36</td>
</tr>
<tr>
<td>Clerical/Billing</td>
<td>$57.73</td>
</tr>
<tr>
<td>CADD Technician</td>
<td>$46.18</td>
</tr>
<tr>
<td>Field Technician I</td>
<td>$32.06</td>
</tr>
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Firm Name: **Carvalho & Good, PLLC**

<table>
<thead>
<tr>
<th>Labor Categories</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Principal</td>
<td>$145.53</td>
</tr>
<tr>
<td>Project Manager</td>
<td>$121.28</td>
</tr>
<tr>
<td>Professional</td>
<td>$99.72</td>
</tr>
<tr>
<td>CADD Operator</td>
<td>$75.46</td>
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<tr>
<td>Clerical</td>
<td>$51.21</td>
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Firm Name: **MBP**

<table>
<thead>
<tr>
<th>Labor Categories</th>
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</thead>
<tbody>
<tr>
<td>Senior Project Manager</td>
<td>$219.15</td>
</tr>
<tr>
<td>Construction Manager (On-site)</td>
<td>$117.86</td>
</tr>
<tr>
<td>Senior Inspector (On-site)</td>
<td>$93.48</td>
</tr>
<tr>
<td>Inspector (On-site)</td>
<td>$67.76</td>
</tr>
<tr>
<td>Project Manager (Office)</td>
<td>$182.37</td>
</tr>
<tr>
<td>Senior Engineer (Office)</td>
<td>$145.97</td>
</tr>
<tr>
<td>Engineer (Office)</td>
<td>$104.86</td>
</tr>
</tbody>
</table>

Firm Name: **Geo Concepts Engineering, Inc.**

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Task Manager</td>
<td>$175.03</td>
</tr>
<tr>
<td>Labor Categories</td>
<td>Fixed Billable Rate</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Senior Engineer</td>
<td>$129.23</td>
</tr>
<tr>
<td>Engineer</td>
<td>$395.49</td>
</tr>
<tr>
<td>Senior Technician</td>
<td>$76.71</td>
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<tr>
<td>Technician</td>
<td>$71.59</td>
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<tr>
<td>Administrative Support</td>
<td>$81.92</td>
</tr>
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<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLS/Task Manager</td>
<td>$136.76</td>
</tr>
<tr>
<td>Senior Computer Technician</td>
<td>$103.70</td>
</tr>
<tr>
<td>Survey Coordinator</td>
<td>$99.78</td>
</tr>
<tr>
<td>CADD Draftperson</td>
<td>$80.86</td>
</tr>
<tr>
<td>Photogrammetrist</td>
<td>$71.11</td>
</tr>
<tr>
<td>Project Administrator/Support Staff</td>
<td>$39.93</td>
</tr>
<tr>
<td>Researcher</td>
<td>$87.38</td>
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<tr>
<td>Crew Chief</td>
<td>$83.38</td>
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<td>Instrument Person</td>
<td>$54.78</td>
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<tr>
<td>2 Person Survey Crew</td>
<td>$138.16</td>
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Firm Name: *KGP Design Studio LLC*

<table>
<thead>
<tr>
<th>Labor Categories</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Contract/Project Manager</td>
<td>$233.17</td>
</tr>
<tr>
<td>Principal Architect/Planner</td>
<td>$233.17</td>
</tr>
<tr>
<td>Senior Architect/Planner III</td>
<td>$152.78</td>
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<td>Senior Architect/Planner II</td>
<td>$133.33</td>
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<td>Senior Architect/Planner I</td>
<td>$110.28</td>
</tr>
<tr>
<td>Architect/Planner IV</td>
<td>$98.89</td>
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<tr>
<td>Architect/Planner III</td>
<td>$91.55</td>
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<tr>
<td>Architect/Planner II</td>
<td>$66.69</td>
</tr>
<tr>
<td>Architect/Planner I</td>
<td>$59.55</td>
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Firm Name: *Commonwealth Cultural Resources Group, Inc.*

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
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</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>$75.33</td>
</tr>
<tr>
<td>Senior Archaeologist/Planner</td>
<td>$58.26</td>
</tr>
<tr>
<td>Field Director</td>
<td>$41.16</td>
</tr>
<tr>
<td>Architectural Historian</td>
<td>$52.97</td>
</tr>
<tr>
<td>Senior Architect/Planner I</td>
<td>$110.34</td>
</tr>
<tr>
<td>Senior Technician/Crew Chief</td>
<td>$38.61</td>
</tr>
<tr>
<td>Field and Laboratory Technician</td>
<td>$31.78</td>
</tr>
<tr>
<td>GIS Coordinator/Analyst</td>
<td>$40.02</td>
</tr>
<tr>
<td>Production Assistant/Clerical</td>
<td>$37.43</td>
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</table>
Firm Name: Michael Baker Jr. Inc.

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
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<tbody>
<tr>
<td>Management</td>
<td>$195.61</td>
</tr>
<tr>
<td>Architecture</td>
<td>$147.19</td>
</tr>
<tr>
<td>MEP Engineering</td>
<td>$131.31</td>
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<tr>
<td>Structural Engineering</td>
<td>$112.25</td>
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<tr>
<td>Fire Protection Engineering</td>
<td>$122.81</td>
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Firm Name: The 106 Group Ltd.

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal</td>
<td>$194.41</td>
</tr>
<tr>
<td>Professional 5</td>
<td>$108.13</td>
</tr>
<tr>
<td>Professional 4</td>
<td>$80.09</td>
</tr>
<tr>
<td>Professional 3</td>
<td>$68.26</td>
</tr>
<tr>
<td>Professional 2</td>
<td>$47.34</td>
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Firm Name: LSG Landscape Architecture, Inc.

<table>
<thead>
<tr>
<th>Labor Categories</th>
<th>Fixed Billable Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Associate Landscape Architect</td>
<td>$176.33</td>
</tr>
<tr>
<td>Landscape Architect</td>
<td>$122.86</td>
</tr>
<tr>
<td>Junior Landscape Architect</td>
<td>$87.57</td>
</tr>
<tr>
<td>CAD</td>
<td>$56.93</td>
</tr>
<tr>
<td>Clerical</td>
<td>$130.57</td>
</tr>
</tbody>
</table>

**REIMBURSABLE EXPENSES**

<table>
<thead>
<tr>
<th>COST ITEM</th>
<th>RATE</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Travel Mileage</td>
<td></td>
<td>MILEAGE FOR USE OF PERSONAL VEHICLES FOR SOLE PURPOSE OF RENDERING SERVICES UNDER THIS AGREEMENT MAY BE ALLOWED. ALL MILEAGE CALCULATIONS SHALL BEGIN AT THE CONTRACTOR’S MAIN OFFICE IN HERNDON AND END AT THE PROJECT SITE. THE CONTRACTOR SHALL SUBMIT A TRAVEL LOG WITH ALL INVOICES, WHICH CONTAINS A MILEAGE REIMBURSEMENT REQUEST. THE TRAVEL LOG SHALL CONTAIN THE RECORDED PRE-DEPARTURE AND ARRIVAL AT THE PROJECT SITE ODOMETER READING FOR THE VEHICLE USED.</td>
</tr>
<tr>
<td>Reimbursable Travel-Related Expenses</td>
<td></td>
<td>Per the requirement of paragraph no. 14 on page 5 of this Agreement</td>
</tr>
<tr>
<td>Bulk Mailing (e.g. Property owner notifications)</td>
<td>At Cost</td>
<td>Copy of the original receipts must accompany invoices in which reimbursement for this line item is requested</td>
</tr>
<tr>
<td>Shipping</td>
<td>At Cost</td>
<td>Copy of the original receipts must accompany invoices in which reimbursement for this line item is requested</td>
</tr>
</tbody>
</table>
AGREEMENT NO. 241-10-1

EXHIBIT C

FEDERAL TRANSIT ADMINISTRATION CLAUSES

Federal Transit Administration (FTA) Clauses

Solicitation Provisions/Required Contract Clauses

Contract Subject to Federal Financial Assistance/Application of Provisions and Clauses

This project is funded in whole or in part by grants from the Federal Transit Administration (FTA) of the United States Department of Transportation. The award of any contract is subject to the requirements of financial assistance contracts between Arlington County (hereinafter referred to as “The County”) and the U.S. Department of Transportation requiring compliance with purchasing procedures and standards as set forth in various federal statutes and regulations including 49 CFR Part 18, and Federal Transit Administration (FTA) Circular 4220.1F. The Contractor/Proposer is required to comply with all terms and conditions prescribed for third-party contracts by the U.S. Department of Transportation, Federal Transit Administration (FTA).

Contractor/Proposer is responsible for ensuring its compliance with all applicable FTA requirements. Additionally, Contractor/Proposer is responsible for ensuring that subcontractors, at as many tiers of the Project as required, perform in accordance with the terms, conditions and specifications of the contract, including all applicable FTA requirements.

Upon request of the County or FTA, Contractor/Proposer shall provide evidence of the steps it has taken to ensure its compliance with the FTA requirements, as well as evidence of the steps it has taken to ensure subcontractor performance, and/or submit evidence of subcontractor’s compliance at all tiers.

The following solicitation provisions and required contract clauses will be incorporated by reference in any contract resulting from this Solicitation issued by the County. These solicitation provisions and required contract clauses are in addition to other General Specifications, Special and Technical Specifications, Bidding or Proposal Procedures, and Bid or Proposal Forms set forth in other sections of this Solicitation which may also be incorporated by reference in any resulting contract. Some provisions and clauses require the bidder/proposer to execute and submit certain required certifications with the bid/proposal or contract, which are included herein. Failure to execute and submit required certifications with the bid/proposal or contract documents may render a bid/proposal non-responsive or a contract null and void.

Clauses may not be listed in consecutive numerical order as only those provisions and required clauses that apply to this contract/project have been referenced.
1. **FLY AMERICA REQUIREMENTS**
   
   **49 U.S.C. § 40118**
   **41 CFR Part 301-10**

   **Applicability to Contracts**
   Applicable to the transportation of persons or property, by air, between a place in the U.S. and a place outside the U.S., or between places outside the U.S., when the FTA will participate in the costs of such air transportation.

   **Flow Down Requirements**
   The Fly America requirements flow down from FTA recipients and subrecipients to first tier contractors, who are responsible for ensuring that lower tier contractors and subcontractors are in compliance.

   **Fly America** - The Contractor agrees to comply with 49 U.S.C. 40118 (the “Fly America” Act) in accordance with the General Services Administration’s regulations at 41 CFR Part 301-10, which provide that recipients and subrecipients of Federal funds and their contractors are required to use U.S. Flag air carriers for U.S Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. The Contractor shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U.S. flag air carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. The Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

5. **SEISMIC SAFETY REQUIREMENTS**

   **42 U.S.C. 7701 et seq. 49**
   **CFR Part 41**

   **Applicability to Contracts**
   Applicable to all contracts for the construction of new buildings or additions to existing buildings.

   **Flow Down**
   The Seismic Safety requirements flow down from FTA recipients and subrecipients to first tier contractors to assure compliance, with the applicable building standards for Seismic Safety, including the work performed by all subcontractors.

   **Seismic Safety** - The contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 CFR Part 41 and will certify to compliance to the extent required by the regulation. The contractor also agrees to ensure that all work performed under this contract including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

   **The certificate entitled Seismic Safety- Certificate of Compliance (Attachment A) must be completed and submitted with your bid/proposal.**
6. ENERGY CONSERVATION REQUIREMENTS  
42 U.S.C. 6321 et seq.  
49 CFR Part 18

Applicability to Contracts  
Applicable to all contracts.

Flow Down  
The Energy Conservation requirements extend to all third party contractors and their contracts at every tier and subrecipients and their subagreements at every tier.

Energy Conservation - The contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

7. CLEAN WATER REQUIREMENTS  
33 U.S.C. 1251

Applicability to Contracts  
Applicable to all contracts and subcontracts exceeding $100,000.

Flow Down  
The Clean Water requirements flow down to FTA recipients and subrecipients at every tier.

Clean Water - (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. The Contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

(2) The Contractor also agrees to include these requirements in each subcontract exceeding $100,000 financed in whole or in part with Federal assistance provided by FTA.
10. LOBBYING
31 U.S.C. 1352
49 CFR Part 19
49 CFR Part 20

Applicability to Contracts
Applicable to all contracts exceeding $100,000.

Flow Down
The Lobbying requirements mandate the maximum flow down, pursuant to Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352(b)(5) and 49 C.F.R. Part 19, Appendix A, Section 7.

Mandatory Clause/Language
Clause and specific language therein are mandated by 49 CFR Part 19, Appendix A.


- Language in Lobbying Certification is mandated by 49 CFR Part 19, Appendix A, Section 7, which provides that contractors file the certification required by 49 CFR Part 20, Appendix A.


The certificate entitled Certification Regarding Lobbying (Attachment A) must be completed and returned with your bid/proposal.
11. ACCESS TO RECORDS AND REPORTS

49 U.S.C. 5325
18 CFR 18.36 (i)
49 CFR 633.17

Applicability to Contracts
Applicable to all contracts as listed below.

Flow Down
FTA does not require the inclusion of these requirements in subcontracts.

Access to Records - The following access to records requirements apply to this Contract:

1. Where the County is not a State but a local government and is the FTA Recipient or a subgrantee of the FTA Recipient in accordance with 49 C.F.R. 18.36(i), the Contractor agrees to provide the County, the FTA Administrator, the Comptroller General of the United States or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts and transcriptions. Contractor also agrees, pursuant to 49 C.F.R. 633.17 to provide the FTA Administrator or his authorized representatives including any PMO Contractor access to Contractor’s records and construction sites pertaining to a major capital project, defined at 49 U.S.C. 5302(a)1, which is receiving federal financial assistance through the programs described at 49 U.S.C. 5307, 5309 or 5311.

2. Where the County which is the FTA Recipient or a subgrantee of the FTA Recipient in accordance with 49 U.S.C. 5325(a) enters into a contract for a capital project or improvement (defined at 49 U.S.C. 5302(a)1) through other than competitive bidding, the Contractor shall make available records related to the contract to the County, the Secretary of Transportation and the Comptroller General or any authorized officer or employee of any of them for the purposes of conducting an audit and inspection.

3. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

4. The Contractor agrees to maintain all books, records, accounts and reports required under this contract for a period of not less than five (5) years after the date of termination or expiration of this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case Contractor agrees to maintain same until the County, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. Reference 49 CFR 18.39(i)(11).

5. FTA does not require the inclusion of these requirements in subcontracts.
12. FEDERAL CHANGES
49 CFR Part 18

Applicability to Contracts
Applicable to all contracts.

Flow Down
The Federal Changes requirement flows down appropriately to each applicable changed requirement.

Federal Changes - Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between The County and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

14. CLEAN AIR
42 U.S.C. 7401 et seq
40 CFR 15.61
49 CFR Part 18

Applicability to Contracts
Applicable to all contracts exceeding $100,000.

Flow Down
The Clean Air requirements flow down to all subcontracts which exceed $100,000.

Clean Air - (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. The Contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

(2) The Contractor also agrees to include these requirements in each subcontract exceeding $100,000 financed in whole or in part with Federal assistance provided by FTA.
15. **RECYCLED PRODUCTS**
42 U.S.C. 6962
40 CFR Part 247
Executive Order 12873

**Applicability to Contracts**
The Recycled Products requirements apply to all contracts for items designated by the EPA, when the contractor procures $10,000 or more of one of these items during the fiscal year, or has procured $10,000 or more of such items in the previous fiscal year, using Federal funds. These regulations apply to all procurement actions involving items designated by the EPA, where the contractor purchases $10,000 or more of one of these items in a fiscal year, or when the cost of such items purchased during the previous fiscal year was $10,000.

**Flow Down**
These requirements flow down to all contractor and subcontractor tiers.

**Recovered Materials** - The contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

19. **NO GOVERNMENT OBLIGATION TO THIRD PARTIES**

**Applicability to Contracts**
Applicable to all contracts.

(1) The County and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the County, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.

(2) The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.
Applicability to Contracts
Applicable to all contracts.

Flow Down
These requirements flow down to contractors and subcontractors who make, present, or submit covered claims and statements.

Program Fraud and False or Fraudulent Statements or Related Acts.

(1) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, or causes to be made, pertaining to the underlying contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.

(2) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. § 5307, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1) on the Contractor, to the extent the Federal Government deems appropriate.

(3) The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.
Applicability to Contracts
Applicable to all contracts exceeding $10,000.

Termination for Cause; Including Breach and Default; Cure
The Contract shall remain in force for the Initial Contract Term or any Subsequent Contract Term(s) and until the County determines that all of the following requirements and conditions have been satisfactorily met: the County has accepted the Work, and thereafter until the Contractor has met all requirements and conditions relating to the Work under the Contract Documents, including warranty and guarantee periods. However, the County shall have the right to terminate this Contract sooner if the Contractor is in breach or default or has failed to perform satisfactorily the Work required, as determined by the County in its discretion.

If the County determines that the Contractor has failed to perform satisfactorily, then the County will give the Contractor written notice of such failure(s) and the opportunity to cure such failure(s) within at least fifteen (15) days before termination of the Contract takes effect (“Cure Period”). If the Contractor fails to cure within the Cure Period or as otherwise specified in the notice, the Contract may be terminated for the Contractor’s failure to provide satisfactory Contract performance. Upon such termination, the Contractor may apply for compensation for Contract services satisfactorily performed by the Contractor, allocable to the Contract and accepted by the County prior to such termination unless otherwise barred by the Contract (“Termination Costs”). In order to be considered, such request for Termination Costs, with all supporting documentation, must be submitted to the County Project Officer within fifteen (15) days after the expiration of the Cure Period. The County may accept or reject, in whole or in part, the application for Termination Costs and notify the Contractor of same within a reasonable time thereafter.

If the County terminates the Contract for default or breach of any Contract provision or condition, then the termination shall be immediate after notice from the County to the Contractor (unless the County in its discretion provides for an opportunity to cure) and the Contractor shall not be permitted to seek Termination Costs.

Upon any termination pursuant to this section, the Contractor shall be liable to the County for all costs incurred by the County after the effective date of termination, including costs required to be expended by the County to complete the Work covered by the Contract, including costs of delay in completing the Work or the cost of repairing or correcting any unsatisfactory or non-compliant work performed or provided by the Contractor or its subcontractors. Such costs shall be either deducted from any amount due the Contractor or shall be promptly paid by the Contractor to the County upon demand by the County. Additionally, and notwithstanding any provision in this Contract to the contrary, the Contractor is liable to the County, and the County shall be entitled to recover, all damages to which the County is entitled by this Contract or by law, including, and without limitation, direct damages, indirect damages, consequential damages, delay damages, replacement costs, refund of all sums paid by the County to the Contractor under the Contract and all attorney fees and costs incurred by the County to enforce any provision of this Contract.

Except as otherwise directed by the County in the notice, the Contractor shall stop work on the date of
receipt of notice of the termination or other date specified in the notice, place no further orders or subcontracts for materials, services, or facilities except as are necessary for the completion of such portion of the Work not terminated, and terminate all vendors and subcontracts and settle all outstanding liabilities and claims. Any purchases after the date of termination contained in the notice shall be the sole responsibility of the Contractor.

In the event any termination for cause, default, or breach shall be found to be improper or invalid by any court of competent jurisdiction then such termination shall be deemed to have been a termination for convenience.

**Termination for the Convenience of the County**

The performance of work under this Contract may be terminated by the Purchasing Agent in whole or in part whenever the Purchasing Agent shall determine that such termination is in the County’s best interest. Any such termination shall be effected by the delivery to the Contractor of a written notice of termination at least fifteen (15) days before the date of termination, specifying the extent to which performance of the work under this Contract is terminated and the date upon which such termination becomes effective. The Contractor will be entitled to receive compensation for all Contract services satisfactorily performed by the Contractor and allocable to the Contract and accepted by the County prior to such termination and any other termination costs as negotiated by the parties, but no amount shall be allowed for anticipatory profits.

After receipt of a notice of termination and except as otherwise directed, the Contractor shall stop all work on the date of receipt of the notice of termination or other date specified in the notice; place no further orders or subcontracts for materials, services or facilities except as are necessary for the completion of such portion of the work not terminated; immediately transfer all documentation and paperwork for terminated work to the County; and terminate all vendors and subcontracts and settle all outstanding liabilities and claims.

**22. GOVERNMENT-WIDE DEBARMENT AND SUSPENSION (NONPROCUREMENT)**

**Applicability to Contracts**
The provisions of Part 29 apply to all contracts and subcontracts at any level expected to equal or exceed $25,000 as well as any contract or subcontract (at any level) for Federally required auditing services. 49 CFR 29.220(b).

The certificate entitled Certification Regarding Debarment, Suspension and Other Responsibility Matters (Attachment A) must be completed and returned with your bid/proposal.

**23. PRIVACY ACT**
5 U.S.C. 552

**Applicability to Contracts**
When a grantee maintains files on drug and alcohol enforcement activities for FTA, and those files are organized so that information could be retrieved by personal identifier, the Privacy Act requirements
apply to all contracts.

**Flow Down**
The Federal Privacy Act requirements flow down to each third party contractor and their contracts at every tier.

**Contracts Involving Federal Privacy Act Requirements** - The following requirements apply to the Contractor and its employees that administer any system of records on behalf of the Federal Government under any contract:

(1) The Contractor agrees to comply with, and assures the compliance of its employees with, the information restrictions and other applicable requirements of the Privacy Act of 1974, 5 U.S.C. § 552a. Among other things, the Contractor agrees to obtain the express consent of the Federal Government before the Contractor or its employees operate a system of records on behalf of the Federal Government. The Contractor understands that the requirements of the Privacy Act, including the civil and criminal penalties for violation of that Act, apply to those individuals involved, and that failure to comply with the terms of the Privacy Act may result in termination of the underlying contract.

(2) The Contractor also agrees to include these requirements in each subcontract to administer any system of records on behalf of the Federal Government financed in whole or in part with Federal assistance provided by FTA.
24. CIVIL RIGHTS REQUIREMENTS
29 CFR Part 1630, 41 CFR Parts 60 et seq.

Applicability to Contracts
Applicable to all contracts.

Flow Down
The Civil Rights requirements flow down to all third party contractors and their contracts at every tier.

Civil Rights - The following requirements apply to the underlying contract:

(1) Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

(2) Equal Employment Opportunity - The following equal employment opportunity requirements apply to the underlying contract:

(a) Race, Color, Creed, National Origin, Sex - In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

(b) Age - In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
(c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

(3) The Contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

25. BREACHES AND DISPUTE RESOLUTION
49 CFR Part 18
FTA Circular 4220.1F

Applicability to Contracts
Applicable to all contracts exceeding $100,000.

Flow Down
The Breaches and Dispute Resolutions requirements flow down to all tiers.

Dispute Resolution
All disputes arising under this Agreement, or its interpretation, whether involving law or fact, or extra work, or extra compensation or time, and all claims for alleged breach of Contract shall be submitted to the Project Officer for decision at the time of the occurrence or beginning of the work upon which the claim is based, whichever occurs first. Such claims shall state the facts surrounding it in sufficient detail to identify it together with its character and scope. Claims denied by the Project Officer may be submitted to the County Manager in writing no later than 60 days after final payment in accordance with the Arlington County Purchasing Resolution.

The time limit for final written decision by the County Manager in the event of a contractual dispute, as that term is defined in the Arlington County Purchasing Resolution, is fifteen (15) days. Procedures for considering contractual claims, disputes, administrative appeals, and protests are contained in the Purchasing Resolution, incorporated herein by reference, and available upon request from the Office of the Purchasing Agent. The Contractor shall not cause a delay in the Work pending a decision of the Project Officer, County Manager, County Board, or a court.

Arbitration
It is expressly agreed that nothing under the Contract shall be subject to arbitration, and any references to arbitration are expressly deleted from the Contract.
28. DISADVANTAGED BUSINESS ENTERPRISE (DBE)
49 CFR Part 26

Applicability to Contracts
Applicable to all DOT-assisted contracting activities.

Disadvantaged Business Enterprises

a. This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. The County’s overall goal for DBE participation is 7%. A separate contract goal has not been established for this procurement.

b. The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as The County deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

c. The contractor will be required to report its DBE participation obtained through race-neutral means throughout the period of performance.

d. The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than seven (7) days after the contractor’s receipt of payment for that work from the County. In addition, the Contractor is required to return any retainage payments to those subcontractors within 30 days after the subcontractor’s work related to this contract is satisfactorily completed.

e. The contractor must promptly notify the County, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of the County.
30. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS
FTA Circular 4220.1F

Applicability to Contracts
Applicable to all contracts.

Flow Down
The incorporation of FTA terms has unlimited flow down.

Incorporation of Federal Transit Administration (FTA) Terms - The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any County requests which would cause the County to be in violation of the FTA terms and conditions.

32. CONFORMANCE WITH ITS NATIONAL ARCHITECTURE

Applicability to Contracts
Applicable to all National Intelligent Transportation Systems (ITS) Architecture and Standards contracts.


33. ACCESS FOR INDIVIDUALS WITH DISABILITIES

Applicability to Contracts
Applicable to all contracts.

The Contractor agrees to comply with 49 U.S.C. § 5301(d), which states the Federal policy that elderly individuals and individuals with disabilities have the same right as other individuals to use public transportation services and facilities, and that special efforts shall be made in planning and designing those services and facilities to implement transportation accessibility rights for elderly individuals and individuals with disabilities. The Contractor also agrees to comply with all applicable provisions of section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, which prohibits discrimination on the basis of disability in the administration of programs or activities receiving Federal financial assistance; with the Americans with Disabilities Act of 1990 (ADA), as amended, 42 U.S.C. §§
12101 et seq., which requires that accessible facilities and services be made available to individuals with disabilities; with the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §§ 4151 et seq., which requires that buildings and public accommodations be accessible to individuals with disabilities; and with other laws and amendments thereto pertaining to access for individuals with disabilities that may be applicable. In addition, the Contractor agrees to comply with applicable implementing Federal regulations and any later amendments thereto, and agrees to follow applicable Federal implementing directives, except to the extent FTA approves otherwise in writing.
ATTACHMENT “A”

FTA REQUIRED CERTIFICATIONS

SEISMIC SAFETY-CERTIFICATE OF COMPLIANCE
(To be submitted with a bid/proposal for the construction of new buildings or additions to existing buildings.)

The contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 CFR Part 41 and will certify to compliance to the extent required by the regulation. The contractor also agrees to ensure that all work performed under this contract including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

Date ________________________________________________

Signature ________________________________________________

Company Name ________________________________________________

Title ________________________________________________

__________________________________________________________________________
CERTIFICATION REGARDING LOBBYING PURSUANT TO 49 CFR PART 20

APPENDIX A, 49 CFR PART 20--CERTIFICATION REGARDING LOBBYING
(To be submitted with each bid or offer exceeding $100,000)

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned [Contractor] certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)]

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

[Note: Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure or failure.]

The Contractor, ______________________, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, et seq., apply to this certification and disclosure, if any.

______________________________ Signature of Contractor's Authorized Official

______________________________ Name and Title of Contractor's Authorized Official

______________________________ Date
CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

(To be submitted with each bid or offer exceeding $25,000)

This contract is a covered transaction for purposes of 49 CFR Part 29. As such, the contractor is required to verify that none of the contractor, its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified as defined at 49 CFR 29.940 and 29.945.

The contractor is required to comply with 49 CFR 29, Subpart C and must include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by Arlington County. If it is later determined that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to Arlington County, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 49 CFR 29, Subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to $10,000 or imprisonment for up to 5 years, or both.

______________________________________________
Typed Name & Title of Authorized Representative
Signature of Authorized Representative

Date
☐ I am unable to certify to the above statements. My explanation is attached.
AGREEMENT NO. 241-10-1

EXHIBIT D

FEDERAL HIGHWAY ADMINISTRATION (FHWA) & VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) PROVISIONS & REQUIREMENTS

Nondiscrimination Provision

Federally Funded Projects

Construction contractors and consultants agree to abide by the provisions of Title VI and Title VII of the Civil Rights Act of 1964 (42 USC 2000e). Title VI of the Civil Rights Act of 1964 declares it to be the policy of the United States that discrimination on the grounds of race, color, or national origin shall not occur in connection with programs and activities receiving Federal financial assistance and authorizes and directs the appropriate Federal departments, agencies, and subrecipients to take action to carry out this policy. Title VII of the Civil Rights Act prohibits discrimination against any employee or applicant for employment on the basis of race, religion, color, sex or national origin for employers with 15 or more employees. The contractor/consultant further agrees to abide by Executive Order No. 11246 entitled "Equal Employment Opportunity," as amended by Executive Order No. 11375 and as supplemented in the Department of Labor Regulations (41 CFR Part 60), which prohibits discrimination on the basis of age and FHWA 1273 required contract provisions for federal-aid construction projects. 49 CFR Parts 21, 23, 26, and 27, and 23 CFR Parts 200, 230, and 633 are incorporated by reference in all contracts and subcontracts funded in whole or in part with federal funds. The contractor/consultant shall comply with the Americans with Disabilities Act (ADA), and with the provisions of the Virginians with Disabilities Act, Sections 51.5-40 through 51.5-46 of the Code of Virginia, as amended, the terms of which are incorporated herein by reference.

Race-Neutral DBE Goal

It is the policy of the Virginia Department of Transportation that Disadvantaged Business Enterprises (DBEs) as defined in 49 CFR Part 26 shall have the maximum opportunity to participate in the performance of federally funded consultant contracts. A list of Virginia Department of Minority Business Enterprise certified DBE firms is maintained on their web site (http://www.dmbe.state.va.us/) under the VDOT DBE Directory link. Consultants are encouraged to take all necessary and reasonable steps to ensure that DBEs have the maximum opportunity to compete for and perform services on the contract, including participation in any subsequent supplemental contracts. If the consultant intends to subcontract a portion of the services on the project, the consultant is encouraged to seek out and consider DBEs as potential subcontractors. The consultant is encouraged to contact DBEs to solicit their interest, capability and qualifications. Any agreement between a consultant and a DBE whereby the DBE promises not to provide services to other consultants is prohibited.

The DBE contract goal for this procurement is 0%; however, the Department feels that these services support 10% DBE participation.

49 CFR Part 26 requires VDOT to collect certain data about firms attempting to participate in VDOT
contracts.

If a DBE is not certified, the DBE must become certified with the Virginia Department of Minority Business Enterprise prior to the consultant’s response being submitted. If a DBE is the prime consultant, the firm will receive full credit for planned involvement of their own forces, as well as the work that they commit to be performed by DBE subcontractors. DBE prime consultants are encouraged to make the same outreach efforts as other consultants. DBE credit will be awarded only for work actually being performed by themselves and their subcontractors only if the subcontractors are DBEs. A DBE must perform or exercise responsibility for at least 30% of the total cost of its contract with its own force.

DBE certification entitles consultants to participate in VDOT’s DBE program. However, this certification does not guarantee that the firm will obtain VDOT work nor does it attest to the firm’s abilities to perform any particular work.
RELEVANT CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS (FHWA 1273) shall apply to this contract as well as the following:

- **FHWA memorandum with the subject titled “THE DISCONTINUANCE OF THE FHWA-45, FHWA-47 & FHWA-810”**. In accordance with this memorandum the Contractor shall be governed by the following:

  The submission of Form C-50 (FHWA 47) which is used to fulfill the reporting requirements of Section VI, Record of Materials, Supplies, and Labor of FHWA 1273—Required Contract Provisions Federal-Aid Construction Contracts is no longer required on Federal Aid Construction Contracts. Only that part of Section VI of FHWA 1273 is thus eliminated. All the other parts remain in effect.

- **CFR (Code of Federal Regulations) change regarding Employee Social Security Numbers and Addresses on Payrolls**. In accordance with the US Department of Labor regulations change in 29 CFR Parts 3 and 5 the Contractor shall be governed by the following:

  Section V, Paragraph 2b of FHWA 1273—Required Contract Provisions Federal-Aid Construction Contracts is replaced with the following:

  The payroll records shall contain the name, and the last four digits of the social security number of each such employee, his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid.
REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

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ATTACHMENTS

A. Employment Preference for Appalachian Contracts (included in Appalachian contracts only)

I. GENERAL

1. These contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendent and to all work performed on the contract by piecework, station work, or by subcontract.

2. Except as otherwise provided for in each section, the contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with these Required Contract Provisions.

3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the contract.

4. A breach of the following clauses of the Required Contract Provisions may also be grounds for
debarment as provided in 29 CFR 5.12:

Section I, paragraph 2;
Section IV, paragraphs 1, 2, 3, 4, and 7;
Section V, paragraphs 1 and 2a through 2g.

5. Disputes arising out of the labor standards provisions of Section IV (except paragraph 5) and Section V of these Required Contract Provisions shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor (DOL) as set forth in 29 CFR 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the DOL, or the contractor's employees or their representatives.

6. **Selection of Labor:** During the performance of this contract, the contractor shall not:

   a. discriminate against labor from any other State, possession, or territory of the United States (except for employment preference for Appalachian contracts, when applicable, as specified in Attachment A), or

   b. employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.

II. **NONDISCRIMINATION**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $10,000 or more.)

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630 and 41 CFR 60) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The Equal Opportunity Construction Contract Specifications set forth under 41 CFR 60-4.3 and the provisions of the American Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

   a. The contractor will work with the State highway agency (SHA) and the Federal Government in carrying out EEO obligations and in their review of his/her activities under the contract.

   b. The contractor will accept as his operating policy the following statement:

   "It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship,
2. **EEO Officer:** The contractor will designate and make known to the SHA contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of EEO and who must be assigned adequate authority and responsibility to do so.

3. **Dissemination of Policy:** All members of the contractor's staff who are to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor’s EEO policy and contractual will be taken as a minimum:
   a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor’s EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.
   b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.
   c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor’s procedures for locating and hiring minority group employees.
   d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
   e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. **Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minority groups in the area from which the project work force would normally be derived.
   a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.
   b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with EEO contract provisions. (The DOL has held that where implementation of such agreements have the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation
violates Executive Order 11246, as amended.)

c. The contractor will encourage his present employees to refer minority group applicants for employment. Information and procedures with regard to referring minority group applicants will be discussed with employees.

5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

   a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

   b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

   c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

   d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of his avenues of appeal.
6. **Training and Promotion:**

   a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.

   b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision.

   c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

   d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

7. **Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor either directly or through a contractor's association acting as agent will include the procedures set forth below:

   a. The contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.

   b. The contractor will use best efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

   c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the SHA and shall set forth what efforts have been made to obtain such information.

   d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minority group persons and women. (The DOL has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event
the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the SHA.

8. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment.

   a. The contractor shall notify all potential subcontractors and suppliers of his/her EEO obligations under this contract.

   b. Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of DBE construction firms from SHA personnel.

   c. The contractor will use his best efforts to ensure subcontractor compliance with their EEO obligations.

9. **Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the SHA and the FHWA.

   a. The records kept by the contractor shall document the following:

      (1) The number of minority and non-minority group members and women employed in each work classification on the project;

      (2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women;

      (3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and

      (4) The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

   b. The contractors will submit an annual report to the SHA each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data.
III. NONSEGREGATED FACILITIES

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $10,000 or more.)

a. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO provisions of this contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.

b. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color, religion, national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).

c. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements of $10,000 or more and that it will retain such certifications in its files.

IV. PAYMENT OF PREDETERMINED MINIMUM WAGE

(Applicable to all Federal-aid construction contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural minor collectors, which are exempt.)
1. **General:**

   a. All mechanics and laborers employed or working upon the site of the work will be paid unconditionally and not less often than once a week and without subsequent deduction or rebate on any account [except such payroll deductions as are permitted by regulations (29 CFR 3) issued by the Secretary of Labor under the Copeland Act (40 U.S.C. 276c)] the full amounts of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment. The payment shall be computed at wage rates not less than those contained in the wage determination of the Secretary of Labor (hereinafter "the wage determination") which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor or its subcontractors and such laborers and mechanics. The wage determination (including any additional classifications and wage rates conforms to paragraph 2 of this Section IV and the DOL poster (WH-1321) or Form FHWA-1495) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers. For the purpose of this Section, contributions made or costs incurred for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act (40 U.S.C. 276a) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section IV, paragraph 3b, hereof. Also, for the purpose of this Section, regular contributions made or costs incurred for more than a week under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in paragraphs 4 and 5 of this Section IV.

   b. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein, provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

   c. All rulings and interpretations of the Davis-Bacon Act and related acts contained in 29 CFR 1, 3, and 5 are herein incorporated by reference in this contract.

2. **Classification:**

   a. The SHA contracting officer shall require that any class of laborers or mechanics employed under the contract, which is not listed in the wage determination, shall be classified in conformance with the wage determination.

   b. The contracting officer shall approve an additional classification, wage rate and fringe benefits only when the following criteria have been met:

      (1) the work to be performed by the additional classification requested is not performed by a classification in the wage determination;

      (2) the additional classification is utilized in the area by the construction industry;
(3) the proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and

(4) with respect to helpers, when such a classification prevails in the area in which the work is performed.

c. If the contractor or subcontractors, as appropriate, the laborers and mechanics (if known) to be employed in the additional classification or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the DOL, Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, D.C. 20210. The Wage and Hour Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

d. In the event the contractor or subcontractors, as appropriate, the laborers or mechanics to be employed in the additional classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. Said Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

e. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 2c or 2d of this Section IV shall be paid to all workers performing work in the additional classification from the first day on which work is performed in the classification.

3. **Payment of Fringe Benefits:**

a. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor or subcontractors, as appropriate, shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly case equivalent thereof.

b. If the contractor or subcontractor, as appropriate, does not make payments to a trustee or other third person, he/she may consider as a part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided, that the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

4. **Apprentices and Trainees (Programs of U.S. DOL) and Helpers:**
a. Apprentices:

(1) Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the DOL, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or if a person is employed in his/her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.

(2) The allowable ratio of apprentices to journeyman-level employees on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate listed in the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor or subcontractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman-level hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

(3) Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator for the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

(4) In the event the Bureau of Apprenticeship and Training, or a State apprenticeship agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor or subcontractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the comparable work performed by regular employees until an acceptable program is approved.

b. Trainees:

(1) Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval,
evidenced by formal certification by the DOL, Employment and Training Administration.

(2) The ratio of trainees to journeyman-level employees on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(3) Every trainee must be paid at not less than the rate specified in the approved program for his/her level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman-level wage rate on the wage determination which provides for less than full fringe benefits for apprentices, in which case such trainees shall receive the same fringe benefits as apprentices.

(4) In the event the Employment and Training Administration withdraws approval of a training program, the contractor or subcontractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Helpers:

Helpers will be permitted to work on a project if the helper classification is specified and defined on the applicable wage determination or is approved pursuant to the conformance procedure set forth in Section IV.2. Any worker listed on a payroll at a helper wage rate, who is not a helper under a approved definition, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed.

5. Apprentices and Trainees (Programs of the U.S. DOT):

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.
6. **Withholding:**

The SHA shall upon its own action or upon written request of an authorized representative of the DOL withhold, or cause to be withheld, from the contractor or subcontractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements which is held by the same prime contractor, as much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the SHA contracting officer may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

7. **Overtime Requirements:**

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers, mechanics, watchmen, or guards (including apprentices, trainees, and helpers described in paragraphs 4 and 5 above) shall require or permit any laborer, mechanic, watchman, or guard in any workweek in which he/she is employed on such work, to work in excess of 40 hours in such workweek unless such laborer, mechanic, watchman, or guard receives compensation at a rate not less than one-and-one-half times his/her basic rate of pay for all hours worked in excess of 40 hours in such workweek.

8.
Violation:

Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in paragraph 7 above, the contractor and any subcontractor responsible thereof shall be liable to the affected employee for his/her unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer, mechanic, watchman, or guard employed in violation of the clause set forth in paragraph 7, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of the standard work week of 40 hours without payment of the overtime wages required by the clause set forth in paragraph 7.

9. Withholding for Unpaid Wages and Liquidated Damages:

The SHA shall upon its own action or upon written request of any authorized representative of the DOL withhold, or cause to be withheld, from any monies payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 8 above.

V. STATEMENTS AND PAYROLLS

(Applicable to all Federal-aid construction contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural collectors, which are exempt.)

1. Compliance with Copeland Regulations (29 CFR 3):

The contractor shall comply with the Copeland Regulations of the Secretary of Labor which are herein incorporated by reference.

2. Payrolls and Payroll Records:

a. Payrolls and basic records relating thereto shall be maintained by the contractor and each subcontractor during the course of the work and preserved for a period of 3 years from the date of completion of the contract for all laborers, mechanics, apprentices, trainees, watchmen, helpers, and guards working at the site of the work.

b. The payroll records shall contain the name, social security number, and address of each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof) the types described in Section 1(b)(2)(B) of the Davis Bacon Act; daily and weekly number of hours worked; deductions made; and actual wages paid. In addition, for Appalachian contracts, the payroll records shall contain a notation indicating whether the employee does, or does not, normally reside in the labor area as defined in Attachment A, paragraph 1.
Whenever the Secretary of Labor, pursuant to Section IV, paragraph 3b, has found that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis Bacon Act, the contractor and each subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, that the plan or program has been communicated in writing to the laborers or mechanics affected, and show the cost anticipated or the actual cost incurred in providing benefits. Contractors or subcontractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprentices and trainees, and ratios and wage rates prescribed in the applicable programs.

c. Each contractor and subcontractor shall furnish, each week in which any contract work is performed, to the SHA resident engineer a payroll of wages paid each of its employees (including apprentices, trainees, and helpers, described in Section IV, paragraphs 4 and 5, and watchmen and guards engaged on work during the preceding weekly payroll period). The payroll submitted shall set out accurately and completely all of the information required to be maintained under paragraph 2b of this Section V. This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal stock number 029-005-0014-1), U.S. Government Printing Office, Washington, D.C. 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors.

d. Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his/her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) that the payroll for the payroll period contains the information required to be maintained under paragraph 2b of this Section V and that such information is correct and complete;

(2) that such laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR 3;

(3) that each laborer or mechanic has been paid not less that the applicable wage rate and fringe benefits or cash equivalent for the classification of worked performed, as specified in the applicable wage determination incorporated into the contract.

e. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 2d of this Section V.

f. The falsification of any of the above certifications may subject the contractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 231.

g. The contractor or subcontractor shall make the records required under paragraph 2b of this Section V available for inspection, copying, or transcription by authorized representatives of
the SHA, the FHWA, or the DOL, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the SHA, the FHWA, the DOL, or all may, after written notice to the contractor, sponsor, applicant, or owner, take such actions as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR

1. On all Federal-aid contracts on the National Highway System, except those which provide solely for the installation of protective devices at railroad grade crossings, those which are constructed on a force account or direct labor basis, highway beautification contracts, and contracts for which the total final construction cost for roadway and bridge is less than $1,000,000 (23 CFR 635) the contractor shall:

   a. Become familiar with the list of specific materials and supplies contained in Form FHWA-47, "Statement of Materials and Labor Used by Contractor of Highway Construction Involving Federal Funds," prior to the commencement of work under this contract.

   b. Maintain a record of the total cost of all materials and supplies purchased for and incorporated in the work, and also of the quantities of those specific materials and supplies listed on Form FHWA-47, and in the units shown on Form FHWA-47.

   c. Furnish, upon the completion of the contract, to the SHA resident engineer on Form FHWA-47 together with the data required in paragraph 1b relative to materials and supplies, a final labor summary of all contract work indicating the total hours worked and the total amount earned.

2. At the prime contractor's option, either a single report covering all contract work or separate reports for the contractor and for each subcontract shall be submitted.

VII. SUBLETTING OR ASSIGNING THE CONTRACT

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the State. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635).

   a. "Its own organization" shall be construed to include only workers employed and paid directly by the prime contractor and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor, assignee, or agent of the prime contractor.

   b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid on the contract as a whole and in general are to be
limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph 1 of Section VII is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the SHA contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the SHA contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the SHA has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

VIII. SAFETY: ACCIDENT PREVENTION

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the SHA contracting officer may determine, to be 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.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

IX. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons
concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, the following notice shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project: **NOTICE TO ALL PERSONNEL ENGAGED ON FEDERAL-AID HIGHWAY PROJECTS**

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

*Shall be fined not more than $10,000 or imprisoned not more than 5 years or both.*"

**X. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $100,000 or more.)

By submission of this bid or the execution of this contract, or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.

2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.
3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section X in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

1. Instructions for Certification - Primary Covered Transactions:

   (Applicable to all Federal-aid contracts - 49 CFR 29)

   a. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.

   b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

   c. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.

   d. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

   e. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations.

   f. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the
department or agency entering into this transaction.

g. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the "Lists of Parties Excluded From Federal Procurement or Nonprocurement Programs" (Nonprocurement List) which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph f of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

   a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

   b. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

   c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in
paragraph 1b of this certification; and

d. Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

2. Instructions for Certification - Lower Tier Covered Transactions:

(Applicable to all subcontracts, purchase orders and other lower tier transactions of $25,000 or more - 49 CFR 29)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "primary covered transaction," "participant," "person," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * *

XII. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

(Applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000 - 49 CFR 20)

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

   a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.
**FHWA MEMORANDUM**

U.S. Department of Transportation  
Federal Highway Administration

<table>
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<tr>
<th>Subject: ACTION: The Discontinuance of the FHWA-45, FHWA-47 &amp; FHWA-810</th>
<th>Date: May 22, 2007</th>
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<tr>
<td>From: /s/ Original signed by Dwight Horne, Director Office of Program Administration</td>
<td>In Reply HIPA-10</td>
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<tr>
<td>To: Directors of Field Services Division Administrators Federal Lands Administrator</td>
<td>Refer to:</td>
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</table>

Effective immediately, Divisions and/or our State Transportation Agency (STA) partners will no longer be required to submit data to HIPA-10 that is collected as it relates to:

- The FHWA-45, Bid Price Data\(^1\),
- The FHWA-47, Statement of Materials and Labor Used by Contractors on Highway Construction Involving Federal Funds\(^2\), and
- The FHWA-810, Bid Tabulation Data\(^3\)

For several years, STAs have commented that the reports generated from the data collection efforts were of little utility and that there were statistical limitations, statistical significance, and accuracy issues with the data which were felt could result in misleading information. There was also a noted reporting burden on States and contractors. The suggestions have often been to eliminate the reporting requirements all together.

In 2003, the GAO conducted a review of the States' highway construction costs. As part of its review, the GAO reviewed FHWA's cost data collection requirements. In its discussions, the GAO also identified similar issues and concerns with the data series as discussed above. In a December 2003 report GAO made recommendations to FHWA to review the usefulness and accuracy and/or under reporting of the data collected.

As a result, FHWA has determined that it is appropriate to discontinue the reporting requirements for the FHWA 45, 47 and 810 as collection of this data for needed reports such as the "Highway Statistics" publication can be collected through other means. The main reasons for this decision are the strong disinterest in the data collection activities and comments provided to us by our STA partners suggesting that we are not collecting the data extensively enough to be of utility. We will also be going through an
Abridged regulatory update as appropriate to reflect this action. Please contact Bob Wright, at 202-366-4630, to answer any questions and/or for additional information on this matter.

The FHWA 45, Bid Price Data, was collected on NHS projects over $500,000. The FHWA 45 served as a means to compute the highway construction bid price index, which is published in the document "Price Trends for Federal-aid Highway Construction. The data was used in our "Highway Statistics" publication and by other outside sources, including its use by congressional committees in their deliberations on pending new highway legislation.

The FHWA 47, Statement of Materials and Labor Used by Contractors on Highway Construction Involving Federal Funds, was collected on all NHS projects over $1,000,000. The FHWA 47 served as a means to collect data related to the quantities of materials, supplies and labor used for various types of highway construction. The data reported on this form was used primarily to compute usage factors for these various materials, supplies, and labor. These factors were used to determine the economic impacts of cuts or increases in the cost of Federal-aid highway construction.

FHWA 810, Bid Tabulation Data was collected on all NHS projects. The needs for the FHWA 810 have been to compute national summaries on the largest contract awards and contract size statistics. The data was also used to produce state-by-state summaries on contracts awards, number of bids and average number of bids.
U.S. Department of
Transportation
Federal Highway
Administration

Subject: ACTION: The Discontinuance of the FHWA-45, FHWA-47 & FHWA-810

From: /s/ Original signed by
Dwight Horne,
Director Office of Program Administration

To: Directors of Field Services
Division Administrators
Federal Lands Administrator

Date: May 22, 2007

In Reply HIPA-10
Refer to:

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1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

2. The goals for female and minority participation, expressed in percentage terms of the Contractor's aggregate work force in each trade on all construction works in the covered area, are as follows:

   Females- 6.9%
   Minorities - See Attachment "A"

The goals are applicable to all the Contractor's construction work performed in the covered area, whether or not it is Federal or federally assisted. If the Contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications, set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals established herein. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executives Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 workings days the award of any construction subcontract in excess of $10,000 at any tier for construction works under this contract. The notification shall list the name, address and telephone number of the subcontractor, employer identification number, estimated dollar amount of the subcontract, estimated starting and completion dates of the subcontract and the geographical area in which the contract is to be performed.

   STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
   CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246)

1. As, used in this provision:

   a. "Covered area" means the geographical area described in the solicitation from which this contract resulted;
b. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;

c. "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;

d. "Minority" includes:

(i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);

(ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);

(iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and

(iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of $10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation.

3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U. S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors and Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor’s or Subcontractor’s failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7 a through p of these specifications. The goals set forth m the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the coverer area. Covered construction Contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor’s obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U. S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:

   a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, shall assign two or more women to each construction project. The Contractor shall specifically ensure that all foreman, superintendents and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites in such facilities.

   b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

   c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off the street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union, or if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the Contractor may have taken.

   d. Provide immediate written notification to the Director when the union or unions which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or women sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

   e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs
f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper or annual report; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents and General Foremen prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed and disposition of the subject matter.

h. Disseminate the Contractor's EEO policy externally by including in any news media advertisement that the Contractor is "An Equal Opportunity Employer" for minority and female, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

i. Directs its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures and tests to be used in the selection process.

j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of Contractor's workforce.

k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.

l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for such opportunities through appropriate training or other means.

m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
n. Ensure that all facilities and company activities are nonsegregated, except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

p. Conduct a review, at least annually, of all supervisors’ adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. Goals for women have been established. However, the Contractor IS required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner, that is even thought the Contractor has achieved its goals for women, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized.

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex or nation origin.

11. The Contractor shall not enter into any Subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246. as amended.

13. The Contractor, in fulfilling its obligations under these specifications shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director will proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate and make known to the Department a responsible official as the EEO Officer to monitor all employment related activity, to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, Contractors will not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

ATTACHMENT A

<table>
<thead>
<tr>
<th>Economic Area</th>
<th>Goal (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia:</td>
<td></td>
</tr>
<tr>
<td>021 Roanoke-Lynchburg, VA</td>
<td></td>
</tr>
<tr>
<td>SMSA Counties:</td>
<td></td>
</tr>
<tr>
<td>4640 Lynchburg, VA</td>
<td>................................................................. 19.3</td>
</tr>
<tr>
<td>VA Amherst; VA Appomattox; VA Campbell; VA Lynchburg</td>
<td></td>
</tr>
<tr>
<td>6800 Roanoke, VA</td>
<td>................................................................. 10.2</td>
</tr>
<tr>
<td>VA Botetourt; VA Craig; VA Roanoke; VA Roanoke City; VA Salem</td>
<td></td>
</tr>
<tr>
<td>Non-SMSA Counties</td>
<td>................................................................. 12.0</td>
</tr>
<tr>
<td>VA Alleghany; VA Augusta; VA Bath; VA Bedford; VA Bland; VA Carroll; VA Floyd; VA Franklin; VA Giles; VA Grayson; VA Henry; VA Highland; VA Montgomery; VA Nelson; VA Patrick; VA Pittsylvania; VA Pulaski; VA Rockbridge; VA Rockingham; VA Wythe; VA Bedford City; VA Buena Vista; VA Clifton Forge; VA Covington; VA Danville; VA Galax; VA Harrisonburg; VA Lexington; VA Martinsville; VA Radford; VA Staunton; VA Waynesboro; WV Pendleton.</td>
<td></td>
</tr>
<tr>
<td>022 Richmond, VA</td>
<td></td>
</tr>
<tr>
<td>SMSA Counties:</td>
<td></td>
</tr>
<tr>
<td>6140 Petersburg - Colonial Heights - Hopewell, VA</td>
<td>................................................................. 30.6</td>
</tr>
<tr>
<td>VA Dinwiddie; VA Prince George; VA Colonial Heights; VA Hopewell; VA Petersburg.</td>
<td></td>
</tr>
<tr>
<td>6760 Richmond, VA</td>
<td>................................................................. 24.9</td>
</tr>
</tbody>
</table>
VA Charles City; VA Chesterfield; VA Goochland, VA Hanover; VA Henrico; VA New Kent; VA Powhatan; VA Richmond.

Non-SMSA Counties ................................................................. 27.9
VA Albemarle; VA Amelia; VA Brunswick; VA Buckingham, VA Caroline; VA Charlotte; VA Cumberland; VA Essex; VA Fluvanna; VA Greene; VA Greensville; VA Halifax; VA King and Queen; VA King William; VA Lancaster; VA Louisa; VA Lunenburg; VA Madison; VA Mecklenburg; VA Northumberland; VA Nottoway; VA Orange; VA Prince Edward; VA Richmond VA Sussex; VA Charlottesville; VA Emporia; VA South Boston

023 Norfolk - Virginia Beach - Newport News VA:
SMSA Counties:
5680 Newport News- Hampton, VA ........................................... 27.1
VA Gloucester; VA James City; VA York; VA Hampton; VA Newport News; VA Williamsburg.
5720 Norfolk - Virginia Beach - Portsmouth, VA - NC .............. 26.6
NC Currituck; VA Chesapeake; VA Norfolk; VA Portsmouth; VA Suffolk; VA Virginia Beach.

Non-SMSA Counties ................................................................. 29.7
NC Bertie; NC Camden; NC Chowan; NC Gates; NC Hertford; NC Pasquotank; NC Perquimans; VA Isle of Wight; VA Matthews; VA Middlesex; VA Southampton; VA Surry; VA Franklin.

Washington, DC: 020 Washington, DC.
SMSA Counties:
8840 Washington, DC - MD - VA ................................................. 28.0
DC District of Columbia; MD Charles; MD Montgomery MD Prince Georges; VA Arlington; VA Fairfax; VA Loudoun; VA Prince William VA Alexandria; VA Fairfax City; VA Falls Church.

Non-SMSA Counties ................................................................. 25.2
MD Calvert; MD Frederick; MD St. Marys: MD Washington; VA Clarke; VA Culpeper; VA Fauquier; VA Frederick; VA King George; VA Page; VA Rappahannock; VA Shenandoah; VA Spotsylvania; VA Stafford; VA Warren: VA Westmoreland; VA Fredericksburg; VA Winchester WV Berkeley; WV Grant; WV Hampshire; WV Hardy; WV Jefferson; WV Morgan.

Tennessee: 052 Johnson City - Kingsport - Bristol, TN - VA
SMSA Counties:
3630 Johnson City - Kingsport -Bristol, TN-VA ............................. 2.6
TN Carter; TN Hawkins; TN Sullivan; TN Washington; VA Scott: VA Washington; VA Bristol.

Non-SMSA Counties ................................................................. 3.2
TN Greene; TN Johnson; VA Buchanan; VA Dickenson; VA Lee; VA Russell; VA Smyth; VA Tazewell; VA Wise; VA Norton; WV McDowell; WV Mercer.

Maryland: 019 Baltimore MD
Non-SMSA Counties ................................................................. 23.6
MD Caroline; MD Dorchester; MD Kent; MD Queen Annes; MD Somerset;
MD Talbot; MD Wicomico; MD Worcester; VA Accomack; VA Northampton.
NA = Firm Not Claiming DBE/SWAM Status
YS = SWAM Firm Certified by DMBE.  Indicate whether small, woman-owned, or small business.

DMBE is the Virginia Department of Minority Business Enterprise
AGREEMENT NO. 241-10-1

EXHIBIT A

SCOPE OF WORK

A. PROJECT TASKS
Task orders issued under the contract resulting from this solicitation will fall within one of the Specialization Areas. Project tasks will vary depending on the nature of the specific project. The Contractor regardless of Specialization Area may be asked to perform one or more of the Project Support Services described below.

All work shall be completed to Arlington County standards, Virginia Department of Transportation (VDOT) standards, or other Federal standards as identified, depending on the scope of work.

B. SPECIALIZATION AREAS
The types of work that may be assigned per Specialization Area are described below. These work descriptions are intended to be examples and not an all-inclusive listing.

1. Transportation Planning
Transportation planning tasks include planning studies to determine the feasibility of a proposed project, and to identify and evaluate associated multi-modal transportation opportunities and impacts. Work may include establishing project purpose and goals, providing an inventory of existing conditions, developing conceptual planning layouts, proposing and analyzing alternate improvements, identifying state and federal requirements including environmental issues, performing research studies, and writing technical reports to document the study process and results.

Examples of potential work tasks include, but are not limited to:

- Strategic transportation plans
- Neighborhood conditions assessments
- Transportation Demand Management (TDM) reports and compliance reviews
- Traffic calming studies
- Regional transportation plans
- Small area plans
- Transportation demand modeling.

2. Traffic Engineering, Operations, and Intelligent Transportation System (ITS)
Traffic Engineering, Operations, and ITS work includes transportation facilities planning, analysis, and design in support of safe and efficient operations of the multi-modal transportation system.

Examples of potential work tasks include, but are not limited to:

- Traffic data collection, such as traffic, pedestrian, bicycle, and transit counts, and origin-destination surveys
- Traffic impact studies including traffic forecasting and capacity analysis
The prime consultant is responsible for submitting the information requested below on all firms on the project team, both prime and all subconsultants. All firms are to be reported on one combined sheet unless the number of firms requires the use of an additional sheet. Failure to submit all of the required data will result in the Expression of Interest not being considered.

<table>
<thead>
<tr>
<th>Firm's Name, Address and DBE and/or SWAM Certification Number</th>
<th>Firm's DBE or SWaM Status *</th>
<th>Firm's Age</th>
<th>Firm's Annual Gross Receipts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kimley-Horn and Associates, Inc. 1700 Willow Lawn Drive, Suite 200 Richmond, VA 23230</td>
<td>NA</td>
<td>44</td>
<td>$350.6 million</td>
</tr>
<tr>
<td>108 Group (DBE #: 679712) 370 Selby Ave, Suite 206 St. Paul, MN 55102</td>
<td>YD</td>
<td>19</td>
<td>$2 million (3 year average)</td>
</tr>
<tr>
<td>Carvalho &amp; Good, PLLC 1025 Connecticut Avenue, NW suite 1060 Washington, D.C. 20036</td>
<td>N</td>
<td>2</td>
<td>$250,000</td>
</tr>
<tr>
<td>Commonwealth Cultural Resources Group, Inc. DBA Coastal Carolina Research P.O. Box 1198 1601 St. Andrew St. Tarboro, NC 27886</td>
<td>YS Small Business</td>
<td>21</td>
<td>$4.45 million</td>
</tr>
<tr>
<td>Edwards Utility Mapping Corp. (DBE #: 679875 SWaM #: 679875) 11 Marsh Run Road Fredericksburg, VA 22406</td>
<td>YD/YS</td>
<td>2</td>
<td>$252,000</td>
</tr>
<tr>
<td>AG Samuel Group, Inc. (DBE #:653489: SWaM #:653489) dba Foursquare Integrated Transportation Planning 6 Hollyberry Court Rockville, MD 20852</td>
<td>YD/YS</td>
<td>5</td>
<td>$152,000</td>
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<tr>
<td>GeoConcepts Engineering Inc. 19955 Highland Vista Dr., Suite 170 Ashburn, VA 20147</td>
<td>YS</td>
<td>12</td>
<td>$5,836,264</td>
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<tr>
<td>KDR Real Estate Services 2500 Grenoble Road Richmond, Virginia 23294</td>
<td>YS</td>
<td>9</td>
<td>$.8 million</td>
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<tr>
<td>KGP Design Studio LLC 1099 14th St NW Suite 101L Washington, DC 20005</td>
<td>YD</td>
<td>11</td>
<td>$1.2 million</td>
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<tr>
<td>LSG (former name Lewis Scully Gionet as listed by VA DMBE) 1919 Gallows Road #110 Vienna, VA 22182</td>
<td>YS</td>
<td>26</td>
<td>$2.24 million</td>
</tr>
<tr>
<td>Company</td>
<td>Certification</td>
<td>Years</td>
<td>Revenue</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>MBP</td>
<td>NA</td>
<td>22</td>
<td>$46.3 million</td>
</tr>
<tr>
<td>Michael Baker</td>
<td>NA</td>
<td>71</td>
<td>$499 million</td>
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<tr>
<td>Nelson/Nygaard Consulting Associates</td>
<td>NA</td>
<td>24</td>
<td>$12 million</td>
</tr>
<tr>
<td>Rice Associates, Inc. (SWaM #: 8406S)</td>
<td>YS</td>
<td>25</td>
<td>$6.5 million</td>
</tr>
<tr>
<td>Sabra, Wang &amp; Associates, Inc. (DBE #: 000982)</td>
<td>YD/YS</td>
<td>13</td>
<td>$9 million</td>
</tr>
</tbody>
</table>

* YD = DBE Firm Certified by DMBE
* YS = SWaM Firm Certified by DMBE.

DMBE is the Virginia Department of Minority Business Enterprise
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS
(To be completed by a Prime Consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

   a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

   b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

   c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the Offenses enumerated in paragraph 1) b) of this certification; and

   d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature]

6/7/11

Date

Project Manager/Sr. Associate

Title

Kimsey-Horn and Associates, Inc.

Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWEST TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature] 6/6/2011 [President]

[Date] [Title]

THE 106 GROUP LTD.

[Name of Firm]
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature]
05/27/2011
Principal

[Title]

[Name of Firm]
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

[Signature] 5/18/2011 [CE0]
Signature  Date  Title

Commonwealth Cultural Resources Group, Inc.
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature] May 20, 2011 President
[Signature] Date Title

Edwards Utility Mapping Corp.
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature] 5/23/11 [Date] Lora Byala, President

[Signature] 5/23/11 [Date] Title

AG Samuel Group, Inc. dba Foursquare Integrated Transportation Planning

Name of Firm

107
241-10
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

[Signature] May 18, 2011 President [Title]

GeoConcepts Engineering, Inc.
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature] 6/6/11 [President]

[Signature] Date [Title]

KDR Real Estate Services
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

[Signature] [5/30/11] [Managing Principal]
[Date] [Title]

K 67 Design Studio LLC
[Name of Firm]
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

[Signature]
May 23, 2011 Principal

[Signature]
Date Title

LSG Landscape Architecture

[Signature]
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

[Signature] [May 23, 2011] [Senior Vice President, Regional Manager]
[Date] [Title]

MBP
Name of Firm

107
241-10
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature 8/3/11 Director or Preservation | Principal in Charge

Date Title

Michael Baker Jr., Inc.

Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

[Signature]
6/2/2011

Date

COO and Principal

Title

Nelson Nygaard Consulting Associates

Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and
Construction and Project Management Services

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excluded from participation in this transaction by any Federal department or
agency.

2) Where the prospective lower tier participant is unable to certify to any
of the statements in this certification, such prospective participant shall
attach an explanation to this proposal.
The undersigned makes the foregoing statements to be filed with the proposal
submitted on behalf of the Offeror for contracts to be let by the
Commonwealth Transportation Board.

Signature
May 27, 2011
President
Date
Title

Rice Associates, Inc.
Name of Firm
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by a Sub-consultant)

Project: Provisions of Multimodal Transportation Planning, Design and Construction and Project Management Services

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature ____________________________
Date ________________
Principal ____________________________
Title ____________________________


Name of Firm