



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

**CONTRACT AWARD COVERPAGE**

**TO:** R.E. LEE ELECTRIC COMPANY, INC.  
8207 BACKLICK ROAD  
LORTON, VIRGINIA 22079

**DATE ISSUED:** JULY 15, 2023  
**CONTRACT NO:** 23-DES-ITBPW-631  
**CONTRACT TITLE:** On-call Traffic Signal Construction and Maintenance

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**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.**

The contract documents consist of the terms and conditions of AGREEMENT No. 23-DES-ITBPW-631 including any attachments or amendments thereto.

**EFFECTIVE DATE:** July 25, 2023

**EXPIRES:** June 30, 2024

**RENEWALS:** THIS IS THE FIRST YEAR AWARD NOTICE OF A POSSIBLE FIVE-YEAR CONTRACT.

**COMMODITY CODE(S):** 93686,96880

**LIVING WAGE:** N

**ATTACHMENTS:**

AGREEMENT No. 23-DES-ITBPW-631

**EMPLOYEES NOT TO BENEFIT:**

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

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**VENDOR CONTACT:** Connie Wiley

**VENDOR TEL. NO.:** (703) 550-7500

**EMAIL ADDRESS:** [leeelectric@aol.com](mailto:leeelectric@aol.com)

**COUNTY CONTACT:** Anup Kafle (DES – TE&O)

**COUNTY TEL. NO.:** (703) 228-7050

**COUNTY CONTACT EMAIL:** [akafle@ARLINGTONVA.US](mailto:akafle@ARLINGTONVA.US)

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**PURCHASING DIVISION AUTHORIZATION**

**Sy Gezachew**

**Title Procurement Officer**

**Date July 25, 2023**



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

**AGREEMENT NO. 23-DES-ITBPW-631**

THIS AGREEMENT is made, on 7/25/2023, between **R.E. Lee Electric Company, Inc. 8207 Backlick Road, Lorton, Virginia 22079** ("Contractor") a Virginia 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:

**1. CONTRACT DOCUMENTS**

The Contract Documents consist of:

- Agreement No. 23-DES-ITBPW-631, and all modifications properly incorporated into the Agreement
- Exhibit A – Arlington County Invitation to Bid No. 23-DES-ITBPW-631, including DES General Conditions, Special Conditions, and Supplementary Specifications, included herein by reference
- Exhibit B – Specifications, Drawings and Construction Notes, included herein by reference
- Exhibit C – Virginia Department Of Labor And Industry Wage Determination Decision
- Exhibit D – Price Bid of Contractor
- Exhibit E – Traffic Signal Pole Foundation Design
- Exhibit F – Lane Closure Guidelines
- Exhibit G – State and Federal Roads in Arlington Co., VA
- Exhibit H– Contractor Performance Evaluation Form

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 will prevail over the other Contract Documents, and the remaining Contract Documents will be complementary to each other. If there are any conflicts, the most stringent terms or provisions will prevail.

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 party has made any representation or promise with respect to the parties' agreement that is not contained in the Contract Documents. The Contract Documents may be referred to below as the "Contract" or the "Agreement".

**2. SCOPE OF WORK**

The Contractor will furnish all labor, materials, and equipment for on-call traffic construction services for traffic signal upgrades, maintenance of traffic signals, and its infrastructures throughout the County (the

“Project”) and all other work shown, described, and required by the Contract Documents (hereinafter “the Work”).

The Work shall be performed according to the standards established by the Contract Documents read together as a single specification. It shall be the Contractor's responsibility, at solely the Contractor's cost, to provide 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.

### **3. PROJECT OFFICER**

The performance of the Contractor is subject to the review and approval of the County Project Officer identified in Section \_\_\_\_, Notices, unless the Contractor is otherwise notified in writing.

### **4. CONTRACT TERM**

The term of this Agreement will commence on the day of execution of the contract by the County and shall be completed no later than June 30, 2024 (“Initial Contract Term”), subject to any written modifications as provided for in the Contract Documents. Upon completion of the Initial Term, County and Contractor may agree, through bilateral execution of a Notice of Renewal, continued operations of the Contractor for not more than four additional twelve (12) month periods from July 1, 2024 to June 30, 2028 (each a “Subsequent Contract Term”). The Initial Contract Term and any Subsequent Contract Term(s) are together the “Contract Term”.

### **5. CONTRACT AMOUNT**

The County will pay the Contractor in accordance with the terms of the Progress Payments and Retainage and Payment Terms sections below and at the prices shown in Exhibit D for the Contractor's completion of the Work as required by the Contract Documents provided the Work is performed to the satisfaction of and is accepted by the Project Officer. The Contractor will complete the Work for the total amount specified in this section (“Contract Amount”) unless such amount is modified as provided in this Agreement. The Contract Amount includes all of the Contractor's costs and fees (profit) and is inclusive of all anticipated or known site conditions, anticipated or known materials, labor, and equipment costs, or any other costs which should reasonably have been expected by the Contract Documents.

### **6. CONTRACT PRICE ADJUSTMENTS**

The Contract Amount/unit price(s) will remain firm until June 30, 2024 (“Price Adjustment Date”). To request a price adjustment, the Contractor or the County must submit a written request to the other party not less than 90 days before the Price Adjustment Date. Adjustments to the unit price(s) will not exceed the percentage of change in the Engineering News Record (ENR) Construction Cost Index (CCI), 20-city average, for the 12 months of statistics available at the time of the Contract’s renewal.

Any Contract Amount/unit price(s) that result from this provision will become effective the day after the Price Adjustment Date and will be binding for 12 months. The new Price Adjustment Date will be 12 months after the price adjustment.

If the Contractor and the County have not agreed on a requested adjustment by 30 days before the Price Adjustment Date, the County may not renew the Contract, whether or not the County has previously elected to renew the Contract’s term.

**7. PROGRESS PAYMENTS AND RETAINAGE**

The County will make monthly progress payments to the Contractor upon written application by the Contractor, on the basis of a written estimate of the work performed during the preceding calendar month as approved by the Project Officer. However, 5% of each progress payment will be retained by the County until Final Completion and acceptance of all Work covered by the Agreement.

All material and work covered by partial payments will become the property solely of the County at the time the partial payment is made. However, the Contractor will have the sole responsibility, care and custody for all materials and work upon which payments have been made until Substantial Completion. When calculating payment for materials on-site, the County shall not pay for materials which are not scheduled for incorporation into the Work within sixty (60) days from the date of application for payment.

**8. PAYMENT TERMS**

The Contractor must submit invoices to the County's Project Officer, who will either approve the invoice or require corrections. The County will pay the Contractor 45 days after approval of an invoice for completed work which is reasonable and allocable to the Contract. All payments will be made from the County to the Contractor via ACH. The number of the County Purchase Order pursuant to work has been performed must appear on all invoices.

**9. PAYMENT OF SUBCONTRACTORS**

The Contractor is wholly responsible for the entire amount owed to any subcontractor with which the Contractor contracts in the performance of this Agreement, regardless of whether the Contractor has received payment from the County. The Contractor is not liable for amounts that are not owed as a result of the subcontractor's breach of its agreement with the Contractor, in which case the Contractor must notify the subcontractor in writing of its intention to withhold payment, in full or in part, and the reason for doing so.

The Contractor is obligated to take one of the two following actions within seven days after receipt of payment 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 to the subcontractor that remain unpaid after seven 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 subsection b., above. Unless otherwise provided under the terms of this Contract, interest will accrue at the rate of 1% per month.

The Contractor must include in each of its subcontracts, if any are permitted, 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 this section 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.

**10. PREVAILING WAGE CONTRACT REQUIREMENTS**

- A. Section 4-104 of the Arlington County Purchasing Resolution (regarding "Prevailing Wage") applies to this Contract. All employees of the Contractor and any subcontractors shall be paid wages, salaries, benefits, and other remuneration at or above the craft or trade category prevailing wage rate indicated by Virginia Commissioner of Labor and Industry (DOLI) and as listed in the contract.

The Contractor and its subcontractors shall submit all certified payrolls and statements of compliance weekly through the [eComply website](#). If the Contractor or any subcontractor does not have an eComply profile, a one-time registration process immediately following the Notice of Award or Notice of Intent to Award and training on system functionality are required for each non-registered entity. The Contractor shall also be responsible for reviewing subcontractor payrolls and ensuring that contract requirements are met.

In addition to applying the prevailing wage rates to its own employees, the Contractor shall include the provisions of this Article 4-104 in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor agrees to assume the obligation that the wage requirements will be observed in fulfilling the requirements of the Contract. The appropriate enforcement sanctions will be invoked against the Contractor and any such subcontractor in the event of such subcontractor's failure to comply with any of the provisions of this Article 4-104.

All wage rates to be used are listed in this Contract in Exhibit C. While DOLI maintains a list of wage determinations online for reference purposes, only the wage determinations made in an official Wage Determination Decision, sent by DOLI to Arlington County, can be used to ascertain the exact rates to be paid for this Contract.

All rates are determined by DOLI and any appeals of specific classification may be made through the Wage Determination Appeal form available at <http://www.doli.virginia.gov/wp-content/uploads/2021/04/Appeal-for-Wage-Determination-Clarification.pdf>.

- B. Upon award of the Contract, the Contractor shall certify, under oath, to the Virginia Commissioner of Labor and Industry and to the County Prevailing Wage Compliance Manager, the pay scale for each craft and trade to be employed for, or to provide labor for, in the Work by the Contractor and any subcontractors. The Contractor's certification shall include all information required by the Code of Virginia § 2.2-4321.3G.
- C. The Contractor shall ensure that each individual providing labor as a mechanic, laborer, worker or equivalent shall be accurately classified in confirmation with the Wage Determination.
- D. The Contractor shall post the prevailing wage rate for each craft and classification involved as determined by DOLI, including the effective date, in a prominent and easily accessible place at the work site during the time work is being performed. The posting must be in English and any other language that is primarily spoken by the individuals at the work site. Within 10 days of such posting the Contractor shall certify to the County Prevailing Wage Compliance Manager

and DOLI its compliance with this subsection at [https://www.doli.virginia.gov/wp-content/uploads/2021/04/PW\\_Posting\\_Compliance\\_Form.pdf](https://www.doli.virginia.gov/wp-content/uploads/2021/04/PW_Posting_Compliance_Form.pdf);

- E. The Contractor must fully cooperate with the County Prevailing Wage Compliance Manager to ensure contract compliance requirements ,including but not limited to site visits, wage rate signage, contractor employee interviews, and the submission of certified payroll records.
- F. The Contractor must submit to the County Prevailing Wage Compliance Manager and DOLI, within five (5) working days of the end of each month, certification for each craft or trade employed on the project, specifying the total hourly amount paid to employees, including wages and applicable fringe benefits using the Pay Scale Certification Form at <https://www.doli.virginia.gov/wp-content/uploads/2021/04/DOLI-Pay-Scale-Certification-for-Public-Works-Projects.pdf>. The certification must itemize the amount paid in wages and each applicable benefit and list the names and addresses of any third party fund, plan or program to which benefit payments will be made on behalf of employees.
- G. The Contractor shall indemnify and hold harmless the County from any fines, demands, claims, suits, and damages, including attorney's fees, resulting from the Contractor's or any subcontractor's failure to pay the Prevailing Wage.
- H. The Contractor and its subcontractors shall keep, maintain, and preserve (i) records relating to the wages paid to and hours worked by each individual performing the work of any mechanic, laborer, or worker; and (ii) a schedule of the occupation or work classification at which each individual performing the work of any mechanic, laborer, or worker on the construction project is employed each work day and week. The Contractor and its subcontractors shall make such records available to the Prevailing Wage Compliance Manager within 10 days of a request or per a regular schedule established in the Contract, and shall certify that records reflect the actual hours worked and the amount paid to its workers for whatever time period is requested. The Contractor and its subcontractors must preserve these records for a period of six (6) years after the expiration or earlier termination of the applicable contract.
- I. Any Contractor or subcontractor who pays any mechanic, laborer, or worker for services under this Contract less than the Prevailing Wage shall be liable to such individuals for the payment of all wages due, plus interest at an annual rate of eight percent (8%) from the dates wages were due; and shall be disqualified from bidding on public contracts with any public body until the Contractor or subcontractor has made full restitution. A willful violation of Article 4-104 is a Class I misdemeanor.
- J. For questions regarding Prevailing Wage, please email [prevailingwage@arlingtonva.us](mailto:prevailingwage@arlingtonva.us).

#### **11. RELEASE AND REQUEST FOR FINAL PAYMENT**

In order to receive final payment upon Final Completion of the Project and before Final Acceptance, the Contractor must submit to the Project Officer a signed original notarized copy of the Arlington County Release and Request for Final Payment form per the General Conditions.

#### **12. LIQUIDATED DAMAGES**

Time is of the essence under this Contract. Each Task Order must be completed within the Time for Completion. The County and the Contractor agree that damages for failure to achieve Final Completion of

a Task by the date specified under Time for Completion are not susceptible to exact determination but that \$500.00 per calendar day is in proportion to the actual loss that the County would suffer from such delay. Therefore, the Contractor will pay the County as liquidated damages \$500.00 per day for each and every day beyond the time for Final Completion that the County determines Final Completion of a Task has not achieved.

The County will be entitled to deduct liquidated damages against any sums owed by the County to the Contractor under this Contract. The Contractor hereby waives any defense as to the validity of any liquidated damages on grounds that such liquidated damages are void as penalties or are not reasonably related to actual damages.

**13. NON-APPROPRIATION**

All payments by the County to the Contractor pursuant to this Contract are subject to the availability of an annual appropriation for this purpose by the County Board of Arlington County, Virginia ("Board"). In the event that the Board does not appropriate funds for the goods or services provided under this Contract, the County will terminate the Contract, without termination charge or other liability to the County, on the last day of the fiscal year or when the previous appropriation has been spent, whichever occurs first.

**14. ESTIMATED QUANTITIES/NON-EXCLUSIVITY OF CONTRACTOR**

This Contract does not obligate the County to purchase a specific quantity of items or services during Contract Term. Any quantities that are included in the Contract Documents are the present expectations of the County for the period of the Contract; and the County is under no obligation to buy that 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 County may require more goods and/or services than the estimated annual quantities, and any such additional quantities will not give rise to any claim for compensation other than at the unit prices and/or rates in the Contract.

The County does not guarantee that the Contractor will be the exclusive provider of the goods or services covered by this Contract. The items or services covered by this Contract may be or become available under other County contract(s), and the County may determine that it is in its best interest to procure the items or services through those contract(s).

**15. COUNTY PURCHASE ORDER REQUIREMENT**

County purchases are authorized only if the County issues a Purchase Order in advance of the transaction, indicating that the ordering County agency has sufficient funds available to pay for the purchase. If the Contractor provides goods or services without a signed County Purchase Order, it does so at its own risk and expense. The County will not be liable for payment for any purchases made by its employees that are not authorized by the County Purchasing Agent.

**16. LIEN**

It is expressly agreed that after any payment has been made by the County either to the Contractor for work done, or labor or material supplied under the Contract, the County will have a lien upon all material delivered to the site either by the Contractor, or for the Contractor, which is to be used in the performance of the Contract.

**17. VALUE ENGINEERING PROPOSAL (VE)**

Unless otherwise provided, the Contractor may submit to the County a written VE for modifying the plans, specifications, or other requirements of the Agreement covering the work (Contract) for the purpose of reducing the total cost of the Contract without reducing the design capacity or quality of the finished product. If the VEP is accepted by the County, the net savings will be equally divided by the County and the Contractor.

Each VEP shall result in a net savings over the Contract cost without impairing essential functions and characteristics of the item(s) or of any other part of the project, including, but not limited to, service life, reliability, economy of operation, ease of maintenance, aesthetics, and safety. At least the following information shall be submitted with each VE:

- (a) a statement that the proposal is submitted as a VE;
- (b) a statement concerning the basis for the VE, benefits to the County, and an itemization of the Contract items and requirements affected by the VE;
- (c) a detailed estimate of the cost under the existing Contract and under the VE;
- (d) proposed specifications and recommendations as to the manner in which the VE changes are to be accomplished; and
- (e) a statement as to the time by which a Contract Amendment adopting the VE must be issued so as to obtain the maximum cost-effectiveness.

The County will process the VE in the same manner as prescribed for any other proposal that would necessitate issuance of an Amendment. The County may accept a VE in whole or part by issuing an Amendment that will identify the VE on which it is based. The County will not be liable to the Contractor for failure to accept or act on any VE submitted pursuant to these requirements or for delays in the work attributable to any VE. Until a VE is put into effect by an Amendment, the Contractor shall remain obligated to the terms and conditions of the existing Agreement. If an executed Amendment has not been issued by the date on which the Contractor's proposal specifies that a decision should be made or such other date as the Contractor may subsequently have specified in writing, the VE shall be deemed rejected.

The Amendment effecting the necessary modification of the Contract will establish the net savings agreed on, provide for adjustment of the contract prices, and indicate the net savings. The Contractor shall absorb all costs incurred in preparing a VE. Reasonably incurred costs for reviewing and administering a VE will be borne by the County. The County may establish any reasonable conditions it deems appropriate for consideration, approval, and implementation of the VE. The Contractor's 50 percent share of the net savings shall constitute full compensation to it, including by way of illustration and not limitation compensation for time, for effecting all changes pursuant to the Amendment.

Unless specifically provided for in the Amendment authorizing the VE, acceptance of the VE and performance of the work thereunder will not change the Contract Term limit.

The County may adopt a VE for general use in contracts administered by the County if it determines that the VE is suitable for application to other contracts. A VE identical with or similar to a previously submitted VE will be eligible for consideration and compensation under these provisions if it has not been previously adopted for general application to other contracts administered by the County. When a VE is adopted for

general use, compensation pursuant to these requirements will be applied only to those awarded contracts for which the VE was submitted prior to the date of adoption of the VE.

If a VEP is based on or is similar to a change in the plans, specifications, or special provisions adopted by the County prior to submission of the VE, as determined by the County, the County will not accept the VE.

The County will be the sole judge of the acceptability of a VE. The requirements herein apply to each VE initiated, developed, and identified as such by the Contractor at the time of its submission to the County. However, nothing herein shall be construed as requiring the County to consider or approve a VE, and the decision to enter into an Amendment to the contract to accommodate a VE shall be in the County's sole discretion.

Subject to the provisions contained herein, the County, or any other public agency with the County's permission, shall have the right to use all or part of an accepted VE without obligation or compensation of any kind to the Contractor.

If a VE is accepted by the County, any provisions herein that pertain to the adjustment of contract unit prices attributable to alterations of contract quantities will not apply to the items adjusted or deleted as a result of putting the VE into effect by an Amendment.

**18. EMPLOYMENT DISCRIMINATION BY CONTRACTOR PROHIBITED**

During the performance of its work pursuant to this Contract:

- A. The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, sexual orientation, gender identity, national origin, age, disability or on any other basis prohibited by state law. 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. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation will be deemed sufficient for meeting the requirements of this section.
- C. The Contractor will state in all solicitations or advertisements for employees that it places or causes to be placed that such Contractor is an Equal Opportunity Employer.
- D. The Contractor will comply with the provisions of the Americans with Disabilities Act of 1990 ("ADA"), which prohibits discrimination against individuals with disabilities in employment and mandates that disabled individuals be provided access to publicly and privately provided services and activities.
- E. The Contractor must include the provisions of the foregoing paragraphs in every subcontract or purchase order of more than \$10,000.00 relating to this Contract so that the provisions will be binding upon each subcontractor or vendor.

**19. EMPLOYMENT OF UNAUTHORIZED ALIENS PROHIBITED**

In accordance with §2.2-4311.1 of the Code of Virginia, as amended, the Contractor must not during the performance of this Contract knowingly employ an unauthorized alien, as that term is defined in the federal Immigration Reform and Control Act of 1986.

**20. DRUG-FREE WORKPLACE TO BE MAINTAINED BY CONTRACTOR**

During the performance of this Contract, the Contractor must: (i) provide a drug-free workplace for its 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 violating 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 more than \$10,000.00 relating to this Contract so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "workplace" means the site(s) for the performance of the work required by this Contract.

**21. \*SEXUAL HARASSMENT POLICY**

If the Contractor employs more than five employees, the Contractor shall (i) provide annual training on the Contractor's sexual harassment policy to all supervisors and employees providing services in the Commonwealth, except such supervisors or employees that are required to complete sexual harassment training provided by the Department of Human Resource Management, and (ii) post the Contractor's sexual harassment policy in (a) a conspicuous public place in each building located in the Commonwealth that the Contractor owns or leases for business purposes and (b) the Contractor's employee handbook.

**22. PROJECT STAFF**

The County has the right to reasonably reject staff or subcontractors whom the Contractor assigns to the Project. The Contractor must then 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 its subcontractors is the sole responsibility of the Contractor.

**23. FAILURE TO DELIVER**

If the Contractor fails to deliver goods or services in accordance with the Contract terms and conditions, the County, after notice to the Contractor, may procure the goods or services from other sources and hold the Contractor responsible for any resulting additional purchase and administrative costs. The County shall be entitled to offset such costs against any sums owed by the County to the Contractor. However, if public necessity requires the use of nonconforming materials or supplies, they may be accepted at a reduction in price to be determined solely by the County.

**24. UNSATISFACTORY WORK**

If any of the work done, or material, goods, or equipment provided by the Contractor, is unsatisfactory to the County the Contractor must, upon notice from the County, immediately remove at the Contractor's expense such unsatisfactory work, material, goods, or equipment and replace the same with work, material, goods, or equipment satisfactory to the County. If the Contractor fails to do so after fifteen (15) days the County shall have the right to remove or replace the rejected work, material, goods, or equipment at the expense of the Contractor and offset the expense and administrative costs against any sums owed to the Contractor. This provision applies during the Contract term and during any warranty or guarantee period. At the Project Officer's discretion, rather than correction or replacement of the work, an appropriate adjustment to the Contract Amount may be made.

## **25. TERMINATION**

The County may terminate this Contract at any time as follows: (1) for cause, if, as determined by the County, the Contractor is in breach or default or has failed to perform the Work satisfactorily; or (2) for the convenience of the County.

Upon receipt of a notice of termination, the Contractor must not place any further orders or subcontracts for materials, services or facilities; must terminate all vendors and subcontracts, except as are necessary for the completion of any portion of the Work that the County did not terminate; and must immediately deliver all documents related to the terminated Work to the County.

Any purchases that the Contractor makes after the notice of termination will be the sole responsibility of the Contractor, unless the County has approved the purchases in writing as necessary for completion of any portion of the Work that the County did not terminate.

If any court of competent jurisdiction finds a termination for cause by the County to be improper, then the termination will be deemed a termination for convenience.

### **A. TERMINATION FOR CAUSE, INCLUDING BREACH AND DEFAULT; CURE**

1. Termination for Unsatisfactory Performance. 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 them within 15 days or any other period specified by the County ("Cure Period"). If the Contractor fails to cure within the Cure Period, the County may terminate the Contract for failure to provide satisfactory performance by providing written notice with a termination date. Upon such termination, the Contractor may apply for compensation for Contract services that the County previously accepted ("Termination Costs"), unless payment is otherwise barred by the Contract. The Contractor must submit any request for Termination Costs, with all supporting documentation, to the County Project Officer within 30 days after the expiration of the Cure Period. The County may accept or reject the request for Termination Costs, in whole or in part, and may notify the Contractor of its decision within a reasonable time.

In the event of termination by the County for failure to perform satisfactorily, the Contractor must continue to provide its services as previously scheduled through the termination date, and the County must continue to pay all fees and charges incurred through the termination date.

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

Upon any termination pursuant to this section, the Contractor will be liable to the County for costs that the County must expend to complete the Work, including costs resulting from any related delays and from unsatisfactory or non-compliant work performed by the Contractor or its subcontractors. The County will deduct such costs from any amount due to the Contractor; or if the County does not owe the Contractor, the Contractor must promptly pay the costs within 15 days of a demand by the County. This section does not limit the County's recovery of any other damages to which it is entitled by law.

Except as otherwise directed by the County, the Contractor must stop work on the date of receipt the notice of the termination.

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

The County may terminate this Contract in whole or in part whenever the Purchasing Agent determines that termination is in the County's best interest. The County will give the Contractor at least 15 days' notice in writing. The notice must specify the extent to which the Contract is terminated and the effective termination date. The Contractor will be entitled to Termination Costs, as defined above, plus any other reasonable amounts that the parties might negotiate; but no amount will be allowed for anticipatory profits.

Except as otherwise directed by the County, the Contractor must stop work on the date of receipt of the notice of the termination.

**26. INDEMNIFICATION**

The Contractor covenants for itself, its employees and its 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 Indemnitees") from and against any and all claims made by third parties for any and all losses, damages, injuries, fines, penalties, costs (including court costs and attorneys' fees), charges, liability, demands or exposure resulting from, arising out of or in any way connected with the Contractor's acts or omissions, including the acts or omissions of its employees, vendors, delivery drivers and/or subcontractors, in performance or nonperformance of the Contract. This duty to save, defend, hold harmless and indemnify will survive the termination of this Contract. If the Contractor fails or refuses to fulfill its obligations contained in this section, the Contractor must reimburse the County for any and all resulting payments and expenses, including reasonable attorneys' fees. The Contractor must pay such expenses upon demand by the County, and failure to do so may result in the County withholding such amounts from any payments to the Contractor under this Contract.

**27. INTELLECTUAL PROPERTY INDEMNIFICATION**

The Contractor warrants and guarantees that in providing services under this Contract neither the Contractor nor any subcontractor is infringing on the intellectual property rights (including, but not limited to, copyright, patent, mask and trademark) of third parties.

If the Contractor or any of its employees or subcontractors uses any design, device, work or material that is covered by patent or copyright, it is understood that the Contract Amount includes all royalties, licensing fees, and any other costs arising from such use in connection with the Work under this Contract.

The Contractor covenants for itself, its employees and its subcontractors to save, defend, hold harmless, and indemnify the County Indemnitees, as defined above, from and against any and all claims, losses, damages, injuries, fines, penalties, costs (including court costs and attorneys' fees), charges, liability or exposure for infringement of or on account of any trademark, copyright, patented or unpatented invention, process or article manufactured or used in the performance of this Contract. This duty to save, defend, hold harmless and indemnify will survive the termination of this Contract. If the Contractor fails or refuses to fulfill its obligations contained in this section, the Contractor must reimburse the County for any and all resulting payments and expenses, including reasonable attorneys' fees. The Contractor must pay such expenses upon demand by the County, and failure to do so may result in the County withholding such amounts from any payments to the Contractor under this Contract.



**28. COPYRIGHT**

By this Contract, the Contractor irrevocably transfers, assigns, sets over and conveys to the County all rights, title and interest, including the sole exclusive and complete copyright interest, in any and all copyrightable works created pursuant to this Contract. The Contractor will execute any documents that the County requests to formalize such transfer or assignment.

The rights granted to the County by this section are irrevocable and may not be rescinded or modified, including in connection with or as a result of the termination of or a dispute concerning this Contract.

The Contractor may not use subcontractors or third parties to develop or provide input into any copyrightable materials produced pursuant to this Contract without the County's advance written approval and unless the Contractor includes this Copyright provision in any contract or agreement with such subcontractors or third parties related to this Contract.

**29. OWNERSHIP AND RETURN OF RECORDS**

This Contract does not confer on the Contractor any ownership rights or rights to use or disclose the County's data or inputs.

All drawings, specifications, blueprints, data, information, findings, memoranda, correspondence, documents or records of any type, whether written, oral or electronic, and all documents generated by the Contractor or its subcontractors as a result of this Contract (collectively "Records") are the exclusive property of the County and must be provided or returned to the County upon completion, termination, or cancellation of this Contract. The Contractor will not use or willingly cause or allow such materials to be used for any purpose other than performance of this Contract without the written consent of the County.

The Records are confidential, and the Contractor will neither release the Records nor share their contents. The Contractor will refer all inquiries regarding the status of any Record to the Project Officer or to his or her designee. At the County's request, the Contractor will deliver all Records, including hard copies of electronic records, to the Project Officer and will destroy all electronic Records.

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

The provisions of this section will survive any termination or cancellation of this Contract.

**30. CONFIDENTIAL INFORMATION**

The Contractor and its employees, agents and subcontractors will hold as confidential all County information obtained under this Contract. Confidential information includes, but is not limited to, nonpublic personal information; personal health information (PHI); social security numbers; addresses; dates of birth; other contact information or medical information about a person; and information pertaining to products, operations, systems, customers, prospective customers, techniques, intentions, processes, plans and expertise. The Contractor must take reasonable measures to ensure that all of its employees, agents and subcontractors are informed of and abide by this requirement.

**31. ETHICS IN PUBLIC CONTRACTING**

This Contract incorporates by reference Article 9 of the Arlington County Purchasing Resolution, as well as all state and federal laws related to ethics, conflicts of interest or bribery, including the 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 bid was made without collusion or fraud; 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 procurement 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.

**32. COUNTY EMPLOYEES**

No Arlington County employee may share in any part of this Contract or receive any benefit from the Contract that is not available to the general public.

**33. FORCE MAJEURE**

Neither party will be held responsible for failure to perform the duties and responsibilities imposed by this Contract if such failure is due to a fire, riot, rebellion, natural disaster, war, act of terrorism or act of God that is beyond the control of the party and that makes performance impossible or illegal, unless otherwise specified in the Contract, provided that the affected party gives notice to the other party as soon as practicable after the force majeure event, including reasonable detail and the expected duration of the event's effect on the party.

**34. AUTHORITY TO TRANSACT BUSINESS**

The Contractor must, pursuant to Code of Virginia § 2.2-4311.2, be and remain authorized to transact business in the Commonwealth of Virginia during the entire term of this Contract. Otherwise, the Contract is voidable at the sole option of and with no expense to the County.

**35. RELATION TO THE COUNTY**

The Contractor is an independent contractor, and neither the Contractor nor its employees or subcontractors will be considered employees, servants or agents of the County. The County will not be responsible for any negligence or other wrongdoing by the Contractor or 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 or Social Security tax or for any other benefits. The County will not provide to the Contractor any insurance coverage or other benefits, including workers' compensation.

**36. ANTITRUST**

The Contractor conveys, sells, assigns and transfers to the County all rights, title and interest in and to all causes of action under state or federal antitrust laws that the Contractor may have relating to this Contract.

**37. REPORT STANDARDS**

The Contractor must submit all written reports required by this Contract for advance review in a format approved by the Project Officer. Reports must be accurate and grammatically correct and should not contain spelling errors. The Contractor will bear the cost of correcting grammatical or spelling errors and inaccurate report data and of other revisions that are required to bring the report(s) into compliance with this section.

Whenever possible, proposals must comply with the following guidelines:

- printed double-sided on at least 30% recycled-content and/or tree-free paper
- recyclable and/or easily removable covers or binders made from recycled materials (proposals with glued bindings that meet all other requirements are acceptable)
- avoid use of plastic covers or dividers
- avoid unnecessary attachments or documents or superfluous use of paper (e.g. separate title sheets or chapter dividers)

**38. AUDIT**

The Contractor must retain all books, records and other documents related to this Contract for at least five (5) years, unless otherwise specified in the Contract, or such period of time required by the County's funding partner(s), if any, whichever is greater, after the final payment and must allow the County or its authorized agents to examine the documents during this period and during the Contract Term. The Contractor must provide any requested documents to the County for examination within 15 days of the request, at the Contractor's expense. Should the County's examination reveal any overcharging by the Contractor, the Contractor must, within 30 days of County's request, reimburse the County for the overcharges and for the reasonable costs of the County's examination, including, but not limited to, the services of external audit firm and attorney's fees; or the County may deduct the overcharges and examination costs from any amount that the County owes to the Contractor. If the Contractor wishes to destroy or dispose of any records related to this Contract (including confidential records to which the County does not have ready access) within five (5) years after the final payment, unless otherwise specified in the Contract, or such period of time required by the County's funding partner(s), if any, whichever is greater, the Contractor must give the County at least 30 days' notice and must not dispose of the documents if the County objects.

The Purchasing Agent may require the Contractor to demonstrate that it has the necessary facilities, ability, and financial resources to comply with the Contract and furnish the service, material or goods specified herein in a satisfactory manner at any time during the term of this Contract.

**39. ASSIGNMENT**

The Contractor may not assign, transfer, convey or otherwise dispose of any award or any of its rights, obligations or interests under this Contract without the prior written consent of the County.

**40. AMENDMENTS**

This Contract may not be modified except by written amendment executed by persons duly authorized to bind the Contractor and the County.

**41. ARLINGTON COUNTY PURCHASING RESOLUTION AND COUNTY POLICIES**

Nothing in this Contract waives any provision of the Arlington County Purchasing Resolution, which is incorporated herein by reference, or any applicable County policy.

**42. DISPUTE RESOLUTION**

All disputes arising under this Agreement or concerning its interpretation, whether involving law or fact and including but not limited to claims for additional work, compensation or time, and all claims for alleged breach of contract must be submitted in writing to the Project Officer as soon as the basis for the claim arises. In accordance with the Arlington County Purchasing Resolution, claims denied by the Project Officer may be submitted to the County Manager in writing no later than 60 days after the final payment. The time limit for a final written decision by the County Manager is 30 days. Procedures concerning contractual claims, disputes, administrative appeals and protests are contained in the Arlington County

Purchasing Resolution. The Contractor must continue to work as scheduled pending a decision of the Project Officer, County Manager, County Board or a court of law.

**43. APPLICABLE LAW, FORUM, VENUE, AND JURISDICTION**

This Contract is governed in all respects by the laws of the Commonwealth of Virginia; and the jurisdiction, forum and venue for any litigation concerning the Contract or the Work is in the Circuit Court for Arlington County, Virginia, and in no other court.

**44. ARBITRATION**

No claim arising under or related to this Contract may be subject to arbitration.

**45. NONEXCLUSIVITY OF REMEDIES**

All remedies available to the County under this Contract are cumulative, and no remedy will be exclusive of any other at law or in equity.

**46. NO WAIVER**

The failure to exercise a right provided for in this Contract will not be a subsequent waiver of the same right or of any other right.

**47. SEVERABILITY**

The sections, paragraphs, clauses, sentences, and phrases of this Contract are severable; and if any section, paragraph, clause, sentence or phrase of this Contract is declared invalid by a court of competent jurisdiction, the rest of the Contract will remain in effect.

**48. ATTORNEY'S FEES**

In the event that the County prevails in any legal action or proceeding brought by the County to enforce any provision of this Contract, the Contractor will pay the County's reasonable attorney's fees and expenses.

**49. SURVIVAL OF TERMS**

In addition to any statement that a specific term or paragraph survives the expiration or termination of this Contract, the following sections also survive: INDEMNIFICATION; INTELLECTUAL PROPERTY INDEMNIFICATION; RELATION TO COUNTY; OWNERSHIP AND RETURN OF RECORDS; AUDIT; COPYRIGHT; DISPUTE RESOLUTION; APPLICABLE LAW AND JURISDICTION; ATTORNEY'S FEES, AND CONFIDENTIAL INFORMATION.

**50. HEADINGS**

The section headings in this Contract are inserted only for convenience and do not affect the substance of the Contract or limit the sections' scope.

**51. AMBIGUITIES**

The parties and their counsel have participated fully in the drafting of this Agreement; and any rule that ambiguities are to be resolved against the drafting party does not apply. The language in this Agreement is to be interpreted as to its plain meaning and not strictly for or against any party.

**52. NOTICES**

Unless otherwise provided in writing, all legal notices and other formal communications required by this Contract are deemed to have been given when either (a) delivered in person; (b) delivered by an agent,

such as a delivery service; or (c) deposited in the United States mail, postage prepaid, certified or registered and addressed as follows:

**TO THE CONTRACTOR:**

Roy E Lee  
8207 Backlick Road  
Lorton, Virginia 22079  
Phone: (703) 550-7500  
Email: [leeelectric@aol.com](mailto:leeelectric@aol.com)

**TO THE COUNTY:**

Anup Kafle, Project Officer  
DEPARTMENT OF ENVIRONMENTAL SERVICES  
Transportation Engineering and Operations Bureau  
2100 Clarendon Boulevard, Suite 900  
Arlington, Virginia 22201  
Phone: 703.228.7050  
Email: [akafle@arlingtonva.us](mailto:akafle@arlingtonva.us)

AND

Dr. Sharon T. Lewis, LL.M, MPS, VCO, CPPB  
Purchasing Agent  
Arlington County, Virginia  
2100 Clarendon Boulevard, Suite 500  
Arlington, Virginia 22201  
Phone: (703) 228-3294  
Email: [slewis1@arlingtonva.us](mailto:slewis1@arlingtonva.us)

**TO COUNTY MANAGER'S OFFICE (FOR PROJECT CLAIMS):**

Mark Schwartz, County Manager  
Arlington County, Virginia  
2100 Clarendon Boulevard, Suite 318  
Arlington, Virginia 22201

**53. NON-DISCRIMINATION NOTICE**

Arlington County does not discriminate against faith-based organizations.

**54. INSURANCE, PAYMENT AND PERFORMANCE BONDS**

The Contractor shall maintain the required insurance coverage and payment and performance bonds as set forth in the Invitation to Bid through completion of the Contract, including all warranty and guarantee periods.

**55. NORTHERN VIRGINIA TRANSPORTATION AUTHORITY (NVTA)**

This work is funded in part by grants from the NVTA. The Contractor is responsible for ensuring its compliance with all applicable NVTA requirements including the following:

The Contractor shall name NVTA and its Bond Trustee as an additional insured on any insurance policy issued for work to be performed for the project and present NVTA with satisfactory evidence thereof before any work on the Project commences or continues.

**56. NORTHERN VIRGINIA TRANSPORTATION COMMISSION (NVTC)**

The Contractor shall name the Northern Virginia Transportation Commission (NVTC) and its Bond Trustee, the Commonwealth of Virginia, the Commonwealth Transportation Board (CTB), the Virginia Department of Rail and Public Transportation (DRPT), Virginia Department of Transportation (VDOT) and their officers, employees and agents as additional insureds on any insurance policy issued for the Work to be performed, and present satisfactory evidence of insurance coverage before commencing with any Work, so that they are protected from and against any losses actually suffered or incurred, except for losses to the extent caused the negligence or willful misconduct of such entity or person, from third party claims that are directly related to or arise out of: (a) any failure by the Contractor to comply with, to observe or to perform in any material respect any of the covenants, obligations, agreements, terms or conditions in this Project, or any breach by the Contractor of its representations or warranties in this Project; (b) any actual or willful misconduct or negligence of Contractor its employees or agents in direct connection with the Work; (c) any actual or alleged patent or copyright infringement or other actual or alleged improper appropriation or use of trade secrets, patents, proprietary information, know-how, trademarked or service-marked materials, equipment devices or processes, copyright rights or inventions by the Contractor in direct connection with the Work; (d) inverse condemnation, trespass, nuisance or similar taking of harm to real property committed or caused by the Contractor, its employees or agents in direct connection with the work; or (e) any assumed liabilities.

The Contractor shall indemnify and hold harmless, NVTC and its Bond Trustee, the Commonwealth of Virginia, the CTB, VDOT, DRPT and their officers, employees and agents from the same losses.

**57. MATERIAL CHANGES**

The Contractor shall notify Purchasing Agent within seven days of any material changes in its operation that relate to any matter attested regarding certifications on its bid form.

**58. CONTRACTOR PERFORMANCE EVALUATION**

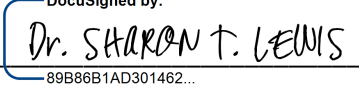
Arlington County will perform written evaluations of the Contractor's performance at various intervals throughout the term of this Contract. The evaluations will address, at a minimum, the Contractor's work/performance, quality, cost controls, schedule, timeliness and sub-contractor management. The Project Officer shall be responsible for completing the evaluations and providing a copy to the Contractor and County Procurement Officer.

**59. COUNTERPARTS**

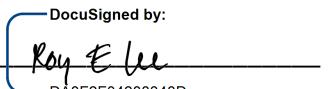
This Agreement may be executed in one or more counterparts and all of such counterparts shall together constitute one and the same instrument. Original signatures transmitted and received via facsimile or other electronic transmission (e.g., PDF or similar format) are true and valid signatures for all purposes hereunder and shall be effective as delivery of a manually executed original counterpart.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

AUTHORIZED  
SIGNATURE:   
89B86B1AD301462...  
NAME: DR. SHARON T. LEWIS  
TITLE: Purchasing Agent  
DATE: 7/25/2023

R.E. LEE ELECTRIC COMPANY, INC.

AUTHORIZED  
SIGNATURE:   
D48F2F04288348D...  
NAME: Roy E Lee  
TITLE: President  
DATE: 7/19/2023



**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF LABOR AND INDUSTRY**

**Gary G. Pan**  
 COMMISSIONER

Main Street Centre  
 600 East Main Street, Suite 207  
 Richmond, Virginia 23219  
 PHONE (804) 371-2327  
 FAX (804) 371-6524

Virginia Department of Labor and Industry Wage Determination Decision

Project Name	On-Call Traffic Signal Construction and Maintenance
County Project Code	23-DES-ITBPW-631
DOLI Project Number	ARLC-23-0014 UPDATE
County or Independent City	Arlington County
Publication Date	07/18/2023
Construction Type	Highway

Wage Determinations	Wage	Fringe
Carpenter, Includes Form Work	\$20.97	
Cement Mason/Concrete Finisher	\$20.70	\$8.03
Electrician, Includes Traffic Signalization	\$30.55	\$11.51
Fence Erector	\$15.28	
Ironworker, Reinforcing	\$34.18	
Ironworker, Structural	\$34.18	
Laborer: Asphalt, Includes Raker, Shoveler, Spreader and Distributor	\$19.06	\$1.75
Laborer: Common or General	\$21.41	\$8.11
Laborer: Grade Checker	\$14.88	
Laborer: Pipelayer	\$20.48	
Laborer: Power Tool Operator	\$15.69	
Operator: Asphalt Spreader and Distributor	\$20.58	\$2.31



Wage Determinations	Wage	Fringe
Operator: Backhoe/Excavator/Trackhoe	\$23.93	
Operator: Bobcat/Skid Steer/Skid Loader	\$19.00	\$3.49
Operator: Broom/Sweeper	\$17.40	\$2.01
Operator: Bulldozer, Including Utility	\$20.64	
Operator: Crane	\$29.46	
Operator: Drill	\$24.89	
Operator: Gradall	\$19.26	
Operator: Grader/Blade	\$23.21	
Operator: Hydroseeder	\$16.64	
Operator: Loader	\$18.92	
Operator: Mechanic	\$22.84	
Operator: Milling Machine	\$23.19	\$2.94
Operator: Pavement Planer	\$21.14	
Operator: Pavement Planer Groundsmen	\$19.75	
Operator: Paver (Asphalt, Aggregate, and Concrete)	\$20.33	\$2.81
Operator: Piledriver	\$21.83	\$4.08
Operator: Roller	\$18.92	
Operator: Roller (Finishing)	\$18.73	\$3.23
Operator: Screed	\$22.13	\$4.89
Pavement Marking Operator	\$22.16	
Pavement Marking Truck Driver	\$18.78	
Traffic Control: Flagger	\$13.64	
Truck Driver: 1/Single Axle Truck	\$19.35	
Truck Driver: Fuel and Lubricant Service	\$18.25	
Truck Driver: Heavy 7CY & Under	\$15.53	
Truck Driver: Heavy Over 7CY	\$18.05	
Truck Driver: Multi Axle	\$20.34	\$2.89

### Additional Notes

All wage rates to be used on a contract will be set at the time the contract is awarded. While DOLI maintains a list of wage determinations online for reference purposes, only the wage determinations made in an official Wage Determination Decision, sent by DOLI to the contracting agency, can be used to ascertain the exact rates to be paid for a specific contract.

All rates are determined by DOLI and any appeals of specific classifications may be made through the Wage Determination Appeal form available at <http://www.doli.virginia.gov/wp-content/uploads/2021/04/Appeal-for-Wage-Determination-Clarification.pdf>

Any additional classifications may be requested through the Additional Wage Classification form available at <http://www.doli.virginia.gov/wp-content/uploads/2021/04/Request-for-Additional-Wage-Classification.pdf>  
Understand your duties as a contractor under Virginia law by referencing our Contractor Responsibilities information sheet available at <http://www.doli.virginia.gov/wp-content/uploads/2021/04/PREVAILING-WAGE-CONTRACTOR-RESPONSIBILITIES.pdf>

Your employees have specific rights, which can be found on our List of Employee Rights information sheet available at <http://www.doli.virginia.gov/wp-content/uploads/2021/04/PREVAILING-WAGE-EMPLOYEE-RIGHTS.pdf>  
Any further questions should be directed to [PrevailingWage@doli.virginia.gov](mailto:PrevailingWage@doli.virginia.gov)



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR		SOLICITATION OR CONTRACT NUMBER		PAGE		
R E Lee Electric Co. INC		23-DES-ITBPW-631				
<b>SCOPE OF WORK</b>						
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.						
ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT	
Conduit and Cables	1	Furnish 2" Steel Conduit and Fittings	200	LF	\$12.00	\$ 2,400.00
	2	Furnish 3" Steel Conduit and Fittings	200	LF	\$26.00	\$ 5,200.00
	3	Furnish 4" Steel Conduit and Fittings	200	LF	\$35.00	\$ 7,000.00
	4	Furnish 2" PVC Conduit and Fittings	2,500	LF	\$3.50	\$ 8,750.00
	5	Furnish 3" PVC Conduit and Fittings	2,500	LF	\$6.50	\$ 16,250.00
	6	Furnish 4" PVC Conduit and Fittings	2,500	LF	\$8.25	\$ 20,625.00
	7	Furnish 2" HDPE Conduit and Fittings	5,000	LF	\$2.45	\$ 12,250.00
	8	Furnish 3" HDPE Conduit and Fittings	5,000	LF	\$4.00	\$ 20,000.00
	9	Furnish 4" HDPE Conduit and Fittings	2,500	LF	\$7.20	\$ 18,000.00
	10	Furnish 2" Rigid Metallic Conduit	500	LF	\$12.00	\$ 6,000.00
	11	Trench and Install conduit(s) in Asphalt (w tracer wire or grounding wire)	600	LF	\$150.00	\$ 90,000.00
	12	Trench and Install Conduit(s) in Concrete Sidewalk	600	LF	\$150.00	\$ 90,000.00
	13	Trench and Install Conduit(s) in Pavers	600	LF	\$150.00	\$ 90,000.00
	14	Trench and Install Conduit(s) in Landscape Area	600	LF	\$24.00	\$ 14,400.00
	15	Direct Bore Conduits (small reamer)	8,000	LF	\$28.00	\$ 224,000.00
	16	Direct Bore Conduits (large reamer)	3,500	LF	\$34.00	\$ 119,000.00
	17	Test Pit in Roadway	150	EA	\$600.00	\$ 90,000.00
	18	Test Pit in Concrete	150	EA	\$600.00	\$ 90,000.00
	19	Test Pit in Pavers	150	EA	\$600.00	\$ 90,000.00
	20	Test Pit in Landscape Area	150	EA	\$600.00	\$ 90,000.00
	21	Enter Existing Foundation	10	EA	\$300.00	\$ 3,000.00
	22	Enter Existing Junction Box	25	EA	\$300.00	\$ 7,500.00
	23	Furnish #14/7c Cable	40,000	LF	\$1.20	\$ 48,000.00
	24	Furnish #14/3c Cable	20,000	LF	\$0.70	\$ 14,000.00
	25	Furnish #12/2C UF Cable	10,000	LF	\$0.67	\$ 6,700.00
	26	Furnish #6/2c UF Cable	5,000	LF	\$2.60	\$ 13,000.00
	27	Furnish #6/3c UF Cable	5,000	LF	\$3.70	\$ 18,500.00
	28	Furnish #6 Bare Copper	2,000	LF	\$0.75	\$ 1,500.00
	29	Install Cabinet Side Entry	25	EA	\$400.00	\$ 10,000.00
	30	Install Cable in Conduit, Mast Arm, or Pole	25,000	LF	\$3.00	\$ 75,000.00
	31	Remove Cable From Conduit, Mast Arm, or Pole	10,000	LF	\$2.00	\$ 20,000.00
Foundations	32	Install Cabinet Foundation	20	EA	\$1,800.00	\$ 36,000.00
	33	Install Cabinet Foundation with Stoop	15	EA	\$1,850.00	\$ 27,750.00
	34	Extend Existing Cabinet Foundation	20	EA	\$800.00	\$ 16,000.00
	35	Remove Cabinet Foundation	30	EA	\$800.00	\$ 24,000.00
	36	Install UPS System	30	EA	\$800.00	\$ 24,000.00
	37	Install Strain Pole Foundation	10	EA	\$3,000.00	\$ 30,000.00
	38	Remove Strain Pole Foundation	40	EA	\$1,000.00	\$ 40,000.00
	39	Install Pedestal Pole Foundation	60	EA	\$1,300.00	\$ 78,000.00
	40	Remove Pedestal Pole Foundation	60	EA	\$650.00	\$ 39,000.00
	41	Install Carlyle Streetlight Pole Foundation	100	EA	\$1,500.00	\$ 150,000.00
	42	Remove Streetlight Pole Foundation	60	EA	\$650.00	\$ 39,000.00
	43	Install Cobrahead Streetlight Pole Foundation	50	EA	\$1,800.00	\$ 90,000.00
	44	Remove Cobrahead Pole Foundation	50	EA	\$650.00	\$ 32,500.00
	45	Install Mast Arm Pole Foundation Std Type #1	25	EA	\$9,690.00	\$ 242,250.00
	46	Install Mast Arm Pole Foundation Std Type #2	25	EA	\$10,500.00	\$ 262,500.00
	47	Install Mast Arm Pole Foundation Std Type #3	25	EA	\$11,500.00	\$ 287,500.00
	48	Install Mast Arm Pole Foundation Std Type #4	25	EA	\$10,300.00	\$ 257,500.00



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR		SOLICITATION OR CONTRACT NUMBER	PAGE			
R E Lee Electric Co. INC		23-DES-ITBPW-631				
SCOPE OF WORK						
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.						
	ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
	49	Install Mast Arm Pole Foundation Std Type #5	15	EA	\$11,100.00	\$ 166,500.00
	50	Install Mast Arm Pole Foundation Std Type #6	15	EA	\$12,000.00	\$ 180,000.00
	51	Install Mast Arm Pole Foundation Std Type #7	15	EA	\$12,900.00	\$ 193,500.00
	52	Install Mast Arm Pole Foundation Std Type #8	15	EA	\$13,500.00	\$ 202,500.00
	53	Install Mast Arm Pole Foundation Std Type #9	10	EA	\$14,000.00	\$ 140,000.00
	54	Install Mast Arm Pole Foundation Std Type #10	10	EA	\$14,600.00	\$ 146,000.00
	55	Install Compact Pole Foundation	10	EA	\$2,800.00	\$ 28,000.00
	56	Remove Signal Pole Foundation	40	EA	\$1,000.00	\$ 40,000.00
Junction Boxes	57	Furnish and Install Small Junction Box (61-01)	50	EA	\$400.00	\$ 20,000.00
	58	Furnish and Install Traffic-Rated Circular Junction Box (61-02) (including frame and cover)	150	EA	\$1,600.00	\$ 240,000.00
	59	Furnish and Install Large Size Junction Box (61-04, Type 3)	150	EA	\$2,000.00	\$ 300,000.00
	60	Furnish and Install Large Size Junction Box (61-04, Type 4)	20	EA	\$2,300.00	\$ 46,000.00
	61	Furnish and Install large Size Junction Box (61-04, Type 5)	20	EA	\$3,800.00	\$ 76,000.00
	62	Adjust Existing Junction Box to Grade	50	EA	\$500.00	\$ 25,000.00
	63	Furnish and Install Junction Box Lid	50	EA	\$150.00	\$ 7,500.00
	64	Remove Small Junction Box	150	EA	\$150.00	\$ 22,500.00
	65	Remove Circular Junction Box	150	EA	\$700.00	\$ 105,000.00
	66	Remove Large Size junction box	50	EA	\$700.00	\$ 35,000.00
Signals and Equipment	67	Install Ground Mounted Cabinet	20	EA	\$2,800.00	\$ 56,000.00
	68	Install Pole Mounted Cabinet	5	EA	\$400.00	\$ 2,000.00
	69	Remove & Salvage Cabinet	30	EA	\$800.00	\$ 24,000.00
	70	Furnish and Install Meter Pan & Pedestal (80-01)	30	EA	\$1,800.00	\$ 54,000.00
	71	Remove meter pan and pedestal	10	EA	\$500.00	\$ 5,000.00
	72	Install signal pole and single mast arm	100	EA	\$1,500.00	\$ 150,000.00
	73	Remove signal pole and single mast arm	100	EA	\$1,200.00	\$ 120,000.00
	74	Install signal pole and double mast arm	50	EA	\$1,600.00	\$ 80,000.00
	75	Remove signal pole and double mast arm	25	EA	\$1,200.00	\$ 30,000.00
	76	Install pedestal pole	100	EA	\$250.00	\$ 25,000.00
	77	Remove pedestal pole	100	EA	\$150.00	\$ 15,000.00
	78	Furnish and Install wood pole	10	EA	\$2,000.00	\$ 20,000.00
	79	Remove wood pole	10	EA	\$800.00	\$ 8,000.00
	80	Furnish and Install Strain Pole	20	EA	\$19,800.00	\$ 396,000.00
	81	Remove strain pole	20	EA	\$1,200.00	\$ 24,000.00
	82	Furnish and Install transformer bases	15	EA	\$1,500.00	\$ 22,500.00
	83	Install Carlyle Streetlight Pole	100	EA	\$400.00	\$ 40,000.00
	84	Remove Carlyle Streetlight Pole	100	EA	\$400.00	\$ 40,000.00
	85	Install Single Carlyle fixture	100	EA	\$100.00	\$ 10,000.00
	86	Install Double Carlyle Fixture	100	EA	\$150.00	\$ 15,000.00
	87	Remove carlyle fixture (single or double)	150	EA	\$100.00	\$ 15,000.00
	88	Install Cobrahead Streetlight Pole and Fixture	50	EA	\$800.00	\$ 40,000.00
	89	Remove cobrahead streetlight pole and fixture	50	EA	\$600.00	\$ 30,000.00
	90	Assemble and Install 3-section Vehicle Signal Head	200	EA	\$350.00	\$ 70,000.00
	91	Assemble and Install 5-section Vehicle Signal Head	200	EA	\$400.00	\$ 80,000.00
	92	Assemble and Install 4-section Vehicle Signal Head	200	EA	\$320.00	\$ 64,000.00
	93	Assemble and Install HAWK Vehicle Signal Head	100	EA	\$300.00	\$ 30,000.00
	94	Remove Signal Head	280	EA	\$150.00	\$ 42,000.00
95	Assemble and Install LED Blank-out Sign	20	EA	\$300.00	\$ 6,000.00	
96	Remove LED Blank-out Sign	10	EA	\$250.00	\$ 2,500.00	



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR		SOLICITATION OR CONTRACT NUMBER		PAGE		
R E Lee Electric Co. INC		23-DES-ITBPW-631				
SCOPE OF WORK						
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.						
	ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
Traffic Sig	97	Assemble and Install Programmable Signal Head	10	EA	\$600.00	\$ 6,000.00
	98	Remove Programmable Signal Head	10	EA	\$150.00	\$ 1,500.00
	99	Install Sign on Mast Arm or Signal Pole	50	EA	\$500.00	\$ 25,000.00
	100	Install Louvers (1 section)	30	EA	\$80.00	\$ 2,400.00
	101	Install Backplate on Existing Signal Head	400	EA	\$375.00	\$ 150,000.00
	102	Install LED Countdown Module	1,200	EA	\$300.00	\$ 360,000.00
	103	Install Pedestrian Signal	100	EA	\$275.00	\$ 27,500.00
	104	Remove Pedestrian Signal	200	EA	\$100.00	\$ 20,000.00
	105	Install Pedestrian Pushbutton (Mushroom or ADA style)	250	EA	\$225.00	\$ 56,250.00
	106	Assemble and Install 2-wire Polara-style APS	400	EA	\$250.00	\$ 100,000.00
	107	Assemble and Install 4-wire Polara-style APS	200	EA	\$250.00	\$ 50,000.00
	108	Remove Pushbutton (includes cable, hardware. new grommets)	5	EA	\$150.00	\$ 750.00
	109	Install Overhead Detector	100	EA	\$850.00	\$ 85,000.00
	110	Remove Overhead Detector (includes cable removal)	1	EA	\$600.00	\$ 600.00
	111	Install Detection Communication Board	100	EA	\$350.00	\$ 35,000.00
	112	Integrate Video Detection System	40	EA	\$800.00	\$ 32,000.00
	113	Install Pre-emption Detector	100	EA	\$700.00	\$ 70,000.00
	114	Remove Preemption Detector (includes cable)	1	EA	\$500.00	\$ 500.00
	115	Retrofit Existing Pre-emption with Confirmation light (incl	10	EA	\$500.00	\$ 5,000.00
	116	Integrate Pre-emption System	100	EA	\$800.00	\$ 80,000.00
	117	Install Battery Backup System	5	EA	\$1,000.00	\$ 5,000.00
	118	Remove Battery Backup System	1	EA	\$600.00	\$ 600.00
120	Install CCTV Camera	50	EA	\$800.00	\$ 40,000.00	
121	Replace CCTV Camera	50	LS	\$600.00	\$ 30,000.00	
122	Remove CCTV camera	50	EA	\$400.00	\$ 20,000.00	
Overhead	123	Install Aerial Cable	5,000	LF	\$3.75	\$ 18,750.00
	124	Straighten Overhead Span Cable	5,000	LF	\$2.20	\$ 11,000.00
	125	Furnish and Install Down Guy	50	EA	\$350.00	\$ 17,500.00
	126	Furnish and Install Sidewalk Guy	50	EA	\$420.00	\$ 21,000.00
	127	Furnish and Install 2" riser (up to 40' High) with Weatherhead	50	EA	\$400.00	\$ 20,000.00
	128	Install Cable With Lashing Rods on Messenger (includes furnishing lashing rods)	5,000	LF	\$4.00	\$ 20,000.00
	129	Remove Steel Span with Messenger	2,000	LF	\$3.00	\$ 6,000.00
	130	Furnish and Install Steel Messenger Span with Lashing Rods	2,000	LF	\$5.00	\$ 10,000.00
	131	Remove Aerial Communications Cable	10,000	LF	\$2.75	\$ 27,500.00
	132	Install Signal Head on Span cable	100	EA	\$350.00	\$ 35,000.00
	133	Install Sign on Span Cable	100	EA	\$500.00	\$ 50,000.00
	134	Remove Sign from Span Wire or Mast Arm (remove hanger, bracket, etc)	10	EA	\$100.00	\$ 1,000.00
	135	Remove down guy	100	EA	\$200.00	\$ 20,000.00
Roadside Assemblies	136	Assemble and Install Speed Indicator Assembly (incl speed feedback sign and signage, control box, solar assembly)	30	EA	\$3,300.00	\$ 99,000.00
	137	Assemble and Install RRFB Assembly (incl flashers, pushbutton, and signage, solar array, control box)	30	EA	\$3,300.00	\$ 99,000.00
	138	Assemble and Install School Zone Beacon Assembly (incl signals, signage, control box, solar array)	30	EA	\$3,300.00	\$ 99,000.00
	139	Assemble and Install Count Station (incl control box, cable)	30	EA	\$400.00	\$ 12,000.00
	140	Remove Roadside Beacon Assembly	5	EA	\$800.00	\$ 4,000.00



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR			SOLICITATION OR CONTRACT NUMBER		PAGE	
R E Lee Electric Co. INC			23-DES-ITBPW-631			
SCOPE OF WORK						
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.						
	ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
Typical Maintenance	141	Preventative Maintenance for Roadside Assembly	20	EA	\$250.00	\$ 5,000.00
	142	Overhead Signal Preventative Maintenance For Smaller Intersections	125	EA	\$500.00	\$ 62,500.00
	143	Overhead Signal Preventative Maintenance For Larger Intersections	275	EA	\$850.00	\$ 233,750.00
	144	Cabinet Preventative Maintenance	600	EA	\$300.00	\$ 180,000.00
	145	School Beacon Preventative Maintenance	180	EA	\$300.00	\$ 54,000.00
	146	Replace Cabinet in place	20	EA	\$2,500.00	\$ 50,000.00
	147	Replace LED Modules in Overhead Signal (assume 5-section head)	3,600	EA	\$120.00	\$ 432,000.00
	148	CCTV Camera Maintenance	360	EA	\$250.00	\$ 90,000.00
	149	Replace Traffic Signal Mast Arm and Pole (existing in service)	5	EA	\$3,400.00	\$ 17,000.00
	150	Replace Traffic Signal Strain Pole (existing in service)	5	EA	\$2,900.00	\$ 14,500.00
	151	Install Loop Detector Stub Out	100	EA	\$180.00	\$ 18,000.00
	152	Splice Loop and Terminate in Cabinet	100	EA	\$350.00	\$ 35,000.00
	153	Install Loop Detector	10,000	LF	\$20.00	\$ 200,000.00
	154	Install Junction Box Grounding System	100	EA	\$200.00	\$ 20,000.00
	155	Install Primary Intersection Grounding Electrode	100	EA	\$350.00	\$ 35,000.00
	156	Troubleshoot Equipment	100	HRS	\$120.00	\$ 12,000.00
	157	Crash Truck (TMA) for Work on High-Speed Roadways	250	HRS	\$50.00	\$ 12,500.00
<b>GENERAL EARTHWORK</b>						
	158	General Excavation, only when not included in other pay items	500	CY	\$28.00	\$ 14,000.00
	159	Select Borrow (VDOT Section 207 - Select Material, Type I)	50	CY	\$100.00	\$ 5,000.00
	160	Flowable BackFill (VDOT Special Provision S302G02-0610)	10	CY	\$280.00	\$ 2,800.00
	161	Aggregate, VDOT #21-A (Compacted in Place per VDOT standards & Specs)	50	CY	\$280.00	\$ 14,000.00
	162	Aggregate, VDOT #21-B (Compacted in Place per VDOT standards & Specs)	50	CY	\$280.00	\$ 14,000.00
<b>CONCRETE WORK</b>						
	163	Concrete Curb, Standard Header Curb C-3 (Arlington County Detail R-2.0), includes curb for aprons, ramps, etc.	1,000	LF	\$200.00	\$ 200,000.00
	164	Concrete Curb, Standard 6" (VDOT CG-2), includes curb for aprons, ramps, etc.	500	LF	\$200.00	\$ 100,000.00
	165	Concrete Curb & Gutter, Standard C-2 and C-2R (Arlington County Detail R-2.0), includes curb & gutter for aprons, ramps, etc.	3,000	LF	\$200.00	\$ 600,000.00
	166	Concrete Curb & Gutter, Combination 6" (VDOT CG-6), includes curb & gutter for aprons, ramps, etc.	1,500	LF	\$200.00	\$ 300,000.00
	167	Concrete Sidewalk, 4" Thickness (Arlington County Detail R-2.0)	2,500	SY	\$280.00	\$ 700,000.00
	168	Concrete Sidewalk, 4" Thickness with WWF (VDOT Section 223.02.a.3)	250	SY	\$280.00	\$ 70,000.00
	169	Concrete Sidewalk, 6" Thickness	500	SY	\$300.00	\$ 150,000.00
	170	Concrete Sidewalk, 6" Thickness with WWF (Arlington County Standard H-3.1)	250	SY	\$300.00	\$ 75,000.00
	171	CG-12 Detectable Warning Surface - Truncated Domes	150	SY	\$460.00	\$ 69,000.00
	172	Concrete Pavers (Arlington County Detail R-2.1)	500	SY	\$460.00	\$ 230,000.00
	173	Concrete Pavers, Remove and Reset (Arlington County Detail R-2.1)	500	SY	\$460.00	\$ 230,000.00
	174	Concrete Driveway Entrance, 6" Thick Residential (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	500	SY	\$100.00	\$ 50,000.00
	175	Concrete Driveway Entrance, 9" Thick Commercial (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	500	SY	\$380.00	\$ 190,000.00



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR		SOLICITATION OR CONTRACT NUMBER		PAGE	
R E Lee Electric Co. INC		23-DES-ITBPW-631			
SCOPE OF WORK					
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.					
ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
176	Concrete Steps Each (Arlington County Detail R-3.0, including all reinforcing bars as shown in detail)	50	LF-W	\$375.00	\$ 18,750.00
177	Bus Shelter Pad (Detail R-2.10)	50	SY	\$350.00	\$ 17,500.00
<b>ASPHALT WORK</b>					
178	Asphalt Concrete, Planing or Milling (1/2" to 3" Depth)	500	SY	\$180.00	\$ 90,000.00
179	Asphalt Concrete, Base Course (VDOT BM-25.0A or VDOT BM-25.D)	250	TON	\$1,100.00	\$ 275,000.00
180	Asphalt Concrete, Intermediate Course (VDOT IM-19.0A or VDOT IM-19.0D)	50	TON	\$1,100.00	\$ 55,000.00
181	Asphalt Concrete, Surface Course (VDOT SM-9.5A or VDOT SM-9.5D)	500	TON	\$1,100.00	\$ 550,000.00
182	Cold-Mix Asphalt (latest VDOT Standards for Cold Mix Asphalt Type P-1, P-2, and P-3).	50	TON	\$800.00	\$ 40,000.00
<b>PAVEMENT MARKING AND SIGNAGE</b>					
183	Furnish and Install 4 Inch Transverse Markings	500	LF	\$4.69	\$ 2,345.00
184	Furnish and Install 6 Inch Transverse Markings	500	LF	\$5.35	\$ 2,675.00
185	Furnish and Install 12 Inch Transverse Markings	2,000	LF	\$7.69	\$ 15,380.00
186	Furnish and Install 18 Inch Transverse Markings	2,000	LF	\$21.20	\$ 42,400.00
187	Furnish and Install 24 Inch Transverse Markings	2,000	LF	\$27.45	\$ 54,900.00
188	Furnish and Install Yield Line Markings (24 Inch Triangle/12 Inch Spacing)	1,000	LF	\$17.25	\$ 17,250.00
189	Furnish and Install 4 Inch Longitudinal Solid Line	6,000	LF	\$3.04	\$ 18,240.00
190	Furnish and Install 4 Inch Longitudinal Skip Line	6,000	LF	\$3.04	\$ 18,240.00
191	Furnish and Install 6 Inch Longitudinal Solid Line	6,000	LF	\$3.59	\$ 21,540.00
192	Furnish and Install 6 Inch Longitudinal Skip Line	6,000	LF	\$3.59	\$ 21,540.00
193	Furnish and Install 8 Inch Longitudinal Solid Line	6,000	LF	\$4.26	\$ 25,560.00
194	Furnish and Install 8 Inch Longitudinal Skip Line	6,000	LF	\$4.26	\$ 25,560.00
195	Furnish and Install 12 Inch Longitudinal Solid Line	1,000	LF	\$9.21	\$ 9,210.00
196	Furnish and Install Double Yellow Center Line (4" Lines with 4" Space)	10,000	LF	\$6.09	\$ 60,900.00
197	Furnish and Install 8' Letters	100	EA	\$826.59	\$ 82,659.00
198	Furnish and Install Arrow Symbol	100	EA	\$562.13	\$ 56,213.00
199	Furnish and Install Combination Arrow Symbol	100	EA	\$692.03	\$ 69,203.00
200	Furnish and Install Lane Reduction Arrow Symbol	25	EA	\$1,339.77	\$ 33,494.25
201	Furnish and Install 13' Yield Ahead Markings	25	EA	\$2,969.67	\$ 74,241.75
202	Furnish and Install Bicycle Lane Symbol	25	EA	\$692.57	\$ 17,314.25
203	Furnish and Install Shared Lane Symbol	25	EA	\$731.56	\$ 18,289.00
204	Furnish and Install 6' Bicycle Lane Symbol	25	EA	\$576.35	\$ 14,408.75
205	Colorized Bike Lane Coatings (per Specification 02900)	150	SY	\$249.09	\$ 37,363.50
206	Pavement Marking Type D, Temporary Pavement Marking Tape	500	LF	\$94.38	\$ 47,190.00
207	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar)	100	EA	\$400.00	\$ 40,000.00
208	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Relocate with Existing Post	50	EA	\$150.00	\$ 7,500.00
209	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Relocate with New Post	50	EA	\$500.00	\$ 25,000.00
210	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Mount Sign to Light or Utility Pole	50	EA	\$300.00	\$ 15,000.00
<b>LANDSCAPE AND HARDSCAPE WORK</b>					
210	Imported Topsoil	100	CY	\$50.00	\$ 5,000.00
211	Seed, Mixture of 85% Tall Fescue/Bluegrass and 15% Annual Rye	250	SY	\$6.00	\$ 1,500.00
212	Sod, Zoysia	250	SY	\$25.00	\$ 6,250.00

Roadway Elements



**Arlington County Government**  
**ATTACHMENT A - PRICE SCHEDULE (23-DES-ITBPW-631)**

NAME OF OFFEROR OR CONTRACTOR			SOLICITATION OR CONTRACT NUMBER		PAGE	
R E Lee Electric Co. INC			23-DES-ITBPW-631			
SCOPE OF WORK						
The Contractor shall provide all the labor, materials, tools, parts, supplies, equipment, transportation and supervision necessary to complete the various signal maintenance tasks outlined in the items below and in accordance with the contract documents.						
	ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
	213	Brick Pavers, Including Concrete Base (Arlington County Detail R-2.1)	50	SY	\$80.00	\$ 4,000.00
Lump sum	214	Asphalt crew mobilization	25	LS	\$2,550.00	\$ 63,750.00
	215	Concrete crew mobilization	25	LS	\$2,550.00	\$ 63,750.00
	216	Pavement Marking crew mobilization	25	LS	\$3,400.00	\$ 85,000.00
	217	Temporary Erosion & Sediment Controls	25	LS	\$800.00	\$ 20,000.00
	218	Re-Mobilization of Asphalt, Concrete, Pavement Marking crew	10	LS	\$3,400.00	\$ 34,000.00
<b>GRAND TOTAL</b>						<b>\$14,948,591.50</b>

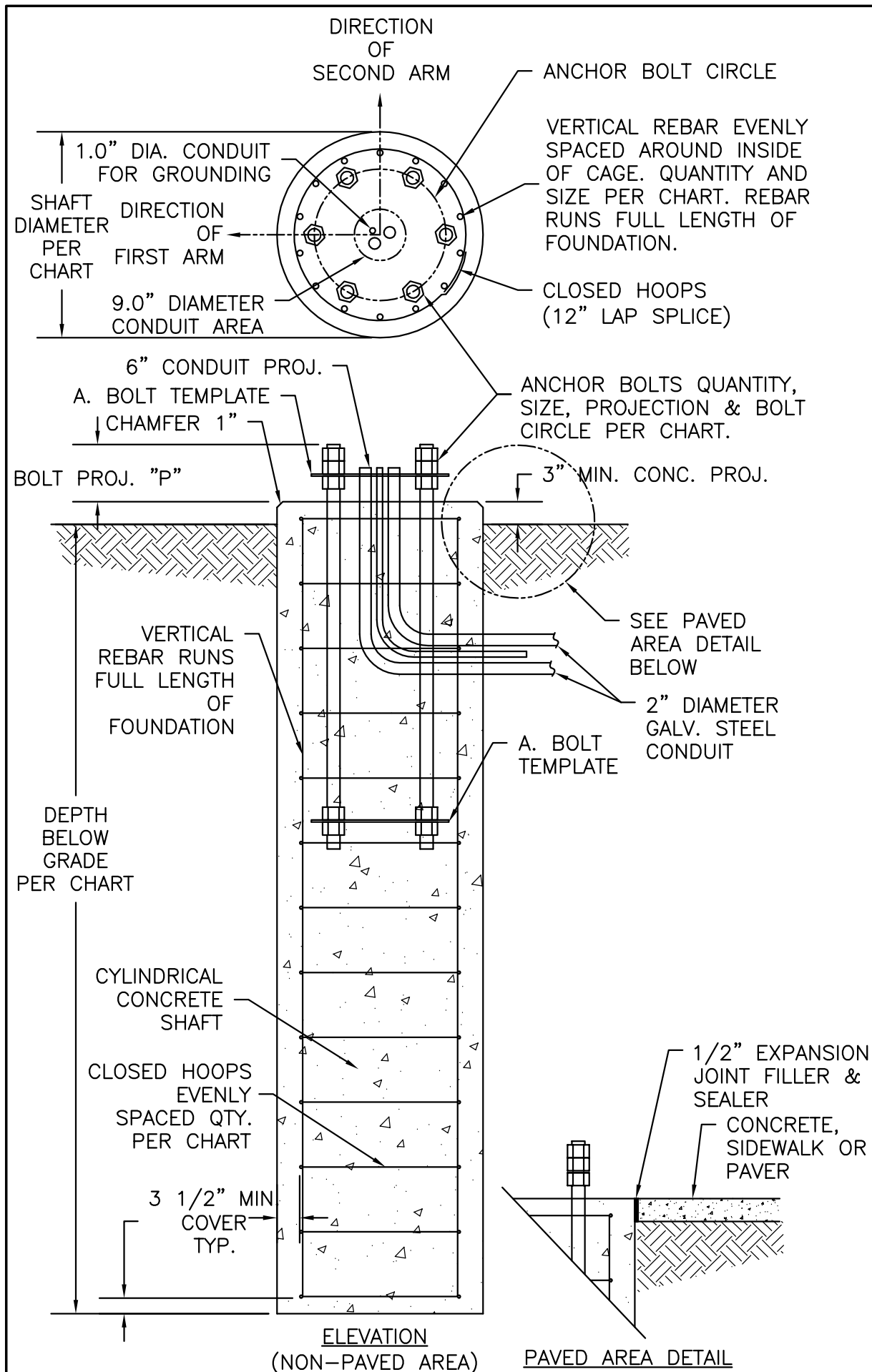
**Equipment and Labor for Minor Repairs (This bid pricing will be included in the contract, but not used in the evaluation or comparison of bids)**

	ITEM NO.	SUPPLIES/SERVICES	EST QTY	UNIT	UNIT PRICE	AMOUNT
	R1	Bucket Truck for Overhead Repairs	1	HR	\$75.00	\$ 75.00
	R2	Crane or Auger Line Truck	1	HR	\$100.00	\$ 100.00
	R3	Light Truck	1	HR	\$25.00	\$ 25.00
	R4	Superintendent	1	HR	\$95.00	\$ 95.00
	R5	Signal Technician	1	HR	\$75.00	\$ 75.00
	R6	ITS Technician	1	HR	\$75.00	\$ 75.00
	R7	Laborer	1	HR	\$45.00	\$ 45.00

**NOTES:**

**THE UNIT QUANTITIES ABOVE ARE ESTIMATED VALUES:** This is a Fixed Unit-Price, Indefinite Quantity contract and the quantities above are estimates only. The quantities may exceed or be less than the estimated amounts and will be determined upon actual services provided during the term of the contract.





STANDARD FOUNDATION DATA					
FOUNDATION STANDARD DESIGN NUMBER	SHAFT DIAMETER (FT)	DEPTH BELOW GRADE (FT)	APPROX. CONC. VOLUME (CY)	VERTICAL REBAR	CLOSED HOOPS
#1	3.0	16.0	6	13-#8	22-#4
#2	3.0	19.0	6	13-#8	38-#4
#3	3.0	20.0	7	13-#8	40-#4
#4	4.0	12.0	7	15-#10	13-#4
#5	4.0	14.0	8	15-#10	15-#4
#6	4.0	15.0	8	15-#10	16-#4
#7	4.0	17.5	10	15-#10	24-#4
#8	4.0	19.5	11	15-#10	39-#4
#9	4.0	21.0	11	15-#10	42-#4
#10	4.0	23.0	12	15-#10	55-#4

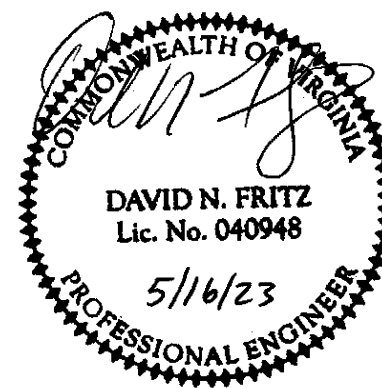
ROUND DESIGNS (UMC DRG. 50700-B1991)				
POLE ARM LENGTH	ANCHOR BOLT DATA			SELECTED STANDARD FOUNDATION DESIGN NUMBER
	BOLT QTY /DIA. (IN)	BOLT CIRCLE (IN)	PROJ. "P" (IN)	
SINGLE 40'	(6)1.50	19	9.00	#1 OR #4
TWIN 40'	(8)1.50	21	9.00	#2 OR #5
SINGLE 48'	(6)1.75	21	9.00	#3 OR #6
TWIN 48'	(8)1.50	23	9.00	#7
SINGLE 60'	(6)1.75	25	10.00	#8
TWIN 60'	(8)1.75	27	10.00	#10
SINGLE 66'	(6)2.00	27.5	11.00	#9

**GENERAL NOTES:**

1. MINIMUM 15'-0" CLEARANCE SHALL BE MAINTAINED BETWEEN FINISHED ROADWAY LEVEL AND LOWEST POINT OF SIGNAL HEAD ASSEMBLY WHEN ARM IS FULLY LOADED.
2. CONCRETE STRENGTH (f'c) AT 28 DAYS = 3000 PSI MIN.
3. CONCRETE IS AIR ENTRAINED.
4. ALL EXPOSED CONCRETE SURFACES SHALL BE FINISHED SMOOTH.
5. ALL REINFORCEMENT IS DEFORMED BAR PER ASTM A615 GRADE 60.
6. NO GROUT, MORTAR OR CONCRETE SHALL BE PLACED BETWEEN THE BASE PLATE AND THE TOP OF THE FOUNDATION.
7. MAXIMUM HEIGHT BETWEEN THE BASE PLATE AND THE TOP OF THE FOUNDATION IS ONE ANCHOR BOLT DIAMETER PLUS 1.0 INCH.
8. MAXIMUM VERTICAL MISALIGNMENT OF ANCHOR BOLTS SHALL BE 1H:40V.
9. FOUNDATION TO BE CAST AGAINST UNDISTURBED SOIL.
10. ASSUMED SOIL PROPERTIES USED IN THE DESIGN:  
 100 PCF DENSITY/27 DEG. FRICTION ANGLE/400 PSF COHESION  
 WATER TABLE BELOW BOTTOM OF FOUNDATION
11. IF ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED ARE WORSE THAN THOSE DEFINED ABOVE THEN THE FOUNDATION DESIGN MUST BE REVIEWED BY THE ENGINEER PRIOR TO CONCRETE PLACEMENT.
12. TABULATED BOLT PROJECTION "P" IS BASED UPON THE MAXIMUM ALLOWED GAP BENEATH BASE PLATE. IF A SPECIFIC PROJECT REQUIRES A DIFFERING CONFIGURATION (SUCH AS NO LEVELING NUTS OR BEARING DIRECTLY ONTO THE TOP OF THE FOUNDATION) THEN THE PROJECTION WILL HAVE TO BE ADJUSTED.
13. POLE AND FOUNDATION CENTERLINES ARE INTENDED TO COINCIDE. WHEN OFFSET IS REQUIRED BY SPECIAL CIRCUMSTANCES THEN REFER TO POLE OFFSET REQUIREMENTS BELOW.

**POLE OFFSET REQUIREMENTS:**

1. IT IS ALWAYS PREFERRED FOR THE POLE AND FOUNDATION CENTERLINES TO COINCIDE. WHEN THIS IS NOT POSSIBLE THEN THE FOLLOWING REQUIREMENTS ARE APPLICABLE.
2. HOOP REINFORCING MUST STAY CENTERED ON THE FOUNDATION.
3. VERTICAL REINFORCING MUST STILL BE LOCATED AROUND THE INSIDE PERIMETER OF THE HOOPS.
4. NO PORTION OF THE EMBEDDED ANCHOR BOLTS MAY BE PLACED CLOSER THAN 1.0 INCH FROM THE HOOP REINFORCING.
5. IF SHIFTED ANCHOR BOLT(S) ARE WITHIN 1.5" OF A VERTICAL STEEL BAR THEN THE VERTICAL BAR IS TO BE ADJUSTED JUST ENOUGH TO AVOID THIS INTERFERENCE.
6. THE ABILITY OF ANY PARTICULAR FOUNDATION AND POLE COMBINATION TO ACCOMMODATE AN ANCHOR BOLT SHIFT VARIES (SOME COMBINATIONS CAN ONLY ACHIEVE 1.75"). EVEN WHEN PHYSICALLY POSSIBLE, NO CENTERLINE OFFSETS ARE TO EXCEED 9.0".
7. NO PORTION OF A POLE BASE PLATE IS TO EXTEND PAST THE EDGE OF THE CONCRETE FOUNDATION.



**TRAFFIC SIGNAL POLE FOUNDATION DESIGN  
 ARLINGTON COUNTY, VIRGINIA  
 DRAWING NO. 17782-37108**



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION


4975 Alliance Drive  
Fairfax, VA 22030

**CHARLES A. KILPATRICK, P.E.**  
COMMISSIONER

September 29, 2016

### MEMORANDUM

**TO:** NOVA District Staff

**FROM:** Hari Sripathi, P.E.  
Regional Operations Director 

**SUBJECT:** Lane Closures in Nova District

As a follow up to the Lane Closures in Nova District memorandum dated April 27, 2012, enclosed are the updated guidelines for lane closures.

These updated guidelines will be effective immediately. All existing and previously approved projects are encouraged to review their respective contract documents and make adjustments if possible.

# Lane Closure Guidelines

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**-For Northern Virginia-**



**Virginia Department of Transportation  
Northern Region Operations**

**September 21, 2016**

**Instruction**

The purpose of this memorandum is to present guidelines for lane closure hours for construction, maintenance, permits, and special events in Northern Virginia.

The first version of the lane closure guidelines was issued in April 2012. In the past four years, there have been completed and on-going roadway construction projects in the NoVA District, such as I-495 and I-95 express lanes and the I-66 spot improvements. As these guidelines are applied and implemented, modifications and updates to these guidelines have become necessary. Same as the previous version, the modifications were made based on traffic volume; roadway characteristics; comments from staff; and considering the public tolerance for the lane closure during certain time periods of the day.

It should be noted that these guidelines must be used as a starting point for discussion at the project level. On large scale projects with robust community outreach and a Traffic Management Plan, these hours could be extended. If project staff would like to modify these hours for interstate or major arterials, they must work with NRO Traffic Operations staff for recommendations and obtain final approval from their functional Assistant District Administrator (ADA).

Please review the existing contracts and discuss the deviations from these hours with your functional ADA.

**Restriction of Operations:**

In addition to the allowable lane closure hours specified in the tables, the restrictions listed below shall be followed.

**1. Peak Hours Lane Closures**

Any lane reductions (temporary or permanent) during the peak periods (Monday to Friday, 6:00AM to 9:00AM and 3:30PM to 6:30PM) on roads with an AADT above or equal to 10,000 vehicles requires consultation with the Regional Operations Director (ROD) and Public Affairs Manager.

**2. Complete Roadway Closures**

If there are complete road closures on any road for construction or maintenance work, the ROD and Public Affairs Manager must be consulted.

Complete Roadway Closures shall be limited to 20 to 30 minutes intermittent stoppage for some specific work activities.

If the closure duration is above 30 minutes, it shall be approved separately with full Maintenance of Traffic and Traffic Management Plans.

**3. Construction in Residential Subdivisions**

Road work within residential subdivisions and/or cul-de-sac streets should be conducted during daytime hours to avoid night time noise issues.

#### 4. Express Lanes (I-95 & I-495)

All I-95 and I-495 Express Lane closures shall be coordinated with the Express Lanes Operations Center at least 5 business days in advance using their Authorization to Work form (available from the Express Lanes Operations Center at (571) 419-6046. Complete road closures on the I-95 Express Lanes and I-495 Express Lanes will be limited to 30 minutes or less

#### 5. Holiday

In addition to the Sunday or Holiday work limitations, mobile, short duration, short-term stationary or intermediate-term stationary temporary traffic control zone lane closures on mainline lanes, shoulders or ramps shall not be performed during the following Holiday time periods without the written permission of the Engineer. Additionally, long-term stationary temporary traffic control zones shall not be initially put in place, adjusted, or removed during the following Holiday time periods without the written permission of the Engineer (VDOT 2016 Standard Specifications, updated 7/2016):

- **January 1:** From Noon on the preceding day until Noon on the following day, except as indicated below.
- **Martin Luther King, Jr. Day and Lee Jackson Day\*:** From Noon on the preceding Thursday to Noon on the following Tuesday.
- **Presidents Day\*:** As indicated below.
- **Easter\*:** As indicated below.
- **Memorial Day:** As indicated below.
- **July 4:** From Noon on the preceding day until Noon on the following day, except as indicated below.
- **Labor Day:** As indicated below.
- **Columbus Day\*:** As indicated below.
- **Veterans Day\*:** From Noon on the preceding day until Noon on the following day, except as indicated below.
- **Thanksgiving Day:** From Noon on the Wednesday proceeding Thanksgiving Day until Noon on the Monday following Thanksgiving Day.
- **Christmas Day:** From Noon on the preceding day until Noon on the following day, except as indicated below.

**If the Holiday occurs on a Friday or Saturday:** From Noon on the preceding Thursday to Noon on the following Monday.

**If the Holiday occurs on a Sunday or Monday:** From Noon on the preceding Friday to Noon on the following Tuesday.

**\*Note:**

For low volume roadways (minor arterial), lane closures will not be allowed during the holidays; however, there will be no restriction to the preceding day and the following day.

<b>INTERSTATE 395 &amp; INTERSTATE 95</b>					
<b>WEEKDAY</b>		<b>Northbound</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>14<sup>th</sup> St. Bridge to Springfield Interchange</b>	10:00AM to 3:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 4:00AM
		9:00PM to 5:00AM			
<b>Segment 2</b>	<b>Springfield Interchange to Rt.123</b>	9:30AM to 3:30PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 4:00AM
		9:00PM to 5:00AM			
<b>Segment 3</b>	<b>Rt.123 to Prince William / Stafford County line</b>	9:30AM to 3:30PM	10:00PM to 4:30AM	11:00PM to 4:00AM	12:00AM to 4:00AM
		9:00PM to 5:00AM			
<b>Segment 4</b>	<b>Prince William / Stafford County line to Rt.3 Exit 130</b>	9:30AM to 3:30PM	10:00PM to 4:30AM	n/a	12:00AM to 4:00AM
		9:00PM to 4:30AM			
<b>Segment 5</b>	<b>Rt.3 Exit 130 to Caroline / Hanover County line</b>	9:00AM to 3:30PM	10:00PM to 4:30AM	n/a	12:00AM to 4:00AM
		9:00PM to 5:30AM			
<b>All lanes open at 12:00 noon on Friday</b>					
<b>WEEKDAY</b>		<b>Southbound</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>14<sup>th</sup> St. Bridge to Springfield Interchange</b>	10:00AM to 2:30PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 4:00AM
		9:30PM to 5:00AM			
<b>Segment 2</b>	<b>Springfield Interchange to Rt.123</b>	9:00AM to 2:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 4:00AM
		9:30PM to 5:00AM			
<b>Segment 3</b>	<b>Rt.123 to Prince William / Stafford County line</b>	9:00AM to 2:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 4:00AM
		9:30PM to 6:00AM			
<b>Segment 4</b>	<b>Prince William / Stafford County line to Rt.3 Exit 130</b>	9:00AM to 2:00PM	10:00PM to 5:30AM	n/a	12:00AM to 4:00AM
		9:30PM to 6:00AM			
<b>Segment 5</b>	<b>Rt.3 Exit 130 to Caroline / Hanover County line</b>	9:00AM to 3:00PM	10:00PM to 5:30AM	n/a	12:00AM to 4:00AM
		9:30PM to 6:00AM			
<b>All lanes open at 11:00am on Friday</b>					

<b>INTERSTATE 395 &amp; INTERSTATE 95</b>			
<b>WEEKEND</b>	<b>Northbound/Southbound*</b>		
	<b>Single-Lane Closures or Shoulder</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
Friday to Saturday	10:00PM to 7:00AM	11:00PM to 6:00AM	12:00AM to 5:00AM
Saturday to Sunday	10:00PM to 7:00AM	11:00PM to 6:00AM	12:00AM to 5:00AM
Sunday to Monday	10:00PM to 5:00AM	11:00PM to 4:00AM	12:00AM to 4:00AM

\* For special operations, depending on time of year, additional hours may be allowed with proper ADA/ROD approval.

	<b>REVERSIBLE LANES (HOV &amp; EXPRESS LANES)*</b>	
	<b>Single-Lane Closures or Shoulder</b>	<b>Complete Road Closure**</b>
<b>WEEKDAY</b>	9:30PM (Sunday to Thursday) to 4:00AM (Monday to Friday)	11:00PM to 4:00AM
<b>WEEKEND</b>	11:00PM (Friday to Saturday) to 9:00AM (Saturday to Sunday)	11:00PM to 4:00AM

\* Direction of traffic control for all lane closures in reversible lanes will need to be adjusted as necessary to face direction of traffic.  
 \*\* Complete Road Closure on Express Lanes limited to 30 minutes or less.

<b>INTERSTATE 495 (BELTWAY)</b>					
<b>WEEKDAY</b>		<b>Inner Loop</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>A. L. Bridge to Springfield Interchange</b>	10:00AM to 3:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 5:00AM
		9:30PM to 5:00AM			
<b>Segment 2</b>	<b>Springfield Interchange to W.W. Bridge</b>	10:00AM to 3:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 5:00AM
		9:30PM to 5:00AM			
<b>All lanes open at 12:00 noon on Friday</b>					
<b>WEEKDAY</b>		<b>Outer Loop</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>A. L. Bridge to Springfield Interchange</b>	9:30AM to 2:30PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 5:00AM
		9:30PM to 5:00AM			
<b>Segment 2</b>	<b>Springfield Interchange to W.W. Bridge</b>	10:00AM to 3:00PM	10:00PM to 5:00AM	11:00PM to 5:00AM	12:00AM to 5:00AM
		9:30PM to 5:00AM			
<b>All lanes open at 12:00 noon on Friday</b>					
<b>WEEKEND</b>		<b>Inner/Outer Loop</b>			<b>Complete Road Closure</b>
		<b>Single-Lane Closures or Shoulder</b>	<b>Multiple-Lane Closures</b>		
Friday to Saturday		10:00PM to 8:00AM	11:00PM to 7:00AM		12:00AM to 5:00AM
Saturday to Sunday		10:00PM to 9:00AM	11:00PM to 8:00AM		12:00AM to 5:00AM
Sunday to Monday		9:30PM to 5:00AM	11:00PM to 5:00AM		12:00AM to 5:00AM
<b>EXPRESS LANES</b>					
		<b>Single-Lane Closures or Shoulder</b>	<b>Complete Road Closure**</b>		
<b>WEEKDAY</b>	9:30PM (Sunday to Thursday) to 4:00AM (Monday to Friday)		11:00PM to 4:00AM		
<b>WEEKEND</b>	11:00PM (Friday to Saturday) to 9:00AM (Saturday to Sunday)		11:00PM to 4:00AM		
** Complete Road Closure on Express Lanes limited to 30 minutes or less.					



<b>INTERSTATE 66</b>					
<b>WEEKDAY</b>		<b>Eastbound</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>Prince William County line to Route 286</b>	10:00AM to 3:30PM	9:00PM to 5:00AM	10:00PM to 5:00AM	12:00AM to 4:00AM
		8:00PM to 5:00AM			
<b>Segment 2</b>	<b>Route 286 to Beltway</b>	11:00AM to 3:30PM	10:00PM to 5:00AM**	11:00PM to 5:00AM**	12:00AM to 4:00AM
		9:00PM to 5:00AM			
<b>Segment 3</b>	<b>Beltway to TR Bridge (Inside Beltway)</b>	9:30PM to 5:00AM	n/a	n/a	12:00AM to 4:00AM
<b>All lanes open at 12:00 noon on Friday</b>					
<b>WEEKDAY</b>		<b>Westbound</b>			
		<b>Single-Lane Closures or Shoulder</b>	<b>Two-Lane Closures</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
<b>Segment 1</b>	<b>Prince William County line to Route 286</b>	9:00AM to 2:30PM	9:30PM to 6:00AM	10:30PM to 5:00AM	12:00AM to 4:00AM
		9:00PM to 6:00AM			
<b>Segment 2</b>	<b>Route 286 to Beltway</b>	9:00AM to 2:00PM*	10:00PM to 5:00AM**	11:00PM to 5:00AM**	12:00AM to 4:00AM
		9:30PM to 5:00AM			
<b>Segment 3</b>	<b>Beltway to TR Bridge (Inside Beltway)</b>	9:30AM to 2:00PM*	10:00PM to 5:00AM**	n/a	12:00AM to 4:00AM
		10:00PM to 5:00AM			
<b>All lanes open at 12:00 noon on Friday</b>					
<b>* Only be considered for three lane segment.</b>					
<b>** Consider opening shoulder lane, where Applicable.</b>					

<b>WEEKEND</b>		<b>Eastbound/Westbound</b>		
<b>Outside Beltway</b>		<b>Single-Lane Closures or Shoulder</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
Friday to Saturday		9:00PM to 9:00AM	10:00PM to 6:00AM	12:00AM to 5:00AM
Saturday to Sunday		9:00PM to 9:00AM	10:00PM to 6:00AM	12:00AM to 5:00AM
Sunday to Monday		8:00PM to 5:00AM	9:00PM to 5:00AM	12:00AM to 4:00AM
<b>Inside Beltway</b>		<b>Single-Lane Closures or Shoulder</b>	<b>Multiple-Lane Closures</b>	<b>Complete Road Closure</b>
Friday to Saturday		10:00PM to 6:00AM	n/a	12:00AM to 5:00AM
Saturday to Sunday		10:00PM to 6:00AM	n/a	12:00AM to 5:00AM
Sunday to Monday		9:30PM to 5:00AM	n/a	12:00AM to 4:00AM

<b>ROUTE 267 CONNECTOR</b>				
<b>WEEKDAY</b>	<b>Eastbound</b>		<b>Westbound</b>	
	<b>Single-Lane Closures or Shoulder</b>	<b>Complete Road Closure</b>	<b>Single-Lane Closures or Shoulder</b>	<b>Complete Road Closure</b>
Monday to Friday	11:00AM to 3:00PM	12:00AM to 4:00AM	9:30AM to 3:00PM	12:00AM to 4:00AM
	9:30PM to 5:00AM		9:00PM to 5:00AM	
<b>All lanes open at 12:00 noon on Friday</b>				

<b>WEEKEND</b>	<b>Eastbound/Westbound</b>	
	<b>Single-Lane Closures or Shoulder</b>	<b>Complete Road Closure</b>
Friday to Saturday	10:00PM to 8:00AM	12:00AM to 5:00AM
Saturday to Sunday	11:00PM to 8:00AM	12:00AM to 5:00AM
Sunday to Monday	9:00PM to 5:00AM	12:00AM to 4:00AM

Single-Lane Closures* or Shoulder					
ARTERIAL	WEEKDAY		WEEKEND		
	Monday to Thursday	Friday	Friday to Saturday	Saturday to Sunday	Sunday to Monday
Major Arterials**	9:30AM to 3:00PM	9:30AM to 2:00 PM	10:00PM to 9:00AM	10:00PM to 8:00AM	10:00PM to 5:00AM
	10:00PM to 5:00AM				
All Other Roadways	9:00AM to 3:30PM	9:00AM to 2:00 PM	10:00PM to 9:00AM	9:00PM to 9:00AM	10:00PM to 5:00AM
	9:00PM to 5:00AM				

Multiple-Lane Closures					
ARTERIAL	WEEKDAY		WEEKEND		
	Monday to Thursday	Friday	Friday to Saturday	Saturday to Sunday	Sunday to Monday
Major Arterials**	10:00PM to 5:00AM	Not allowed until 11:00PM	11:00PM to 5:00AM	11:00PM to 6:00AM	11:00PM to 5:00AM
All Other Roadways	9:00PM to 5:00AM	Not allowed until 10:00PM	10:00PM to 6:00AM	10:00PM to 6:00AM	10:00PM to 5:00AM

\*Single-lane closures only permitted for multiple-lane roadways.

\*\*Major Arterials defined as Primary Roads, high volume Secondary Roads, and all other routes that connect directly to Interstates.

## **State & Federal Roads in Arlington County, VA**

### **State Routes**

- Interstate 66: Custis Memorial Parkway
- Interstate 395: Henry G. Shirley Memorial Highway
- U.S. Route 1: Jefferson Davis Highway
- State Route 27: Washington Boulevard (Memorial Bridge to U.S. Route 50)
- U.S. Route 29: Lee Highway
- U.S. Route 50: Arlington Boulevard
- State Route 110: Jefferson Davis Highway (Rosslyn to Crystal City)
- State Route 120: Glebe Road
- State Route 123: Chain Bridge Road
- State Route 124: Spout Run Parkway (Lee Highway to Lorcom Lane)
- State Route 233: Airport Viaduct
- State Route 237: Washington Boulevard (North Glebe Road to Lee Highway)
- State Route 237: Fairfax Drive (Kirkwood Road to North Glebe Road)
- State Route 237: 10th Street North (U.S. Route 50 to Kirkwood Road)
- State Route 309: Old Dominion Drive

### **Federal Routes**

- Arlington Hall Street
- Boundary Channel Drive
- George Washington Memorial Parkway
- Fort Myer streets, including Arlington National Cemetery
- Marshall Drive (North Meade Street to U.S. Route 110)
- Memorial Avenue
- Pentagon Street
- Spout Run Parkway (Lorcom Lane to George Washington Memorial Parkway)

**EXHIBIT H**

**CONTRACTOR PERFORMANCE EVALUATION FORM**

**ARLINGTON COUNTY GOVERNMENT**

**Contractor Performance Evaluation Form**

Contractor Name: \_\_\_\_\_ Contract No.: \_\_\_\_\_

Date: \_\_\_\_\_ Project/Contract Name: \_\_\_\_\_

Interim Evaluation \_\_\_\_ Final Evaluation \_\_\_\_

Scope of Work/Services Provided:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Contract Start Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Contract End Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Actual Completion Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Please rate the effectiveness of the Contractor’s performance on the Contract/Project across the following dimensions:

Evaluation Criteria: Unacceptable Poor Satisfactory Excellent

Written comments to explain assigned ratings are required for any performance ratings below “satisfactory” or an “excellent” in any category.

Evaluation Questions

1. Quality of Workmanship

Rate the quality of the Contractor’s workmanship. Were there quality-related or workmanship problems on the Contract? Was the Contractor responsive to remedial work required?

\_\_\_ Unacceptable \_\_\_ Poor \_\_\_ Satisfactory \_\_\_ Excellent \_\_\_ N/A

2. Problem Solving and Decision Making

Rate the Contractor’s ability to provide effective and creative problem solving, coordination and fair decision making on Contract/Project.

\_\_\_ Unacceptable \_\_\_ Poor \_\_\_ Satisfactory \_\_\_ Excellent \_\_\_ N/A

3. Project Schedule

Rate the Contractor's performance with regard to adhering to contract schedules. Did the Contractor meet the contract schedule, or the schedule as revised by approved change orders? If not was the delay attributable to the Contractor?

Unacceptable       Poor       Satisfactory       Excellent       N/A

4. Subcontractor Management

Rate the Contractor's ability, effort and success in managing and coordinating subcontractors (if no subcontractors rate the Contractor's overall project management). Was the Contractor able to effectively resolve problems?

Unacceptable       Poor       Satisfactory       Excellent       N/A

5. Safety

Rate the Contractor's safety procedures on this Contract/Project? Were there any OSHA violations or serious safety accidents?

Unacceptable       Poor       Satisfactory       Excellent       N/A

6. Environmental Compliance

Did the Contractor comply with local, state, and federal environmental standards in the performance of the Contract? Did the Contractor comply in good faith with local erosion and sedimentation control requirements and/or any Stormwater Pollution Prevention Plan?

Unacceptable       Poor       Satisfactory       Excellent       N/A

7. Change Orders

Did the Contractor unreasonably claim change orders or extras? Were the Contractor's prices on change orders and extra work reasonable?

Unacceptable       Poor       Satisfactory       Excellent       N/A

8. Paperwork Processing

Rate this Contractor's performance in completing and submitting required project paperwork (i.e. change orders, submittal, drawings, invoices, workforce reports, etc.) Did the Contractor submit the required paperwork promptly and in proper form?

Unacceptable       Poor       Satisfactory       Excellent       N/A

9. Supervisory Personnel

Rate the general performance of this Contractor's supervisory personnel. Did they have the knowledge, management skills and experience to run a project of this size and scope?

\_\_\_ Unacceptable      \_\_\_ Poor      \_\_\_ Satisfactory      \_\_\_ Excellent      \_\_\_ N/A

10. Expertise, Knowledge and Experience

Rate this Contractor's personnel. Were they dedicated, experienced and qualified for the duration of project.

\_\_\_ Unacceptable      \_\_\_ Poor      \_\_\_ Satisfactory      \_\_\_ Excellent      \_\_\_ N/A

11. Project/Contract Closeout

Rate the Contractor's performance on timeliness and quality of closeout deliverables such as As-Built Drawings, Operation and Maintenance Manuals, and training. Did the Contractor complete the tasks or Project on schedule; was the punch list completed within the allotted time?

\_\_\_ Unacceptable      \_\_\_ Poor      \_\_\_ Satisfactory      \_\_\_ Excellent      \_\_\_ N/A

12. Level of Overall Performance

\_\_\_ Unacceptable      \_\_\_ Poor      \_\_\_ Satisfactory      \_\_\_ Excellent      \_\_\_ N/A

Based on these comments, would you recommend this Contractor for comparable work in the future?

Yes       No

Please provide any comments regarding the Contractor's performance or the quality of its work. The Contractor can also provide any comments or clarification on the evaluation in the box below.

(Project Officer or Contractor, use additional sheets, if Necessary):

Signatures and Certifications:

1. The information contained in this evaluation form represents, to the best of my knowledge, a true and accurate analysis of the Contractor’s performance record on this Contract; and,
2. The contents on the evaluation form and the ratings were not negotiated with the Contractor or its representative for any reason.

Evaluator’s Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator’s (PJO) Printed Name \_\_\_\_\_ Evaluator’s Title: \_\_\_\_\_

Contractor’s signature below acknowledges receipt and the opportunity to respond:

Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

EVALUATION RATINGS DEFINITIONS

Rating	Definition	Notes
Excellent	Performance meets contractual requirements and exceeds many to the County’s benefit. The contractual performance of the element or sub-element being evaluated was accomplished with few minor problems for which corrective actions taken by the contractor were highly effective.	To justify an Exceptional rating, identify multiple significant events and state how they were of benefit to the County. A singular benefit, however, could be of such magnitude that it alone constitutes an Exceptional rating. Also, there should have been NO significant weaknesses identified.
Satisfactory	Performance meets contractual requirements. The contractual performance of the element or sub-element contains some minor problems for which corrective actions taken by the contractor appear or were satisfactory.	To justify a Satisfactory rating, there should have been only minor problems, or major problems the contractor recovered from without impact to the contract/order. There should have been NO significant weaknesses identified. A fundamental principle of assigning ratings is that contractors will not be evaluated with a rating lower than Satisfactory solely for not performing beyond the requirements of the contract/order.
Poor	Performance does not meet some contractual requirements. The contractual performance of the element or sub-element being evaluated reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor’s proposed actions appear only marginally effective or were not fully implemented.	To justify poor performance, identify a significant event in each category that the contractor had trouble overcoming and state how it impacted the County. A poor rating should be supported by referencing the management tool that notified the contractor of the contractual deficiency (e.g., management, quality, safety, or environmental deficiency report or letter).



Unacceptable	Performance does not meet most contractual requirements and recovery is not likely in a timely manner. The contractual performance of the element or sub-element contains a serious problem(s) for which the contractor's corrective actions appear or were ineffective.	To justify an Unsatisfactory rating, identify multiple significant events in each category that the contractor had trouble overcoming and state how it impacted the County. A singular problem, however, could be of such serious magnitude that it alone constitutes an unsatisfactory rating. An Unsatisfactory rating should be supported by referencing the management tools used to notify the contractor of the contractual deficiencies (e.g., management, quality, safety, or environmental deficiency reports, or letters).
Not Applicable (N/A)	N/A (not applicable) should be used if the ratings are not going to be applied to a particular area for evaluation.	

END