



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON**  
**304-558-2402**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS**  
**VARIOUS LOCALES AS INDICATED**  
**BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/16/2007				

BID OPENING DATE: **08/08/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		968-82		
<p>TRAFFIC SIGNAL EMBEDDED INDUCTIVE LOOPS</p> <p>OPEN END CONTRACT</p> <p>TO INSTALL AND/OR REPLACE TRAFFIC SIGNAL EMBEDDED INDUCTIVE LOOPS AS DIRECTED BY THE WEST VIRGINIA DIVISION OF HIGHWAYS TRAFFIC ENGINEERING DIVISION.</p> <p>SEE ATTACHED</p> <p>EXHIBIT 3</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON ..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
-----------	-----------	------

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
-------	------	-----------------------------------

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum -** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

---

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

**SIGNED BID TO:**

Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**2**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON**  
**304-558-2402**

RFQ COPY

TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS**  
**VARIOUS LOCALES AS INDICATED**  
**BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
<b>07/16/2007</b>				

BID OPENING DATE: **08/08/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
-----------	-----------	------

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
-------	------	-----------------------------------

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON**  
**304-558-2402**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS**  
**VARIOUS LOCALES AS INDICATED**  
**BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/16/2007				

BID OPENING DATE: **08/08/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p><b>ORDER.</b></p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 04/11/2001</p> <p>PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY AS A CONDITION OF AWARD.</p> <p>REV. 07/16/2007</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR VARIOUS COUNTIES, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ.</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**4**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON  
 304-558-2402**

VENDOR

**RFQ COPY  
 TYPE NAME/ADDRESS HERE**

SHIP TO

**DIVISION OF HIGHWAYS  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/16/2007				

**BID OPENING DATE: 08/08/2007 BID OPENING TIME 01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A PERFORMANCE AND LABOR &amp; MATERIAL BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR/MATERIAL BOND.</p> <p style="text-align: center;"><b>CONTRACTORS LICENSE</b></p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**5**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON**  
**304-558-2402**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF HIGHWAYS  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/16/2007				

BID OPENING DATE: **08/08/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UQP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BIDDER TO COMPLETE:            CONTRACTORS NAME - .....</p> <p>CONTRACTORS LICENSE NO. - .....</p> <p>THE SUCCESSFUL BIDDER WILL REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 858C3003</p> <p>BID OPENING DATE AND TIME</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**858C3003**

PAGE  
**6**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN JOHNSTON**  
**304-558-2402**

VENDOR

**RFQ COPY**  
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS**  
**VARIOUS LOCALES AS INDICATED**  
**BY ORDER**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
<b>07/16/2007</b>				

BID OPENING DATE: **08/08/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- CONTACT PERSON (PLEASE PRINT CLEARLY): -----  ***** THIS IS THE END OF RFQ 858C3003 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

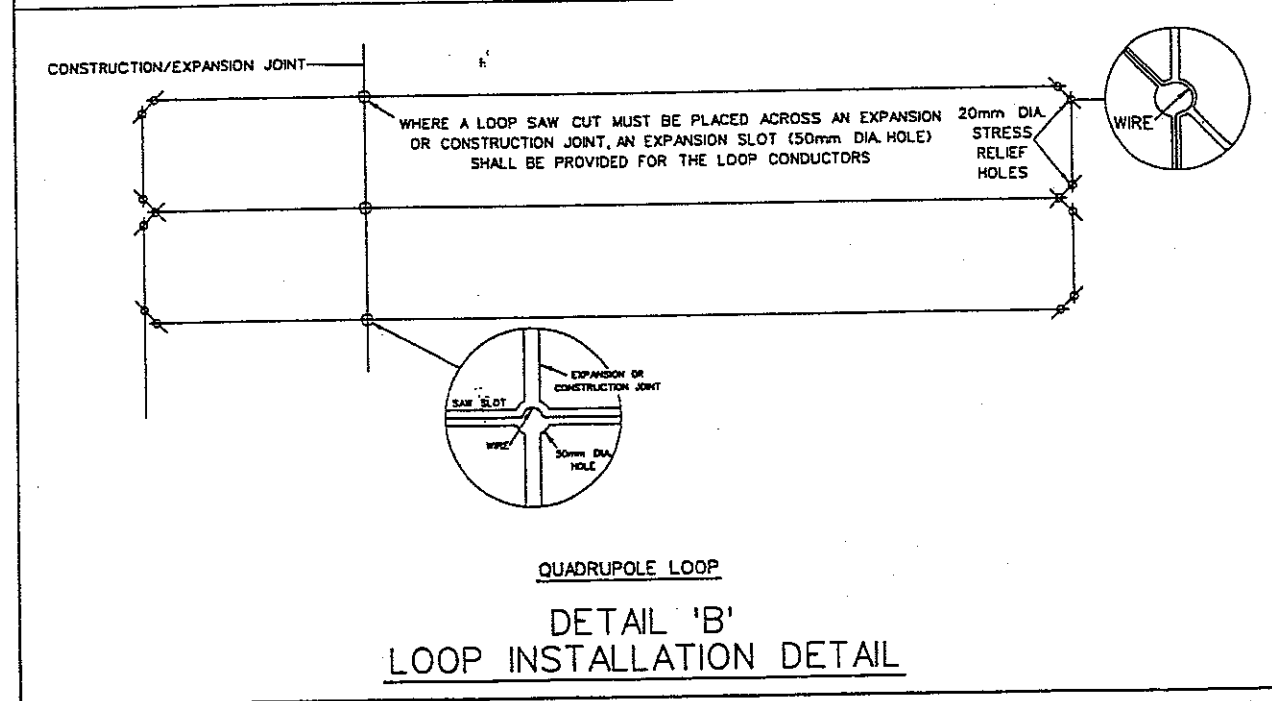
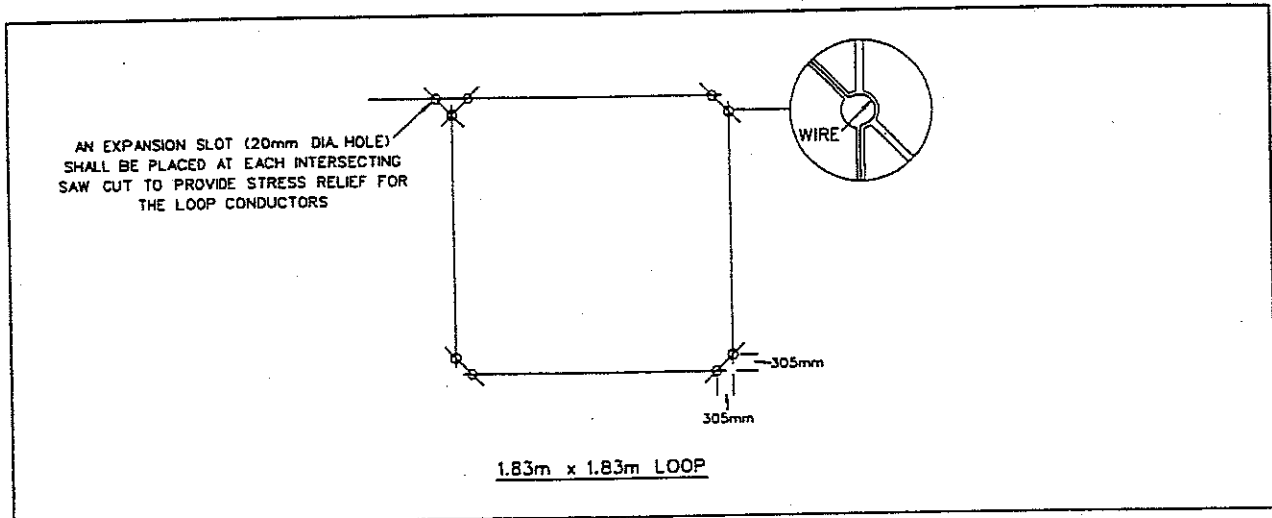
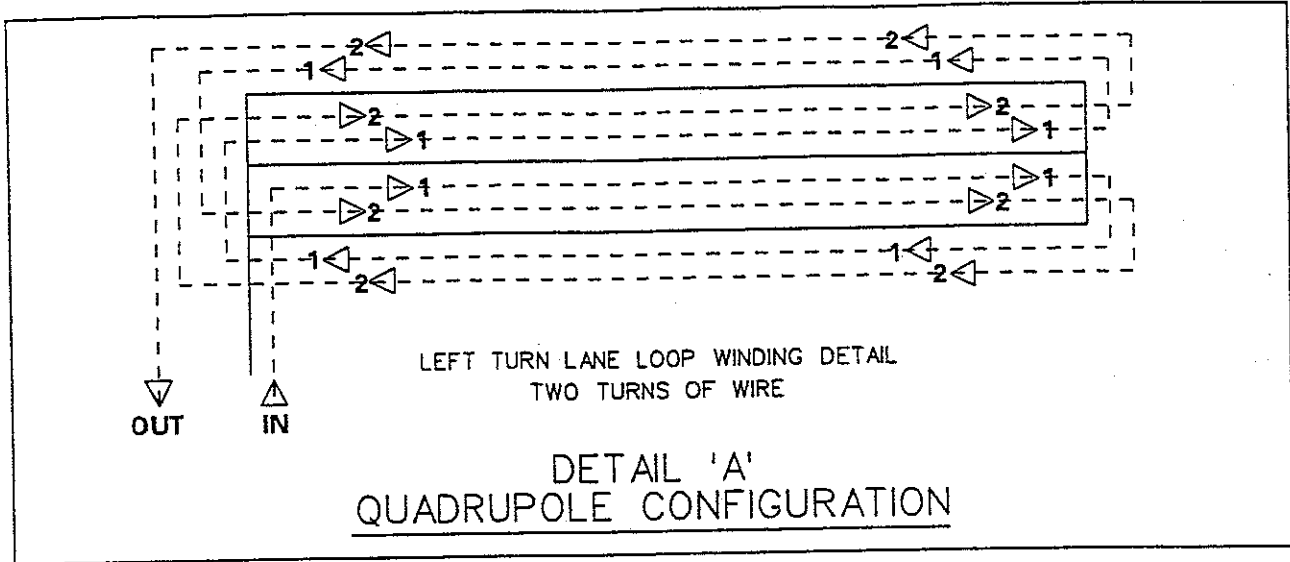
Item No:	Est. Quan.	<u>BID SCHEDULE</u>	Unit Price	Amount																																																
		The following estimated quantities are for bid purposes only. Actual quantities will be determined by needs of the WVDOH-TED, and may be increased or decreased according to schedule. The minimum quantity per job order/per district shall be two (2) loops.																																																		
1.		Standard 6' x 6' detector loops consisting of three (3) turns of #14 AWG. This item is bid as a complete per loop.																																																		
2.		Quadrupole detector loop typically 6' x variable length shall consist of two (2) turns of #14 AWG. This item shall be bid per linear foot of saw slot.																																																		
3.		Loop lead-in consisting of the extension of loop wire from the loop configuration to the junction or splice box. This item shall be bid per linear foot of saw slot.																																																		
4.		Detector Replacement (2 Channel Rack Mount)																																																		
5.		Detector Replacement (Single Channel Shelf Mount)																																																		
6.		Mobilization per District/per Purchase Order																																																		
		<b>Grand Total</b>																																																		
<u>Estimated Quantities By District</u>																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>District</u></th> <th style="text-align: center;"><u>Loop</u></th> <th style="text-align: center;"><u>Quadrupole (ft)</u></th> <th style="text-align: center;"><u>Lead (ft)</u></th> </tr> </thead> <tbody> <tr><td>One</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Two</td><td style="text-align: center;">2</td><td style="text-align: center;">800</td><td style="text-align: center;">100</td></tr> <tr><td>Three</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Four</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Five</td><td style="text-align: center;">2</td><td style="text-align: center;">800</td><td style="text-align: center;">100</td></tr> <tr><td>Six</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Seven</td><td style="text-align: center;">2</td><td style="text-align: center;">800</td><td style="text-align: center;">100</td></tr> <tr><td>Eight</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Nine</td><td style="text-align: center;">3</td><td style="text-align: center;">1000</td><td style="text-align: center;">100</td></tr> <tr><td>Ten</td><td style="text-align: center;">2</td><td style="text-align: center;">800</td><td style="text-align: center;">100</td></tr> <tr> <td><b><u>Totals</u></b></td> <td style="text-align: center;"><b><u>26</u></b></td> <td style="text-align: center;"><b><u>9200</u></b></td> <td style="text-align: center;"><b><u>1000</u></b></td> </tr> </tbody> </table>					<u>District</u>	<u>Loop</u>	<u>Quadrupole (ft)</u>	<u>Lead (ft)</u>	One	3	1000	100	Two	2	800	100	Three	3	1000	100	Four	3	1000	100	Five	2	800	100	Six	3	1000	100	Seven	2	800	100	Eight	3	1000	100	Nine	3	1000	100	Ten	2	800	100	<b><u>Totals</u></b>	<b><u>26</u></b>	<b><u>9200</u></b>	<b><u>1000</u></b>
<u>District</u>	<u>Loop</u>	<u>Quadrupole (ft)</u>	<u>Lead (ft)</u>																																																	
One	3	1000	100																																																	
Two	2	800	100																																																	
Three	3	1000	100																																																	
Four	3	1000	100																																																	
Five	2	800	100																																																	
Six	3	1000	100																																																	
Seven	2	800	100																																																	
Eight	3	1000	100																																																	
Nine	3	1000	100																																																	
Ten	2	800	100																																																	
<b><u>Totals</u></b>	<b><u>26</u></b>	<b><u>9200</u></b>	<b><u>1000</u></b>																																																	
Item 4. Detector Replacement <u>Total 10</u> 1 Per Dist.																																																				
Item 5. Detector Replacement <u>Total 10</u> 1 Per Dist.																																																				

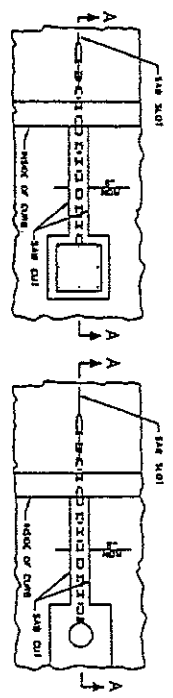


Item No:	Est. Quan.	Description	Unit Price	Amount
		<p><b><u>Governing Specifications</u></b>  The West Virginia Department of Transportation, Division of Highways' (WVDOT-DOH) Standard Specifications for Road and Bridges, adopted July 1, 2000, the Division of Highways' Supplemental Specifications, adopted January 1, 2003, and the Contract Documents.  The National Electrical Code, Standards of the National Board of Fire Underwriters for Electrical Wiring and Apparatus.</p> <p><b><u>Wage Rates</u></b>  Federal and State Wage rates apply.</p> <p><b><u>Definitions</u></b>  <b>LOOP WIRE:</b> Stranded single conductor #14 AWG wiring meeting IMSA specifications as referenced within the WV Standards and Specifications section 715.42.13.  <b>LOOP:</b> Conductor wire formed into either a standard 6' x 6', or quadrapole configuration (see WVDOH Standard Details).  <b>QUADRAPOLE LOOP:</b> A detector loop which is 6 feet in width but variable in length. This loop typically has two (2) turns of wire (see detail "A").  <b>LOOP LEAD-IN:</b> Extension of the loop wiring from the loop or quadrapole loop configuration to either the junction or splice box.  <b>DETECTOR:</b> Rack or Shelf Mount device used to amplify and transmit change in inductance of loop to controller. Detector must be listed on the latest APL.</p> <p><b><u>Installation</u></b>  The Contractor shall be responsible for placement of the loop within the work area according to plan and bringing the lead cable to the existing splice box or otherwise designated junction.</p> <p>The Contractor shall splice new loop lead-in within junction boxes, as well as connect loop within cabinet. All connections must be made within junction boxes and cabinet such that there is verification that loop or phase is operating properly. In addition, the Contractor shall remove any "recall" functions programmed for the loop(s) that have been replaced.</p> <p>The Contractor shall avoid placing loops through joints or cracked areas as much as possible. The loop placement as shown on the plan sheet may be adjusted up to three (3) feet longitudinally either way to avoid these areas. Where wire runs cross over construction or expansion joints, the Contractor shall place a two (2) inch diameter hole at the juncture to provide slack for the conductors to provide stress relief (see detail "B"). In this case, the Contractor shall notify the Traffic Engineering Division (TED) prior to installing a loop.</p>		

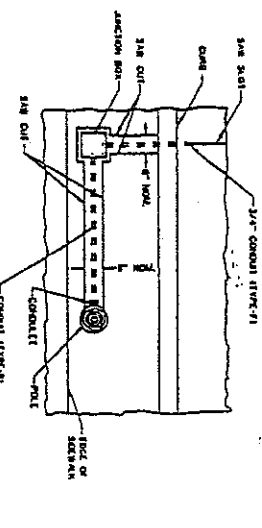
Item No:	Est. Quan.	Description	Unit Price	Amount
		<p>All 6' x 6' loops shall have three (3) turns of stranded #14 AWG copper wire. The quadrapole loops shall be six (6) feet wide and the length shall be given on the plans or by note. This loop shall consist of two (2) turns of stranded #14 copper wire (see detail "A"). The loop lead-in from the flexible conduit entrance in the pavement to the detector feeder cable terminals in the junction box shall be twisted together with approximately five (5) turns per foot. The Contractor shall adhere to section 715.42.13 of the Standard Specifications.</p> <p>The Contractor shall use any loop sealant product which is approved by the WVDOH-TED. The current approved products listing (APL) for loop sealants include Bondo #575 and Chemque Q-Seal 290S. As required, the Contractor shall replace defective or malfunctioning detectors. Detector replacement must first be authorized by TED.</p> <p><b><u>Completion</u></b> The Contractor shall have thirty (30) calendar days ARO to complete each purchase order. After completion of the request, the WVDOH shall inspect the project within ten (10) working days. Upon completion of work in each District, the Contractor shall be allowed to submit invoices for full payment per/district. If the work is not completed in the above time frame, the Contractor shall be assessed liquidated damages per District per calendar day in the amount indicated in section 108.7 of the Standard Specifications.</p> <p><b><u>Maintenance of traffic</u></b> 1. Maintenance of traffic shall be in accordance with section 636 of the WVDOT-DOH Standard Specifications, Roads and Bridges, adopted 2000, the Supplemental Specifications, January 1, 2003, and the manual, "Traffic Control for Street and Highway Construction and Maintenance Operations", September 1996, which is made a part of this contract and the traffic plan for individual segments, as described below.</p> <p style="padding-left: 40px;">A. Loops within 200' proximity of an intersection shall utilize cases A3, B1, B2, and B4B, as applicable.</p> <p style="padding-left: 40px;">B. Loops that are 201' or greater from an intersection shall utilize cases E4, E5, and E6, as applicable.</p> <p>2. The quantities of traffic control devices have been increased by fifteen (15) percent for use as directed by the Engineer when unanticipated changes occur in the traffic control plan.</p> <p>3. The Contractor shall use portable construction signs only. These signs shall be installed only while actual work is being performed and must be removed at all other times.</p>		

Item No:	Est. Quan.	Description	Unit Price	Amount
		<p><b><u>Maintenance of traffic</u></b></p> <p>4. No work shall be performed by the Contractor during peak hours (6:30 AM to 8:30 AM, and 3:30 PM to 5:30 PM).</p> <p>5. The Contractor shall perform all work during daylight hours only (sunrise to sunset).</p> <p>6. It shall be the Contractor's responsibility to coordinate traffic control with any adjacent or overlapping project. This coordination shall be done through the Engineer to ensure that any one closure shall not conflict with any other closure.</p> <p>All bids to be reviewed by the WVDOH-TED before being awarded. The award of this contract shall be based upon the above estimates and associated bid costs.</p> <p><b>DELETE SECTION 204.4 AND SUBSTITUTE THE FOLLOWING: 204.4 – METHOD OF MEASUREMENT</b></p> <p>The Method of Measurement will be lump sum, per each, and/or per mile.</p> <p><b>ADD THE FOLLOWING TO SECTION 204.5 – BASIS OF PAYMENT:</b></p> <p>When loops are required to be installed, the Engineer shall notify the Contractor by submittal of a Purchase Order designating all individual intersection/interchange loop job orders. The Contractor will then have 15 (fifteen) calendar days to begin work. At the end of the first day of work, the Contractor shall be entitled to payment of mobilization consisting of one unit of 204003-000. The Contractor will only be entitled to one unit of mobilization per District/per Purchase Order.</p> <p><b>ADD THE FOLLOWING TO SECTION 204.6 – PAY ITEMS:</b>  <b>ITEM 204003-000 – “MOBILIZATION PER DISTRICT”, PER EACH</b></p>		



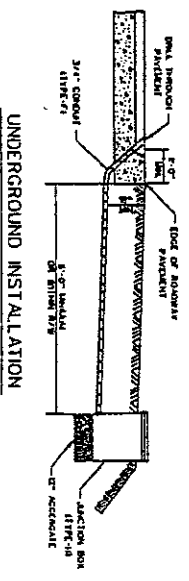


TYPICAL SECTION IN GUTTER AND SIDEWALK

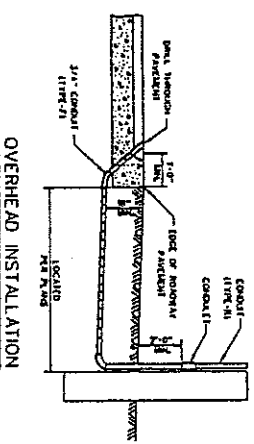


WHEN UNDERGROUND CONDUIT IS GREATER THAN 10" USE JUNCTION BOX

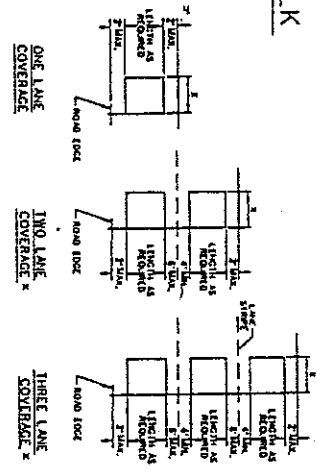
TYPICAL PLAN IN GUTTER AND SIDEWALK



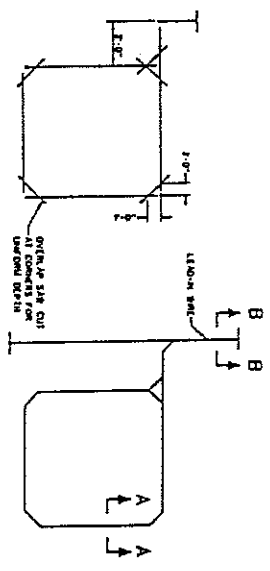
TYPICAL SECTION IN BERM



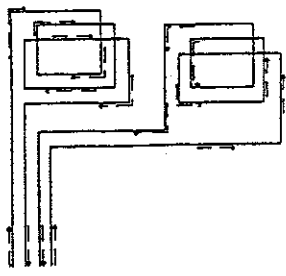
TYPICAL LANE COVERAGE DIAGRAM



SAW CUT DIAGRAM

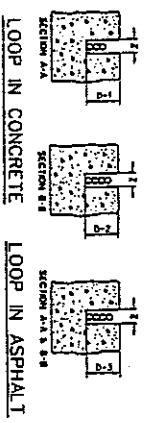


ADJACENT LOOP WINDING



- GENERAL NOTES:
1. Junction boxes shall be installed in accordance with the contract plans, the cover elevation shall be the same as the finished grade on adjacent sidewalk drive.
  2. Saw slot and loop wire:
    - a. The 3" diameter shall be placed through to accommodate the loop wire without disturbing the installation with a standard bit of 3/4".
    - b. All corners of the loop shall be cut at a 45° angle and have a beveled finish.
    - c. All wires shall be spaced and the saw cut shall have 3/8" space to square the saw cut and to square the cut of the bit. Tools shall be used.
    - d. The number of lanes of loop wire is specified on the contract plans for each roadway loop.
    - e. The 3" diameter shall be 8 feet unless otherwise specified on the contract plans.

SAW SLOT DETAIL



WEST VIRGINIA DIVISION OF HIGHWAYS

STANDARD DETAIL

LOOP DETECTOR TYPE III

INSTALLATION

DEPTH	NO. OF WIRE
D-1	1-2-3-4-5
D-2	1-2-3-4-5-6
D-3	1-2-3-4-5-6-7-8

STANDARD SHEET TES-01

STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT**

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_