



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  
**DPS1010**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**JOHN ABBOTT**  
**304-558-2544**

VENDOR

\*028140925      888-689-9222  
**MPH INDUSTRIES INCORPORATED**  
**316 E 9TH ST**  
  
**OWENSBORO KY 42303**

SHIP TO

**WEST VIRGINIA STATE POLICE**  
  
**4124 KANAWHA TURNPIKE**  
**SOUTH CHARLESTON, WV**  
**25309                      304-746-2141**

DATE PRINTED <b>10/11/2009</b>	TERMS OF SALE <b>Net 30 Days</b>	SHIP VIA <b>Common Carrier</b>	F.O.B. <b>Destination</b>	FREIGHT TERMS <b>Prepaid</b>
BID OPENING DATE: <b>10/27/2009</b>		BID OPENING TIME: <b>01:30PM</b>		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<b>0001</b>	<b>1</b>	<b>LS</b>		<b>680-77</b>	<b>See attached</b>	<b>\$10,053.00</b>
<b>RADAR INSTRUMENTS, TRAFFIC ENFORCEMENT</b>  <b>OPEN-END CONTRACT TO PROVIDE TRAFFIC RADAR UNITS FOR THE WEST VIRGINIA STATE POLICE, PER THE ATTACHED SPECIFICATIONS.</b>  <b>EXHIBIT 3</b>  <b>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.</b>  <b>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.</b>  <b>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 ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</b>						

**RECEIVED**  
**2009 OCT 26 11:50**  
**WV PURCHASING DIVISION**

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ken White</i>	TELEPHONE <b>888-689-9222</b>	DATE <b>10/23/09</b>
TITLE <b>President</b>	FEIN <b>61-1205274</b>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO REQ. INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED VENDOR



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2

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JOHN ABBOTT 304-558-2544

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/11/2009	Net 30 Days	Common Carrier	Destination	prepaid
BID OPENING DATE: 10/27/2009		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p><b>CANCELLATION:</b> THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p><b>OPEN MARKET CLAUSE:</b> 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><b>QUANTITIES:</b> 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><b>ORDERING PROCEDURE:</b> 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><b>BANKRUPTCY:</b> IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Ken W. Ali</i>	888-689-9222	10/23/09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President	61-1205274	



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VENDOR

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
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 25309 304-746-2141

DATE PRINTED <b>10/11/2009</b>	TERMS OF SALE <b>Net 30 Days</b>	SHIP VIA <b>Common Carrier</b>	FOB <b>Destination</b>	FREIGHT TERMS <b>Prepaid</b>
BID OPENING DATE: <b>10/27/2009</b>		BID OPENING TIME <b>01:30PM</b>		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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. 05/26/2009</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</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>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Ken Mills* TELEPHONE **888-689-9222** DATE **10/23/09**

TITLE **President** FEIN **61-1205274**

ADDRESS CHANGES TO BE NOTED ABOVE



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DATE PRINTED: 10/11/2009	TERMS OF SALE: Net 30 Days	SHIP VIA: Common Carrier	F.O.B.:	FREIGHT TERMS: Prepaid
BID OPENING DATE: 10/27/2009		BID OPENING TIME: 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:  SEALED BID  BUYER: JOHN ABBOTT----- RFQ. NO.: DPS1010----- BID OPENING DATE: 10/27/2009----- BID OPENING TIME: 1:30 PM-----  PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: --- 270-685-6288-----  CONTACT PERSON (PLEASE PRINT CLEARLY): --- John Broxon or eric Ruud-----  ***** THIS IS THE END OF RFQ DPS1010 ***** TOTAL: \$10,053.00						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ken M...</i>	TELEPHONE 888-689-9222	DATE 10/23/09
TITLE President	FEIN 61-1205274	ADDRESS CHANGES TO BE NOTED ABOVE

REQUEST STATEWIDE CONTRACT BASED ON THE FOLLOWING SPECIFICATIONS FOR POLICE TRAFFIC RADAR UNITS

The West Virginia State Police, hereinafter agency is soliciting competitive bids for Police Traffic Radar Units, hereinafter radar unit(s). The awarded contract(s) shall be available for use by this agency as well as all other entities of state government, and all counties and municipalities within the State Of West Virginia.

The agency has undertaken a comprehensive evaluation of radar units and has approved, in advance those models set forth herein, which meets the needs of the agency. The evaluation included both hands-on field-testing by troopers as well as being reviewed by maintenance personnel. This evaluation was conducted over approximately a two-month period. The evaluation process permitted evaluation personnel the opportunity to compare each tested unit with one another.

During the evaluation period the construction, durability, performance, and operating features of each radar unit were compared with one another as well as to radar units the evaluating members had used in the past. Evaluating employee's also evaluated each radar unit as to their expectations of what features were needed, how the radar unit functioned and the ease of operation.

The agency has placed the evaluated radar units into four different tiers according to their performance capabilities and features of each unit. The four tiers will be referred to as Tier-1, Tier-2, Tier-3 and Tier-4 hereinafter and are outlined below.

Any unit bid by a vendor must be equal to or meet or exceed the below specifications for each tier.

<u>Tier-1</u>	YES	NO
<u>SYSTEM DESCRIPTION</u>		
• Radar units in Tier-1 shall operate in the K-Band or KA-Band frequency and consist of the following items:	<u>X</u>	_____
○ Front antenna and antenna cables (2 <sup>nd</sup> antenna should be available as an option if not included).	<u>X</u>	_____
○ Corded hand controlled remote (units not having basic operating control buttons located on the face plate of the radar unit <u>shall</u> include two corded hand controlled remotes with each unit)	<u>X</u>	_____
○ Two tuning forks.	<u>X</u>	_____

- Required mounting hardware to securely mount the counting unit and front antenna to the dashboard and to securely mount the rear antenna (if purchased as a dual antenna unit) securely in the rear of the patrol vehicle.   X   \_\_\_\_\_
- Operators manual.   X   \_\_\_\_\_
- The radar unit shall measure vehicle speeds from stationary or moving patrol vehicle. The radar shall conform to all NHTSA specifications.   X   \_\_\_\_\_
- The radar unit shall provide a minimum range of 1 mile on a straight open 2-lane road with an average sized vehicle.   X   \_\_\_\_\_
- The display shall include a digital readout system of the LED type. The digital readout shall have the capability of simultaneously displaying patrol speed, target speed, and locked target (or fastest target) speed while continuing to track the target vehicle.   X   \_\_\_\_\_
- The radar unit shall be small, compact, multi-piece design, consisting of a counting unit, handheld remote control, and one or two antenna modules, and shall operate on the FCC approved K-Band and/or KA-Band frequency.   X   \_\_\_\_\_
- The system shall have a remote control switch for manual activation of the (a) RF hold mode, (b) target speed lock/release, (c) front/rear antenna select.   X   \_\_\_\_\_
- The systems remote control shall be able to be fastened securely to the counting unit.   X   \_\_\_\_\_
- The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8-16.5 volts DC, negative ground).   X   \_\_\_\_\_
- Radar components shall be assembled using modular construction, in order to expedite repair.   X   \_\_\_\_\_
- All cables shall be properly protected with a flex-protecting strain relief bushing where the cable enters the counting unit, antenna, and remote control.   X   \_\_\_\_\_

- The system shall have an adjustable range control, which allows the operator to select distance. X \_\_\_\_\_
- Systems that include a city/highway feature must not use more than a one-button push to switch between the city/highway operations. X \_\_\_\_\_

COUNTING UNIT

- The counting unit shall be capable of measuring the actual high and low Doppler input signals from the antenna unit and shall convert the measured signals into the speed of the target vehicle and the patrol vehicle, and shall display in miles per hour. X \_\_\_\_\_
- The counting unit shall contain all necessary filters and logic circuitry and be self-contained in the one unit. X \_\_\_\_\_
- The counting unit shall have the DC power line completely filtered. X \_\_\_\_\_
- The unit must have reverse polarity protection so that no damage will result, due to reversal of the power supply leads. X \_\_\_\_\_
- The counting unit shall be equipped with a low voltage warning indicator. If the power supply falls below 10.8 Vdc, the radar unit shall display no active speed readings and shall indicate the low voltage condition. X \_\_\_\_\_
- As a minimum, the radar unit shall display target speeds from 12 mph to 200 mph in both moving and stationary modes of operation. X \_\_\_\_\_
- As a minimum, the radar unit shall display patrol speeds from 12 mph to 90 mph in moving mode. X \_\_\_\_\_
- The unit shall include an adjustable audio circuit that amplifies the Doppler signal so an audio tone indication of speed of the target vehicle may be heard. X \_\_\_\_\_
- The unit shall indicate the currently active antenna (front/rear), mode of operation (moving/stationary) and transmitting status (hold/transmit). X \_\_\_\_\_

ANTENNA UNIT

- For ease of installation and repair, the antenna cable shall have a removable locking connector at both ends when one end is not internally connected to the antenna. X \_\_\_\_\_
- The antenna output power shall not exceed 50 milliwatts, with an output of 12-15 mW typical preferred. X \_\_\_\_\_
- The antenna cable shall have a rugged heavy duty, flexible jacket impervious to deterioration by oil or sunlight. Cables permanently connected to the antenna shall be constructed with molded strain reliefs at the entrance to the antenna unit. X \_\_\_\_\_

TUNING FORKS

- The vendor shall furnish two tuning forks for each unit ordered. Tuning forks shall have factory certification as to accuracy, traceable to the National Institute of Standards and Technology, and shall have individual serial numbers and band of operation stamped on the tuning fork. X \_\_\_\_\_
- Each tuning fork shall have a protective pouch type cover. X \_\_\_\_\_
- Tuning forks shall be accurate within +/- 1 mph of the calibration frequency. X \_\_\_\_\_

MOUNTING BRACKETS FOR COUNTING UNIT AND ANTENNAS

- The manufacturer shall provide one counting unit and one antenna unit dash mounting bracket with each unit ordered. When a dual antenna unit is ordered, the manufacturer shall also provide one door window and one rear deck antenna mounting bracket. (Manufacturer's shall provide a complete list of mounts available for the counting unit and antennas.) X \_\_\_\_\_
- The manufacturer shall have antenna unit mounting brackets available for dash, window, visor mount, and door window. X \_\_\_\_\_
- The vendor shall make available, at no additional cost, antenna brackets that 1) may permanently attach to inside of front windshield/rear window, 2) antenna brackets that utilize suction cups for the front windshield, these must be adjustable to allow for the installation in any patrol vehicle, and 3) visor mount X \_\_\_\_\_

with suction cups. (The customer, upon placing individual orders with the vendor, can specify each individual antenna bracket to meet the customers operating requirements not to exceed three mounting brackets per radar unit purchased).

X \_\_\_\_\_

- The non permanent mounting brackets shall be designed so that they may be easily removed from the antenna unit and vehicle, so the antenna unit can be used for handheld operation. Mounting brackets shall use a knurled knob, or approved equal for securing the antenna unit.

X \_\_\_\_\_

OPERATING INSTRUCTIONS AND SPECIFICATION MANUAL

- A full and complete set of operating instructions, with case law history in traffic radar use, shall be furnished with each unit.

X \_\_\_\_\_

WARRANTY

- The manufacturer shall fully guarantee their traffic radar systems to be free of defects in materials and workmanship for a minimum period of three (3) years from the date of delivery to the agency.

X \_\_\_\_\_

- The manufacturer shall offer and provide when requested, at no additional cost, a minimum of three days training to Electronic Technicians of the West Virginia State Police the training needed to properly operate, repair and maintain proper operation of the manufacturer's traffic radar systems and also provide complete maintenance manuals and schematics for each radar model covered in the training to each student attending the class. This training must be available at the on-site location of the West Virginia State Police.

X \_\_\_\_\_

Tier-2

SYSTEM DESCRIPTION

- Radar units in Tier-2 shall operate in the K-Band or KA-Band frequency and consist of the following items:

X \_\_\_\_\_

- o Front and Rear antennas and antenna cables.

X \_\_\_\_\_

- Corded hand controlled remote (units not having basic operating control buttons located on the face plate of the radar unit shall include two corded hand controlled remotes with each unit) X
- Two tuning forks. X
- Required mounting hardware to securely mount the counting unit and front antenna to the dashboard and to securely mount the rear antenna securely in the rear of the patrol vehicle. X
- Operators manual. X
- The radar unit shall measure vehicle speeds from stationary or moving patrol vehicle. The radar shall conform to all NHTSA specifications. X
- The radar unit shall be capable of measuring the speed of vehicles moving in the same direction as the patrol vehicle while the patrol vehicle is moving. X
- The radar unit shall provide a minimum range of 1 mile on a straight open 2 lane road with an average sized vehicle. X
- The display shall include a digital readout system of the LED type. The digital readout shall have the capability of simultaneously displaying patrol speed, target speed, and locked or fastest target speed while continuing to track the target vehicle. X
- The radar shall be able to measure speeds in all of the standard radar modes: stationary, opposite direction moving, and same direction moving. X
- The radar unit shall be small, compact, multi-piece design, consisting of a counting unit, handheld remote control, and one or two antenna modules, and shall operate on the FCC approved K-Band and/or KA-Band frequency. X
- The system shall have a remote control switch for manual activation of the (a) RF hold mode, (b) target speed lock/release, (c) front/rear antenna select, (d) same/opposite select, and (e) fastest/slowest. X

- The systems remote control shall be able to be fastened securely to the counting unit. X \_\_\_\_\_
- The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8-16.5 volts DC, negative ground). X \_\_\_\_\_
- Radar components shall be assembled using modular construction, in order to expedite repair. X \_\_\_\_\_
- All cables shall be properly protected with a flex-protecting strain relief bushing where the cable enters the counting unit, antenna, and remote control. X \_\_\_\_\_
- The system shall have an adjustable range control, which allows the operator to select distance. X \_\_\_\_\_
- Systems that include a city/highway feature must not use more than a one button push to switch between the city/highway operation function. X \_\_\_\_\_

#### COUNTING UNIT

- The counting unit shall be capable of measuring the actual high and low Doppler input signals from the antenna unit and shall convert the measured signals into the speed of the target vehicle and the patrol vehicle, and shall display in miles per hour. X \_\_\_\_\_
- The counting unit shall contain all necessary filters and logic circuitry and be self-contained in the one unit. X \_\_\_\_\_
- The counting unit shall have the DC power line completely filtered. X \_\_\_\_\_
- The unit must have reverse polarity protection so that no damage will result, due to reversal of the power supply leads. X \_\_\_\_\_
- The counting unit shall be equipped with a low voltage warning indicator. If the power supply falls below 10.8 Vdc, the radar unit shall display no active speed readings and shall indicate the low voltage condition. X \_\_\_\_\_

- As a minimum, the radar unit shall display target speeds from 12 mph to 200 mph in both moving and stationary modes of operation.   X   \_\_\_\_\_
- As a minimum, the radar unit shall display patrol speeds from 12 mph to 90 mph in moving mode, and shall display speeds of target vehicles traveling in the same direction at a higher or lower speed (to the front or to the rear) than the patrol vehicle.   X   \_\_\_\_\_
- The radar system shall be capable of accurately determining target vehicle speeds while operating in either the stationary, moving/opposite direction, or moving/same direction mode.   X   \_\_\_\_\_
- The radar unit shall perform an automatic internal test upon power-up of the unit and at least every five minutes that the system has power applied.   X   \_\_\_\_\_
- The unit shall include an adjustable audio circuit that amplifies the Doppler signal so an audio tone indication of speed of the target vehicle may be heard.   X   \_\_\_\_\_
- The radar unit shall incorporate a "fastest vehicle" function that allows the operator to selectively monitor the speed of the fastest vehicle within the antenna beam. A visual indication shall be provided while this "fastest vehicle" function is active.   X   \_\_\_\_\_
- The unit shall indicate the currently active antenna (front/rear), mode of operation (moving/stationary), direction of operation (same/opposite) and transmitting status (hold/transmit).   X   \_\_\_\_\_
- The radar unit shall indicate the activation of fastest mode.   X   \_\_\_\_\_
- The counting unit shall be of the modern DSP (Digital Signal Processor) type.   X   \_\_\_\_\_
- The counting unit must contain two antenna connectors (1 front antenna and 1 rear antenna; separate junction box not acceptable).   X   \_\_\_\_\_
- The design of the system shall allow either the front or rear antenna to be disconnected, and the system to be operated as a single antenna unit, without any modification.   X   \_\_\_\_\_

ANTENNA UNIT

- For ease of installation and repair, the antenna cable shall have a removable locking connector at both ends when one end is not internally connected to the antenna. X \_\_\_\_\_
- The antenna output power shall not exceed 50 milliwatts, with an output of 12-15 mW typical preferred. X \_\_\_\_\_
- The antenna cable shall have a rugged heavy duty, flexible jacket impervious to deterioration by oil or sunlight. Cables permanently connected to the antenna shall be constructed with molded strain reliefs at the entrance to the antenna unit. X \_\_\_\_\_

TUNING FORKS

- The vendor shall furnish two tuning forks for each unit ordered. Tuning forks shall have factory certification as to accuracy, traceable to the National Institute of Standards and Technology, and shall have individual serial numbers and band of operation stamped on the tuning fork. X \_\_\_\_\_
- Each tuning fork shall have a protective pouch type cover. X \_\_\_\_\_
- Tuning forks shall be accurate within +/- 1 mph of the calibration frequency. X \_\_\_\_\_

MOUNTING BRACKETS FOR COUNTING UNIT AND ANTENNAS

- The manufacturer shall provide one counting unit and one antenna unit dash mounting bracket and also provide one door window and one rear deck antenna mounting bracket with each unit ordered. (Manufacturer's shall provide a complete list of mounts available for the counting unit and antennas.) X \_\_\_\_\_
- The manufacturer shall have antenna unit mounting brackets available for dash, window, visor mount, and door window. X \_\_\_\_\_
- The vendor shall make available, at no additional cost, antenna brackets that 1) may permanently attach to inside of front windshield/rear window, 2) antenna brackets that utilize suction cups for the front windshield, these must be adjustable to allow for the installation in any patrol vehicle, and 3) visor mount with suction cups. (The customer, upon placing individual orders with the vendor, can specify each individual antenna X \_\_\_\_\_

bracket to meet the customers operating requirements not to exceed three mounting brackets per radar unit purchased).

X \_\_\_\_\_

- The non permanent mounting brackets shall be designed so that they may be easily removed from the antenna unit and vehicle, so the antenna unit can be used for handheld operation. Mounting brackets shall use a knurled knob, or approved equal for securing the antenna unit.

X \_\_\_\_\_

OPERATING INSTRUCTIONS AND SPECIFICATION MANUAL

- A full and complete set of operating instructions, with case law history in traffic radar use, shall be furnished with each unit.

X \_\_\_\_\_

- A single sheet laminated operating guide shall be provided with each unit.

X \_\_\_\_\_

WARRANTY

- The manufacturer shall fully guarantee their traffic radar systems to be free of defects in materials and workmanship for a minimum period of three (3) years from the date of delivery to the agency.

X \_\_\_\_\_

- The manufacturer shall offer and provide when requested, at no additional cost, a minimum of three days training to Electronic Technicians of the West Virginia State Police the training needed to properly operate, repair and maintain proper operation of the manufacturer's traffic radar systems and also provide complete maintenance manuals and schematics for each radar model covered in the training to each student attending the class. This training must be available at the on-site location of the West Virginia State Police.

X \_\_\_\_\_

Tier-3

SYSTEM DESCRIPTION

- Radar units in Tier-3 shall operate in the K-Band and/or KA-Band frequency and consist of the following items:

X \_\_\_\_\_

- Front and Rear antennas and antenna cables.

X \_\_\_\_\_

- Corded hand controlled remote (units not having basic operating control buttons located on the face plate of the radar unit shall include two corded hand controlled remotes with each unit) X \_\_\_\_\_
- Two tuning forks. X \_\_\_\_\_
- Required mounting hardware to securely mount the counting unit and front antenna to the dashboard and to securely mount the rear antenna securely in the rear of the patrol vehicle. X \_\_\_\_\_
- Operators manual. X \_\_\_\_\_
- The radar unit shall measure vehicle speeds from stationary or moving patrol vehicle. The radar shall conform to all NHTSA specifications. X \_\_\_\_\_
- The radar unit shall be capable of measuring the speed of vehicles moving in the same direction as the patrol vehicle while the patrol vehicle is moving, and it shall be equipped with a fastest vehicle mode. X \_\_\_\_\_
- The radar unit, when measuring same direction speeds, shall require no input from the officer in order to accurately calculate the target speeds. X \_\_\_\_\_
- The radar unit shall conform to all National Highway Traffic Safety Administration (NHTSA) specifications. X \_\_\_\_\_
- The radar unit shall provide a minimum range of 1 mile on a straight open 2 lane road with an average sized vehicle. X \_\_\_\_\_
- The display shall include a digital readout system of the LED type. The digital readout shall have the capability of simultaneously displaying patrol speed, target speed, and locked or fastest target speed while continuing to track the target vehicle. X \_\_\_\_\_
- The radar shall be able to measure speeds in all of the standard radar modes: stationary, opposite direction moving, and same direction moving. X \_\_\_\_\_

- The radar unit shall be small, compact, multi-piece design, consisting of a counting unit, handheld remote control, and one or two antenna modules, and shall operate on the FCC approved K-Band and/or KA-Band frequency. X \_\_\_\_\_
- The radar unit shall employ directional radar sensing technology. No input from the officer shall be necessary for the radar to accurately measure vehicle speeds in same direction moving mode. In addition, in stationary mode, the radar shall be able to measure the vehicle in a selected direction while completely ignoring the traffic moving in the opposite direction. The range of the radar shall not be affected by opposite direction targets. A mode shall be present in which the radar shall measure the speed of the strongest target moving in either direction; in this mode the radar shall indicate the measured target's direction. X \_\_\_\_\_
- The radar shall operate in the same direction mode without a faster or slower button. X \_\_\_\_\_
- The system shall have a remote control switch for manual activation of the (a) RF hold mode, (b) target speed lock/release, (c) front/rear antenna select, (d) same/opposite select, (e) volume control, (f) internal test, and (g) backlight. X \_\_\_\_\_
- The systems remote control shall be able to be fastened securely to the counting unit. X \_\_\_\_\_
- The system shall be capable of accepting and operating with a wireless remote control. X \_\_\_\_\_
- The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8-16.5 volts DC, negative ground). X \_\_\_\_\_
- Radar components shall be assembled using modular construction, in order to expedite repair. X \_\_\_\_\_
- All cables shall be properly protected with a flex-protecting strain relief bushing where the cable enters the counting unit, antenna, and remote control. X \_\_\_\_\_

- The system shall have an adjustable range control, which allows the operator to select distance. X \_\_\_\_\_
- Systems that include a city/highway feature must not use more than a one button push to switch between the city/highway operation function. X \_\_\_\_\_

COUNTING UNIT

- The counting unit shall be capable of measuring the actual high and low Doppler input signals from the antenna unit and shall convert the measured signals into the speed of the target vehicle and the patrol vehicle, and shall display in miles per hour. X \_\_\_\_\_
- The counting unit shall contain all necessary filters and logic circuitry and be self-contained in the one unit. X \_\_\_\_\_
- The counting unit shall have the DC power line completely filtered. X \_\_\_\_\_
- The unit must have reverse polarity protection so that no damage will result, due to reversal of the power supply leads. X \_\_\_\_\_
- The counting unit shall be equipped with a low voltage warning indicator. If the power supply falls below 10.8 Vdc, the radar unit shall display no active speed readings and shall indicate the low voltage condition. X \_\_\_\_\_
- As a minimum, the radar unit shall display target speeds from 12 mph to 200 mph in both moving and stationary modes of operation. X \_\_\_\_\_
- As a minimum, the radar unit shall display patrol speeds from 12 mph to 90 mph in moving mode, and shall display speeds of target vehicles traveling in the same direction at a higher or lower speed (to the front or to the rear) than the patrol vehicle. X \_\_\_\_\_
- The radar system shall be capable of accurately determining target vehicle speeds while operating in either the stationary, moving/opposite direction, or moving/same direction mode. X \_\_\_\_\_
- The radar unit shall perform an automatic internal test upon power-up of the unit and at least every five minutes that the system has power applied. X \_\_\_\_\_

- The unit shall include an adjustable audio circuit that amplifies the Doppler signal so an audio tone indication of speed of the target vehicle may be heard. X \_\_\_\_\_
- The radar unit shall incorporate a "fastest vehicle" function that allows the operator to monitor the speed of the fastest vehicle within the antenna beam. A visual indication shall be provided while this "fastest vehicle" function is active. X \_\_\_\_\_
- The unit shall indicate the currently active antenna (front/rear), mode of operation (moving/stationary), direction of operation (same/opposite), transmitting status (hold/transmit), and the direction of the target vehicle. X \_\_\_\_\_
- The counting unit shall be of the modern DSP (Digital Signal Processor) type. X \_\_\_\_\_
- The counting unit must contain two antenna connectors (1 front antenna and 1 rear antenna; separate junction box not acceptable). X \_\_\_\_\_
- The design of the system shall allow either the front or rear antenna to be disconnected, and the system to be operated as a single antenna unit, without any modification. X \_\_\_\_\_

#### ANTENNA UNIT

- For ease of installation and repair, the antenna cable shall have a removable locking connector at both ends, when one end is not internally connected to the antenna. X \_\_\_\_\_
- The antenna output power shall not exceed 50 milliwatts, with an output of 12-15 mW typical preferred. X \_\_\_\_\_
- The antenna cable shall have a rugged heavy duty, flexible jacket impervious to deterioration by oil or sunlight. Cables permanently connected to the antenna shall be constructed with molded strain reliefs at the entrance to the antenna unit. X \_\_\_\_\_

TUNING FORKS

- The vendor shall furnish two tuning forks for each unit ordered. Tuning forks shall have factory certification as to accuracy, traceable to the National Institute of Standards and Technology, and shall have individual serial numbers and band of operation stamped on the tuning fork.
- Each tuning fork shall have a protective pouch type cover.
- Tuning forks shall be accurate within +/- 1 mph of the calibration frequency.

X \_\_\_\_\_  
 X \_\_\_\_\_  
 X \_\_\_\_\_

MOUNTING BRACKETS FOR COUNTING UNIT AND ANTENNAS

- The manufacturer shall provide one counting unit and one antenna unit dash mounting bracket and also provide one door window and one rear deck antenna mounting bracket with each unit ordered. (Manufacturer's shall provide a complete list of mounts available for the counting unit and antennas.)
- The manufacturer shall have antenna unit mounting brackets available for dash, window, visor mount, and door window.
- The vendor shall make available, at no additional cost, antenna brackets that 1) may permanently attach to inside of front windshield/rear window, 2) antenna brackets that utilize suction cups for the front windshield, these must be adjustable to allow for the installation in any patrol vehicle, and 3) visor mount with suction cups. (The customer, upon placing individual orders with the vendor, can specify each individual antenna bracket to meet the customers operating requirements not to exceed three mounting brackets per radar unit purchased).
- The non permanent mounting brackets shall be designed so that they may be easily removed from the antenna unit and vehicle, so the antenna unit can be used for handheld operation. Mounting brackets shall use a knurled knob, or approved equal for securing the antenna unit.

X \_\_\_\_\_  
 X \_\_\_\_\_  
 X \_\_\_\_\_  
 X \_\_\_\_\_

OPERATING INSTRUCTIONS AND SPECIFICATION MANUAL

- A full and complete set of operating instructions, with case law history in traffic radar use, shall be furnished with each unit.

X \_\_\_\_\_

- A single sheet laminated operating guide shall be provided with each unit.

X \_\_\_\_\_

WARRANTY

- The manufacturer shall fully guarantee their traffic radar systems to be free of defects in materials and workmanship for a minimum period of three (3) years from the date of delivery to the agency.

X \_\_\_\_\_

- The manufacturer shall offer and provide when requested, at no additional cost, a minimum of three days training to Electronic Technicians of the West Virginia State Police the training needed to properly operate, repair and maintain proper operation of the manufacturer's traffic radar systems and also provide complete maintenance manuals and schematics for each radar model covered in the training to each student attending the class. This training must be available at the on-site location of the West Virginia State Police.

X \_\_\_\_\_

Tier-4

SYSTEM DESCRIPTION

- Radar units in Tier-4 shall operate in the KA-Band frequency and consist of the following items:

\_\_\_\_\_ X

- Front and Rear antennas and antenna cables.

X \_\_\_\_\_

- Corded hand controlled remote (units not having basic operating control buttons located on the face plate of the radar unit shall include two corded hand controlled remotes with each unit)

X \_\_\_\_\_

- Two tuning forks.

X \_\_\_\_\_

- Required mounting hardware to securely mount the counting unit and front antenna to the dashboard and to securely mount the rear antenna securely in the rear of the patrol vehicle.

X \_\_\_\_\_

- Operators manual.

X \_\_\_\_\_

- The radar unit shall measure vehicle speeds from stationary or moving patrol vehicle. The radar shall conform to all NHTSA specifications. X \_\_\_\_\_
- The radar unit shall consist of two independently operating radar systems (front/rear) built into one unit. \_\_\_\_\_ X
- The radar unit shall contain a shared counting unit with a dedicated forward antenna with antenna cable and a rear antenna with antenna cable, and shall have a shared remote control and shared display. \_\_\_\_\_ X
- The radar unit shall be capable of measuring the speed of vehicles moving in the same direction as the patrol vehicle on one antenna while simultaneously measuring the speed of vehicles moving in the opposite direction from the other antenna. \_\_\_\_\_ X
- The radar unit shall be equipped with a fastest vehicle mode, which shall operate automatically, therefore not requiring any action of the officer to accurately calculate the target speeds. X \_\_\_\_\_
- The radar unit, when measuring same direction speeds, shall require no input from the officer in order to accurately calculate the target speeds. X \_\_\_\_\_
- The radar unit shall conform to all National Highway Traffic Safety Administration (NHTSA) specifications. X \_\_\_\_\_
- The radar unit shall provide a minimum range of 1 mile on a straight open 2 lane road with an average sized vehicle. X \_\_\_\_\_
- The display shall include a digital readout system of the LED type. The digital readout shall have the capability of simultaneously displaying patrol speed, target speed, and locked or fastest target speed while continuing to track the target vehicle. X \_\_\_\_\_
- The radar shall be able to measure speeds in all of the standard radar modes: stationary, opposite direction moving, and same direction moving. X \_\_\_\_\_

- The radar unit shall be small, compact, multi-piece design, consisting of a counting unit, handheld remote control, and one or two antenna modules, and shall operate on the FCC approved KA-band frequency. \_\_\_\_\_ X \_\_\_\_\_
- The radar unit shall employ directional radar sensing technology. No input from the officer shall be necessary for the radar to accurately measure vehicle speeds in same direction moving mode. In addition, in stationary mode, the radar shall be able to measure the vehicle in a selected direction while completely ignoring the traffic moving in the opposite direction. The range of the radar shall not be affected by opposite direction targets. A mode shall be present in which the radar shall measure the speed of the strongest target moving in either direction; in this mode the radar shall indicate the measured target's direction. \_\_\_\_\_ X \_\_\_\_\_
- The radar shall operate in the same direction mode without a faster or slower button. \_\_\_\_\_ X \_\_\_\_\_
- The system shall have a remote control switch for manual activation of the (a) RF hold mode, (b) target speed lock/release, (c) front/rear antenna select, (d) same/opposite select, (e) volume control, (f) internal test, and (g) backlight. \_\_\_\_\_ X \_\_\_\_\_
- The systems remote control shall be able to be fastened securely to the counting unit. \_\_\_\_\_ X \_\_\_\_\_
- The system shall be capable of accepting and operating with a wireless remote control. \_\_\_\_\_ X \_\_\_\_\_
- The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8-16.5 volts DC, negative ground). \_\_\_\_\_ X \_\_\_\_\_
- Radar components shall be assembled using modular construction, in order to expedite repair. \_\_\_\_\_ X \_\_\_\_\_
- All cables shall be properly protected with a flex-protecting strain relief bushing where the cable enters the counting unit, antenna, and remote control. \_\_\_\_\_ X \_\_\_\_\_
- The system shall have an adjustable range control, which allows the operator to select distance. \_\_\_\_\_ X \_\_\_\_\_

- Systems that include a city/highway feature must not use more than a one button push to switch between the city/highway operation function.

X \_\_\_\_\_

COUNTING UNIT

- The counting unit shall be capable of measuring the actual high and low Doppler input signals from the antenna unit and shall convert the measured signals into the speed of the target vehicle and the patrol vehicle, and shall display in miles per hour.

X \_\_\_\_\_

- The counting unit shall contain all necessary filters and logic circuitry and be self-contained in the one unit.

X \_\_\_\_\_

- The counting unit shall have the DC power line completely filtered.

X \_\_\_\_\_

- The unit must have reverse polarity protection so that no damage will result, due to reversal of the power supply leads.

X \_\_\_\_\_

- The counting unit shall be equipped with a low voltage warning indicator. If the power supply falls below 10.8 Vdc, the radar unit shall display no active speed readings and shall indicate the low voltage condition.

X \_\_\_\_\_

- As a minimum, the radar unit shall display target speeds from 12 mph to 200 mph in both moving and stationary modes of operation.

X \_\_\_\_\_

- As a minimum, the radar unit shall display patrol speeds from 12 mph to 90 mph in moving mode, and shall display speeds of target vehicles traveling in the same direction at a higher or lower speed (to the front or to the rear) than the patrol vehicle.

X \_\_\_\_\_

- The radar system shall be capable of accurately determining target vehicle speeds while operating in either the stationary, moving/opposite direction, or moving/same direction mode.

X \_\_\_\_\_

- The radar unit shall perform an automatic internal test upon power-up of the unit and at least every five minutes that the system has power applied.

X \_\_\_\_\_

- The unit shall include an adjustable audio circuit that amplifies the Doppler signal so an audio tone indication of speed of the target vehicle may be heard.     X     \_\_\_\_\_
- The radar unit shall incorporate a "fastest vehicle" function that allows the operator to monitor the speed of the fastest vehicle within the antenna beam. A visual indication shall be provided while this "fastest vehicle" function is active.     X     \_\_\_\_\_
- The unit shall indicate the currently active antenna (front/rear), mode of operation (moving/stationary), direction of operation (same/opposite), transmitting status (hold/transmit), and the direction of the target vehicle.     X     \_\_\_\_\_
- The counting unit shall be of the modern DSP (Digital Signal Processor) type.     X     \_\_\_\_\_
- The counting unit must contain two antenna connectors (1 front antenna and 1 rear antenna; separate junction box not acceptable).     X     \_\_\_\_\_
- The design of the system shall allow either the front or rear antenna to be disconnected, and the system to be operated as a single antenna unit, without any modification.     X     \_\_\_\_\_

#### ANTENNA UNIT

- For ease of installation and repair, the antenna cable shall have a removable locking connector at both ends, when one end is not internally connected to the antenna.     X     \_\_\_\_\_
- The antenna output power shall not exceed 50 milliwatts, with an output of 12-15 mW typical preferred.     X     \_\_\_\_\_
- The antenna cable shall have a rugged heavy duty, flexible jacket impervious to deterioration by oil or sunlight. Cables permanently connected to the antenna shall be constructed with molded strain relief's at the entrance to the antenna unit.     X     \_\_\_\_\_

TUNING FORKS

- The vendor shall furnish two tuning forks for each unit ordered. Tuning forks shall have factory certification as to accuracy, traceable to the National Institute of Standards and Technology, and shall have individual serial numbers and band of operation stamped on the tuning fork.     X     \_\_\_\_\_
- Each tuning fork shall have a protective pouch type cover.     X     \_\_\_\_\_
- Tuning forks shall be accurate within +/- 1 mph of the calibration frequency.     X     \_\_\_\_\_

MOUNTING BRACKETS FOR COUNTING UNIT AND ANTENNAS

- The manufacturer shall provide one counting unit and one antenna unit dash mounting bracket and also provide one door window and one rear deck antenna mounting bracket with each unit ordered. (Manufacturer's shall provide a complete list of mounts available for the counting unit and antennas.)     X     \_\_\_\_\_
- The manufacturer shall have antenna unit mounting brackets available for dash, window, visor mount, and door window.     X     \_\_\_\_\_
- The vendor shall make available, at no additional cost, antenna brackets that 1) may permanently attach to inside of front windshield/rear window, 2) antenna brackets that utilize suction cups for the front windshield, these must be adjustable to allow for the installation in any patrol vehicle, and 3) visor mount with suction cups. (The customer, upon placing individual orders with the vendor, can specify each individual antenna bracket to meet the customers operating requirements not to exceed three mounting brackets per radar unit purchased).     X     \_\_\_\_\_
- The non permanent mounting brackets shall be designed so that they may be easily removed from the antenna unit and vehicle, so the antenna unit can be used for handheld operation. Mounting brackets shall use a knurled knob, or approved equal for securing the antenna unit.     X     \_\_\_\_\_

OPERATING INSTRUCTIONS AND SPECIFICATION MANUAL

- A full and complete set of operating instructions, with case law history in traffic radar use, shall be furnished with each unit.     X     \_\_\_\_\_

- A single sheet laminated operating guide shall be provided with each unit.

X \_\_\_\_\_

WARRANTY

- The manufacturer shall fully guarantee their traffic radar systems to be free of defects in materials and workmanship for a minimum period of three (3) years from the date of delivery to the agency.

X \_\_\_\_\_

- The manufacturer shall offer and provide when requested, at no additional cost, a minimum of three days training to Electronic Technicians of the West Virginia State Police the training needed to properly operate, repair and maintain proper operation of the manufacturer's traffic radar systems and also provide complete maintenance manuals and schematics for each radar model covered in the training to each student attending the class. This training must be available at the on-site location of the West Virginia State Police.

X \_\_\_\_\_

GENERAL COMMENTS

The contract(s) will be awarded to the bid containing the lowest total cost of the complete specified systems including all hardware, software, publications as outlined in these specifications. The optional listed items on the price quotation sheet will not be used in the calculations for lowest bid award.

Manufacturers/vendors shall utilize the attached Price Quotation sheet for listing items bid and costs.

The agency has conducted thorough research of the acceptable police radar units offered and is convinced that those units specified are the only units available which meet its needs. If any vendor elects to bid an alternate model in any of the four tiers, they must provide detailed product literature with their bid, which on its face, documents and supports that the unit bid is equal to or better than those specified.

The agency reserves the right to make multiple or split awards from this single solicitation.

**PRICE QUOTATION**

Tier #1 Level One Radars as per attached specs:

Make: MPH Industries Model: Python III K-band

System with Single Antenna \$ 724.00

System with Dual Antenna \$ 943.00

(The Below Pricing is considered as an Option and therefore the Pricing will not be included in determining the Bid Award. The Below listed items need to be priced for after original purchase, replacement cost or upgrade.)

Single Antenna \$ 300.00

Tuning Fork Set with case \$ 49.00

Remote Control \$ 92.00

Tier #2 Level Two Radars as per attached specs:

Make: MPH Industries Model: Python III FS K-band

System with Single Antenna \$ 974.00

System with Dual Antenna \$ 1233.00

(The Below Pricing is considered as an Option and therefore the Pricing will not be included in determining the Bid Award. The Below listed items need to be priced for after original purchase, replacement cost or upgrade.)

Single Antenna \$ 300.00

Tuning Fork Set with case \$ 49.00

Remote Control \$ 122.00

Software upgrade to Tier 3 \$ N/A

Software upgrade to Tier 4 \$ N/A

**Tier #3** Level Three Radars as per attached Specs:Make: MPH Industries Model: BEE III Ka-bandSystem with Single Antenna \$ 1492.00System with Dual Antenna \$ 1992.00

(The Below Pricing is considered as an Option and therefore the Pricing will not be included in determining the Bid Award. The Below listed items need to be priced for after original purchase, replacement cost or upgrade.)

Single Antenna \$ 598.00Tuning Fork Set with case \$ 49.00Remote Control \$ 188.00Software upgrade to Tier 4 \$ N/A**Tier #4** Level Four Radars as per attached Specs: \$ 2695.00Make: MPH Industries Model: Ranger

(The Below Pricing is considered as an Option and therefore the Pricing will not be included in determining the Bid Award. The Below listed items need to be priced for after original purchase, replacement cost or upgrade.)

Single Antenna \$ 702.00Tuning Fork Set with case \$ 49.00Remote Control \$ 200.00**TOTAL BID COST: \$ 10,053.00**

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: \_\_\_\_\_ Signed: \_\_\_\_\_

Date: \_\_\_\_\_ Title: \_\_\_\_\_

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

### VENDOR OWING A DEBT TO THE STATE:

**West Virginia Code** §5A-3-10a provides that: 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 owed is an amount greater than one thousand dollars in the aggregate.

### PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code**. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code** and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the **West Virginia Code** may take place before their work on the public improvement is begun.

### ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### LICENSING:

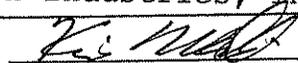
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, 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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: MPH Industries, Inc.

Authorized Signature:  Date: 10/23/09