



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
AGR1011

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
RON PRICE
304-558-0492

*709034233 540-992-5500
SUMMIT HELICOPTERS CMMM INC
PO BOX 39
CLOVERDALE VA 24077

DEPARTMENT OF AGRICULTURE
PLANT INDUSTRIES DIVISION
BUILDING 6
4720 BRENDA LANE
CHARLESTON, WV
25312 558-2222

DATE PRINTED 01/12/2010	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **01/28/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	GL		905-25	<i>\$ 76⁴⁹</i>	<i>\$ 76⁴⁹</i>
<p>AERIAL APPLICATION OF BTI</p> <p>OPEN END CONTRACT</p> <p>TO PROVIDE AERIAL APPLICATION OF BTI TO STREAMS IN SOUTHERN WV.</p> <p>SECTION 1. PURPOSE</p> <p>1.1 INTRODUCTION THIS CONTRACT IS FOR THE AERIAL APPLICATION OF BTI (BACILLUS THURINGIENSIS ISRAELENIS) TO STREAMS IDENTIFIED IN NEED OF TREATMENT IN SOUTHERN WEST VIRGINIA FOR THE PURPOSE OF BLACK FLY CONTROL. FUTURE WATERWAYS DETERMINED TO BE IN NEED OF TREATMENT WILL BE ADDED AS IDENTIFIED. THE VENDOR MUST PROVIDE THE BTI AND ALL ASSOCIATED ASPECTS OF APPLICATION INCLUDING SCOUTING TRIP(S) TO DETERMINE HAZARDS PRIOR TO TREATMENT SEASON AND TO DETERMINE IF AERIAL APPLICATION IS FEASIBLE FOR NEW AREAS. THE WEST VIRGINIA DEPARTMENT OF AGRICULTURE, BLACK FLY CONTROL PROGRAM COORDINATOR WILL PROVIDE SITES (SECTION 3.2), DATES OF APPLICATION, AND AMOUNTS OF MATERIAL TO BE APPLIED. ALL OTHER ASPECTS OF THIS PROGRAM ARE TO BE INCLUDED IN THE CONTRACT.</p> <p>PAYMENTS ARE BASED ON THE GALLONS OF CONCENTRATE SPRAYED (BTI ONLY, NO PROVISIONS FOR DILUTION WATER ARE INCLUDED).</p> <p>ADDITIONAL SPECIFICATIONS ARE ATTACHED</p> <p>NOTICE</p>						

RECEIVED
 2010 JAN 28 AM 11:22
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Carol M. Wilko* TELEPHONE **540 992 5500** DATE **1/26/10**

TITLE **PRESIDENT** FEIN **54 1156923** 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. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, 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.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **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>.
15. **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, and the West Virginia Insurance Commission. 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.
16. **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 material, 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.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. 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. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination, unless alternate shipping terms are clearly identified in the quotation.
4. 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: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/12/2010				

BID OPENING DATE: **01/28/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UCP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>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: RP-41</p> <p>RFQ. NO.: AGR1011</p> <p>BID OPENING DATE: 1/28/10</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p style="text-align: right;"><i>540 992 5503</i></p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p style="text-align: center;"><i>CARL N. MILKO</i></p> <p>-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Carl N. Milko</i>	TELEPHONE <i>540 992 5500</i>	DATE <i>1/26/10</i>
TITLE <i>PRESIDENT</i>	FEIN <i>54-1156923</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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PURCHASING CONTINUATION SHEET

Buyer: RP		
Spending Unit: Plant Industries Division		
Dept of Agriculture		

1.2 AREA TO BE TREATED -*Bti* application will occur on West Virginia rivers identified as in need of treatment. Map 6-1 (Section 6) shows the state map with interstates marked. Map 6-2 (Section 6) shows the general river areas to be treated in Mercer, Summers, Greenbrier, and Pocahontas Counties. The State has received permission from the National Park Service to treat within the boundaries of the National Park system. Permission was not necessary from the USDA Forest Service on the Monongahela National Forest because the State owns the rivers and no landing zones were designated on National Forest lands.

Exact treatment sites are marked on 7.5 minute topographic maps which are available for review in the office of the West Virginia Department of Agriculture, Guthrie Complex located at 275 Gus R. Douglass Lane, Building 6, Charleston, West Virginia, 25312. Individuals interested in inspecting the maps during regular work hours should contact the Black Fly Control Program Coordinator, at (304) 541-5471.

There are currently 18 application sites on the New River, 99 on the Greenbrier River and 13 on the Bluestone River. An additional 15 miles will be added to the Greenbrier, from Marlinton to Clover Lick, in 2010. This will raise the number of spray sites on the entire river to approximately 114. These sites include those locations within National Park and Monongahela National Forest boundaries. The topographic maps have the locations marked. The exact location and number of application sites may be shifted, added, or deleted based on the stream discharge rate and/or larval concentrations. These determinations will be made by Department personnel.

1.3 BIDDERS QUALIFICATIONS -Bids submitted by Fixed-Based Operators (FBO), or firms that are currently certified as commercial aircraft operators, with office, maintenance facilities, owned or leased aircraft, employees, qualified pilots and mechanics, and have tools, equipment, and spare parts for the make and type of aircraft specified in this proposal will be considered. Applicators must have, or receive prior to application date, a Licensed Pesticide Application Business license from the West Virginia Department of Agriculture, pursuant to the provisions of the West Virginia Pesticide Use and Application Act. Applicators must qualify under all Federal Aviation Regulations, currently be certified for agricultural aircraft operations, and have at least three (3) years experience. The successful vendor maintains responsibility for the entire contract even if a subcontractor is providing part of the equipment and/or personnel.

1.4 SCOPE OF AGREEMENT -It is the purpose and intent of this contract to provide specifications for: aircraft, *Bti*, equipment, applications, and other operational requirements necessary for a successful program, for securing properly certified and approved aircraft, dispersal systems, service facilities, qualified ground personnel, and FAA certified and qualified pilots familiar with proper aerial application of *Bti* to specified sites on the streams to be treated.

1.5 ESTIMATED TIME SCHEDULE -Vendor must be equipped and ready to initiate *Bti* application within 10 days of written notice to proceed. The treatment period is expected to begin in March or April and to continue through October. Each treatment station is expected to receive approximately 20 applications during the course of the summer. The exact dates of application cannot be provided in advance as they are extremely dependent upon water temperature and stream discharge values. A five (5) day notice will be given to contractors prior to the initial application and forty-eight (48) hours notice will be given prior to each following application. It is anticipated that there will be between 7 and 14 days between most applications. It may not be possible to treat all streams on the same day since treatment timing is a function of larval development. When possible, however, the Program Coordinator or designee will try to schedule all applications the same day. Aircraft are free to be used for other contractor commitments between applications. Table 1-1 shows a summary of the 2009 application program.



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Table 2-2: Monthly spray summary, 2009 WVDA Black Fly Control Program.

Month	Total Gallons <i>Bti</i>	Number of Applications
March	827	1
April	642	1
May	1,339	2
June	18,80.6	4
July	15,14.3	3
August	23,13.8	4
September	10,02.9	5
October	8,17.5	2
Totals:	10,337.10	22

A summary report for the 2009 Black Fly Control Program may be obtained by contacting the Black Fly Control Program Coordinator (See Section 1.2). Site locations and estimated volumes may be altered during the course of the program as needed to achieve the desired control. Volumes of *Bti* needed are calculated using the following formula to obtain an approximate 11 ppm concentration at a given treatment site:

water flow (in ft.³/second)/ 200 = *Bti* required (in gal.)

For instance, the water flow at a given site is 9500 ft.³/second:

9500 ft.³/second/ 200 = 47.5 gal. *Bti*

Table 2-3: Estimated gallons of *Bti* required to treat New River (from the WV border to Hinton), based on 2009.

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Month	Number of Sites (Avg.)	Avg. Flow (ft ³ /sec.)	<i>Bti</i> Volume (gal.) per site	Number of Applications per Month	Total <i>Bti</i> (gal.)
March	8	6833	29-44 (avg. 36.5)	1	294
April	8	7780	32-46 (avg. 39)	1	317
May	7	7817	18-77 (avg. 47.5)	2	495
June	9	5617	17-47 (avg. 32)	4	1029
July	17	3432	14-26 (avg. 20)	3	843
August	17	2867	11-42 (avg. 26.5)	5	1328
September	18	2377	9-19 (avg. 14)	4	876
October	14	3380	12-24 (avg. 18)	2	431
TOTALS:	12 avg.	5013 avg.	29 avg.	22	5613

Table 2-4: Estimated gallons of *Bti* required to treat Bluestone River (lower 12 miles), based on 2009.

Month	Number of Sites (avg.)	Avg. Flow (ft ³ /sec.)	<i>Bti</i> Volume (gal.) per site	Number of Applications per Month	Total <i>Bti</i> (gal.)
March	6	570	3	1	18
April	4	915	4	1	16
May	9	713	3.5	2	46
June	10	477	2.6	3	55.1
July	13	237	1.2	3	45.5
August	13	285	1.3	3	52
September	13	115	0.6	3	22.8
October	13	153	0.75	2	19.5
TOTALS:	10 avg.	433 avg.	2.1 avg.	18	274.9

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Table 2-5: Estimated gallons of *Bti* required to treat Greenbrier River, Marlinton to Hinton, based on 2009.

Month	Number of Sites (avg.)	Avg. Flow (ft ³ /sec.)*	<i>Bti</i> Volume (gal.) per site	Number of Applications per Month	Total <i>Bti</i> (gal.)
March	17	4070	12-40 (avg. 26)	1	515
April	43	1752	4-12 (avg. 8)	1	309
May	69	2144	3-21 (avg. 12)	2	798
June	77	1237	0.5-13 (avg. 6.8)	3	796.5
July	99	423	0.4-6 (avg. 3.2)	3	625.8
August	84	1002	0.6-20 (avg. 10.3*)	4	933.8
September	99	96	0.3-0.7 (avg. 0.5)	2	104.1
October	92	428	1-4 (avg. 2.5)	2	367
TOTALS:	72 avg.	1394 avg.	8.7 avg.	19	4449.2

*Avg. inflated by one atypical high-flow day.

Note: An additional 15 miles will be added to the Greenbrier, from Marlinton to Clover Lick, in 2010. This will raise the number of spray sites on the entire river to approximately 114.

C) GROUND SUPPORT -The contractor must supply adequately trained and qualified personnel in sufficient quantity to drive all necessary support vehicles, operate the equipment used to transfer and mix insecticides, and properly service each aircraft. All personnel provided by the contractor must be able to communicate effectively in English. It is more important for these people to be familiar with the equipment than the territory. Hiring personnel with no prior experience with handling and mixing insecticides is not permitted.

All aircraft under contract must be capable of working independently of any other aircraft, thus requiring ground support personnel for the aircraft. All ground support personnel should be equipped and trained to take proper action in an emergency. These people should observe standard safety precautions in handling the insecticide solution and refueling the aircraft. The contractor is required to replace any ground support person who does not demonstrate the knowledge and capability of performing their duties.

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The aircraft shall be equipped with a bullhorn or other public announcement system. This system will be used as necessary to warn people in or beside the river that the aircraft will be applying a pesticide.

2.5 PERSONNEL

(A) PROJECT SUPERVISOR -The applicator shall designate one person to act as the Applicator's Project Supervisor (APS). This person shall be an experienced pilot familiar with the equipment being used, and with authority to act on all matters pertaining to the applicator's performance on the project. The Applicator's Project Supervisor should also be a West Virginia Certified Pesticide Applicator. If the APS is not the Certified Applicator, then the contractor must have a certified applicator present in direct supervision of the application of pesticides in accordance with the West Virginia Pesticide Use and Application Act.

(B) PILOTS -The Contractor shall provide pilots that are FAA qualified to operate the aircraft specified in the bid. Every spray pilot must have two (2) seasons of Btl application experience specifically for the control of black flies within the past 10 years.

All spray pilots must meet or exceed the following experience minimums:

Total All Aircraft	100 Hours
Type of Aircraft to be Used in Contract	500 Hours
Night	10 Hours
Typical Terrain	50 Hours
In Weight Class to be Flown (light, medium, etc.)	100 Hours
Make and Model, Preceding 60 Days	10 Hours

Thirty (30) landings and take-offs at typical altitude with loads similar to an average spray load

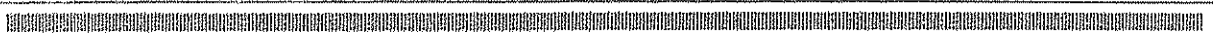
2.6 EQUIPMENT

(A) SPECIALIZED HELICOPTER REQUIREMENTS -One category B ship is required during the high flow periods of high stream flow. During low flow periods other ships may be used, but must be approved by the Department. The following table defines the helicopter categories that may be used for the program.

Minimum Average Spray Category	Horsepower	Loads (Gals.)	Examples
A	260	70	Bell 47C Hiller 12E
B	400	120	Bell 206B Bell/Soloy 47G-3B Hiller/Soloy 12E Hughes 500C

Each aircraft engine shall be in first class operating condition. Engine and airframe logs must be submitted at time of inspection. Each aircraft engine and airframe shall meet the following requirements:

- 1) Each engine must have operated a minimum of 50 flight hours;
- 2) Fifteen (15) of these flight hours must have occurred in the two (2) months prior to the initiation of the spray project;
- 3) No aircraft will be accepted for this project with engine or component time within 100 flight hours of the maximum time before overhaul (TBO) recommended by the manufacturer.



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All aircraft used in the project will have space for one (1) passenger in addition to the pilot in the event reconnaissance flights are needed.

In the event that any spray aircraft used in this contract becomes incapacitated and cannot return safely to full operation during any one application day, the contractor must provide a replacement craft of similar capabilities.

Safety regulations prescribed by the FAA, the State of West Virginia, the contractor and the Department will be observed at all times. The pilot will ensure proper loading of the aircraft such that the tanker weight does not exceed the maximum gross weight specified by the manufacturer. A minimum of twenty (20) minutes reserve fuel supply in addition to the amount needed for the round trip is required. Windshields or bubble shall be kept clean.

(B) AIRCRAFT SPRAY SYSTEM

TANKS -Leakproof corrosion-resistant tanks with exterior filler openings are to be used. The location and size of tanks shall not impair air-worthiness by overloading or displacing the center of gravity beyond acceptable limits. Filler openings or necks should be large enough to prevent surging during filling. Tanks must be vented to the outside of the fuselage.

EMERGENCY DUMP SYSTEM -Each aircraft must be equipped with an emergency jettisonable load dumping system or emergency non-leaking dump valves of adequate capacity and adequately vented to dump the load and so installed to prevent blowback into the fuselage. In no case shall the ratio between load in gallons carried to the area of dump valves in square inches be greater than 7.65 to 1. Exposed valve control linkage must be protected to prevent unintentional opening of the valve in any manner. The control lever must be substantially mounted in the cockpit within easy reach of the pilot when he/she is wearing a shoulder harness properly.

PUMPING SYSTEM -The pumping system must be securely attached and capable of maintaining the pressure required to insure the even distribution of the insecticide. All plumbing and pumps should be large enough to handle a minimum flow rate of 40 gallons/minute. All parts should be chemically resistant to the spray materials being used.

PRESSURE GAUGE -An accurate spray pressure gauge should be located so that it can be easily read by the pilot.

SHUTOFF -To avoid contamination of areas not scheduled for treatment, the entire spray system must be leakproof and have a positive shutoff mechanism capable of eliminating dripping from the boom ports.

CLEAN SYSTEM -All aircraft spray systems and tanks must be cleaned of all foreign material and flushed with water prior to the start of this spray operation. During the spray program it may be necessary to flush the spray system with water daily or when the operation is delayed because of bad weather, etc.

STRAINER -An in-line strainer is not required, but if the contractor elects to use one it must be no finer than 50-mesh.

SPRAY BOOM -Each aircraft shall be equipped with an approved standard wet boom system of the type commonly used for aerial application of liquids. The inside of the boom should be clean. The length of the boom between the last nozzle on each end must not extend beyond the tip of the main rotor.

NOZZLES/BOOM PORTS -Nozzles are not required, the application will be made with open ports to reduce fines. The ports should be positioned to angle downward to reduce shearing during application. Each aircraft must be equipped with enough shut-offs, blanks, or plugs to reduce the number of operating ports down to one. The required application rate per minute may range from 40 gallons per minute to as low as 0.5 gallons per minute. It is understood that dilution must occur during low river flows. two or more sites and to monitor flow rate during the actual application.

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SECTION 2. REQUIREMENTS OF THE CONTRACTOR

2.1 GENERAL -The contractor is obligated to furnish aircraft operated and maintained on the ground and in the air with personnel and all needed support equipment to produce each application in accordance with the contract agreement. Repairs and maintenance of aircraft are contractor responsibility. Other sections in these contract specifications will give more specific information on equipment required.

2.2 SPRAY MATERIAL

(A) Bacillus thuringiensis israelensis (Bti) -The spray material (Bti) will be purchased and provided by the contractor. Bti formulations must meet a viscosity of 700 or less as measured by a Brookfield Viscometer at 25 °C, 30 RPM using a Number 3 spindle. It will be the applicator's responsibility to insure trouble free operation with the material purchased. Any product presenting operational problems must be immediately replaced. Unless problems are encountered, all Bti must be of the same formulation.

Bti may be supplied in drums or bulk tanks. The material must be properly stored to ensure its effectiveness. All Bti products used in this program must be new material manufactured after October 1 of the year preceding the current spray season (i.e., for the 2010 spray season, all Bti must be manufactured after Oct. 1, 2009).

Documentation of this fact must be provided by the contractor. The contractor assumes full responsibility for the handling, storage, security, transportation of the product and for legal disposal of empty containers. The contractor is responsible for ensuring that adequate material is on hand for each application. The Bti will be applied undiluted where possible. During low water periods it may become necessary to dilute the Bti with water if properly dispensing small quantities becomes a problem. In such situations, the contractor will supply and transport the water used for mixing. The contractor must have a water source approved by the Department before it may be used. When material is diluted with water, payment will be based on gallons of concentrate (Bti) applied.

(B) The only acceptable Bti formulation is:

Vectobac-12AS, EPA Registration 275-66

Bti vendor:

Vectobac
Jim Andrews
Valent BioSciences
Telephone: (910) 392-7621
Fax (847) 778-8673

2.3 APPLICATION TECHNIQUES -The Bti will be sprayed directly into the water from an altitude of 10 to 15 feet above the surface of the water, where possible. It is recognized that on the smaller streams with an extensive canopy this may not always be possible. Application speed on open river sites is generally expected to be between 25 and 50 miles per hour. The objective is to spray back and forth across the stream applying equal swaths to produce a wide band of Bti drifting through that portion of the stream. It may be necessary to divide the stream into sections if the helicopter cannot carry enough insecticide to make the proper application across the full width. On the smaller streams the applications will have to be made by flying one or two diagonal passes along the stream or even by making a few short sprays passes parallel to the stream.

The Program Coordinator or designee will specify the volume of material to be applied at each site for each application. The correct volume of Bti is dependent upon the flow rate of the stream on the date of application.



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Table 1.1 Black Fly Control Program Spray Summary: 2009

Spray Date	Gallons of <i>Bti</i> Applied				Total (gal.)
	Upper New♣	Lower New♣	Bluestone♥	Greenbrier♦	
3/27/2009	89	205	18	75	387
3/30/2009*				440	440
4/16/2009	99	218	16	309	642
5/13/2009	75	205	20	454	754
5/26/2009	78	137	26	109	350
5/27/2009*				235	235
6/4/2009	96	177	20	296	589
6/16/2009	81	150	26	221	478
6/17/2009*				160	160
6/24/2009	84	178			262
6/30/2009	109	154	9.1	119.5	391.6
7/9/2009	128	174	6.5	147.6	456.1
7/20/2009	112	176	13	130.2	431.2
7/28/2009	113	140	26	348	627
8/4/2009	114	170	26	511	821
8/11/2009	114	206	13	38	371
8/12/2009*				193	193
8/17/2009	96	126			222
8/20/2009	96	138	13	104.4	351.4
8/27/2009	122	146		87.4	355.4
9/2/2009	88	98	4.6		190.6
9/9/2009	89	98	13	61.1	261.1
9/15/2009	90	98			188
9/23/2009	147	168	5.2	43	363.2
10/1/2009	65	134	13	268	480
10/13/2009	104	128	6.5	99	337.5
TOTALS	2189	3424	274.9	4449.2	10,337.10

♣Refers to the New River between the Virginia/West Virginia border and Bluestone Lake

♣Refers to the New River between Bluestone Lake and I-64

♥Refers to the lower 12 miles of the Bluestone River

♦Refers to the Greenbrier River from Marlinton to the confluence with the New River at Hinton

*Refers to a continuation of previous spray not completed due to weather or mechanical problems

NOTE: The first two sprays of 2009 went only as far as Anthony, not Marlinton, on the Greenbrier River.

PURCHASING CONTINUATION SHEET

Buyer:			11
RP			
Spending Unit: Plant Industries Division			
Dept of Agriculture			

TOTALIZER, FLOW METER/SPRAY TIMER -The applicator must be able to accurately deliver the specified volume of material to each site. This may be accomplished by providing an accurate totalizer, or a combination flow meter and timer, or by limiting the maximum number of sites to two per load. Each aircraft utilizing a totalizer must have the appropriate calibration code for the *Bti* product being used. In addition, each aircraft must be equipped with a digital timer that is activated automatically when the spray switch is operated. The timer must be capable of an accurate measurement of the cumulative spray time in minutes and tenths of minutes or seconds. Hour meters are not acceptable. This will be a definite aid to the pilot in accurately splitting a load between two or more sites and to monitor flow rate during the actual application.

CALIBRATION OF SPRAY SYSTEM -Daily calibration of spray equipment is required. Calibration must occur prior to the initial *Bti* application of the day.

(C) FIELD TRUCKS -A truck equipped for transporting and dispensing insecticide and aircraft fuel is required. Truck and trailer combinations are acceptable when they meet all requirements of the West Virginia Department of Highways. Other arrangements may be determined to be acceptable, but must have prior approval from the Department. The field trucks must be large enough to legally carry the minimum volume of *Bti* needed for that treatment day.

If the *Bti* is delivered in drums, then each truck must be equipped with a drum wrench and the necessary device for pumping from a drum into the bulk tank.

(D) INSECTICIDE STORAGE TANK -All tanks used to transport insecticides must be leak proof and corrosion-resistant. Filler openings and air vents must be adequate to prevent surging during filling. Tanks must be equipped with properly fitting covers or hatch plates and kept closed except when filling or circulating. This is done to reduce or prevent contamination by foreign material. Tanks must be thoroughly cleaned and free of rust, residues and particulate matter such as grit and sand. All tanks will be inspected before being permitted to be filled with insecticide or water. Tanks used for bulk storage of insecticide must have visual calibration markings or a dip stick calibrated at 25 gallons or finer intervals for use as a double check to the meters.

This tank must be equipped with a recirculation system designed to produce a swirling action which will mix and agitate the *Bti*. Inlet lines should direct the material parallel to the curved internal surface of the tank. Large internal tank baffles that restrict the agitation in any portion of the tank must be avoided. Additional mechanical agitation is also acceptable. The return line must be below the surface of the mixture in the tank.

(E) PUMPS -The pump used for circulation, mixing and loading must produce a sufficient flow rate to fill the aircraft it supplies in a maximum of three (3) minutes without producing high pressures. The pump used for drafting the undiluted insecticide from a 30 gallon drum must be capable of repeatedly emptying a drum in less than three (3) minutes.

A second pump, with sufficient flow rate to fill the aircraft it supplies in a maximum of three (3) minutes without producing high pressures, must be supplied to load any water that may be required for dilutions.

(F) METERS -All meters must be calibrated and inspected by a certified operator no more than 60 days prior to the start of the spraying. Copies of this certification shall be provided to the Program Coordinator prior to the beginning of each spray season for each meter used in the program. Meters must be capable of safely handling the flow rate necessary for loading the aircraft. Meters with lighted digital displays that are difficult to see in direct full sunlight are not acceptable. The meter shall be capable of accurately metering only liquid. The meter must be capable of discriminating liquid from air. The contractor is also responsible for all flight time needed for proper calibration of the aircraft and any needed recalibration check flights.

(G) STORAGE TANK STRAINERS -An in-line strainer must be located prior to the intake of the meter. This strainer may be on either side of the pump. The strainer elements used to screen the insecticides must be 30 to 50-mesh size and fit properly in the strainer housing. Strainer elements of finer than 50-mesh such as 80- or 100-mesh are not permitted.

(H) RADIOS -Communications between the ground and air are the responsibility of the contractor. The contractor must supply the necessary equipment to provide two-way radio contact between the helicopter and the ground support truck. All aircraft and field trucks must be provided with FCC and FAA approved ground to-air radio communications. These radios must be in proper working order. The range of this radio equipment must be a minimum of ten miles.

Certified through the WV Department of Labor, Weights and Measures Section, (304) 722-0502

PURCHASING CONTINUATION SHEET

Buyer:		
RP		
Spending Unit: Plant Industries Division		
Dept of Agriculture		

The pilot must be able to transmit and receive on the tower and ground control frequencies used by the airports in the contract area. If it is not possible for the pilot to monitor both a control tower and the ground support truck at the same time, the procedure to switch from one to the other must be simple and require only one hand.

(I) ACCESSORY EQUIPMENT-All accessory equipment including any vehicles necessary for transporting the insecticide from storage or from one operational site to another are the responsibility of the contractor. Accessory equipment supplied by the contractor is defined as any needed insecticide storage tanks, (equipped for agitation or recirculation), pumps, hoses, fire extinguishers, metering devices, and similar equipment necessary for mixing the insecticide and loading the spray aircraft, and any other services, equipment, and materials that may be needed.

2.7 OTHER RESPONSIBILITIES -In addition to equipment and personnel, the vendor must meet the following obligations:

(A) LOADING SITES -The selection of a suitable helispot or airfield is the responsibility of the contractor. The Department recommends that the contractor find several loading sites carefully located to minimize ferry distance. Use of the site must not present problems from a legal aspect, and permission to use the site must be obtained by the contractor. The contractor will be responsible for any damage done to or within the vicinity of the work area which is a direct result of spraying operations. The contractor must locate and secure permission for all helispots or airfields prior to the start of the project. The State owns several areas located near the operational area and the program coordinator will cooperate with the contractor in securing permission to use these sites, if they are deemed acceptable by the contractor. The contractor or his representatives must notify the Program Coordinator of the loading sites to be used prior to any spraying operations.

During previous years, Pipestem State Park has provided storage for *Bti*. This location has also been used as a loading site. The Army Corps of Engineers has also provided a loading zone immediately below Bluestone Dam.

If no public restroom facilities are within one tenth of a mile of the loading sites, the contractor shall provide and pay for adequate temporary toilet facilities for personnel during the spray season. Toilets shall be of types approved by the land owner and the State Health Department and be situated only in approved areas. The contractor shall be responsible for operation and sanitary maintenance of the temporary toilets and shall have them removed at the conclusion of the spray season.

The contractor shall provide safe drinking water at all loading sites, if no public drinking water source is available.

(B) MAINTENANCE -The contractor shall provide maintenance on the spray system, the aircraft, the mixing and pumping system, the trucks and the storage tanks. Care should be taken to prevent leakage of spray material at all times. Routine maintenance is to be conducted at times that will not interfere with the spray operation. Only emergency repairs are to be performed during scheduled spray hours.

(C) SECURITY -If guard service for the helicopters and/or facilitating equipment is required or desired by the contractor, the contractor shall provide the necessary personnel. Care should be taken to ensure aircraft storage sites are not located in fog prone areas which might delay the start of the daily spray program.

(D) AIRCRAFT REFUELING -The contractor must provide aircraft fuel at each loading site, if needed. The fuel tank must be equipped with a pump to transfer the fuel through a hose and nozzle for refueling while the engine is running and/or the rotor spinning. Refueling from hand held containers is permitted only in emergency situations and then only during a complete shut down.

(E) NON-SPRAYING FLIGHTS -Flights to and from the project area, as well as any needed reconnaissance flights over the spray areas, are provided by the contractor. The Program Coordinator or designee may be available to ride in the helicopter on a reconnaissance flight to help the pilot become familiar with the spray sites.

PURCHASING CONTINUATION SHEET

Buyer:		
RP		
Spending Unit: Plant Industries Division		
Dept of Agriculture		

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The contractor shall provide safe drinking water at all loading sites, if no public drinking water source is available.

(B) MAINTENANCE -The contractor shall provide maintenance on the spray system, the aircraft, the mixing and pumping system, the trucks and the storage tanks. Care should be taken to prevent leakage of spray material at all times. Routine maintenance is to be conducted at times that will not interfere with the spray operation. Only emergency repairs are to be performed during scheduled spray hours.

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(E) NON-SPRAYING FLIGHTS -Flights to and from the project area, as well as any needed reconnaissance flights over the spray areas, are provided by the contractor. The Program Coordinator or designee may be available to ride in the helicopter on a reconnaissance flight to help the pilot become familiar with the spray sites.



PURCHASING CONTINUATION SHEET

Buyer:		
RP		
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(G) FLIGHT DUTY LIMITATIONS -Maximum flight time is limited to eight (8) hours per day. This must be broken into two (2) segments separated by a rest period that is restricted to meals and relaxation. Other jobs, such as driving a truck or conducting aircraft maintenance will not be counted as part of a rest period. Pilots are to have at least eight (8) consecutive hours off duty prior to the start of each day.

(H) INSPECTION -Department personnel will inspect the contractor's aircraft to determine if the equipment offered meets the Contract Specifications. Performance tests, if necessary, will be conducted at a location mutually agreed upon between Department personnel and the contractor. The contractor shall assume all expenses incident to operation of the aircraft and the pilot's time during these tests. The Department may request this inspection be held thirty (30) days prior to scheduled start of spraying.

(I) FIELD EXPENSE -Costs incurred in the operation and maintenance of all the equipment on the project is the responsibility of the contractor. Expenses incurred by all contract personnel including arrangements for food, lodging and transportation are the responsibility of the contractor.

(J) INDEMNITY CLAUSE -The contractor shall indemnify and save and keep harmless the State of West Virginia and National Park Service/United States of America against all loss, cost, damage, claim, expense or liability whatsoever, because of accident or injury to persons or property of others in connection with the application under this agreement.

(K) EXPERIMENTAL SPRAYING -The Department may request that the successful vendor conduct a small amount of experimental spraying. This will be done to gain knowledge of the dispersal of the *Bti* after application in the various streams. In the event that this is necessary, the contractor will be compensated for any such experimental work at the contractual rate. In such cases equitable compensation would be negotiated if extra work or expense is involved.

(L) PERSON FLYING AS NAVIGATOR -In the event the contractor needs Department personnel to accompany the pilot on a flight to act as a navigator for site location or general reconnaissance, the contractor will guarantee a minimum of \$150,000.00 insurance coverage for the Department personnel.

SECTION 3. OBLIGATIONS OF THE DEPARTMENT

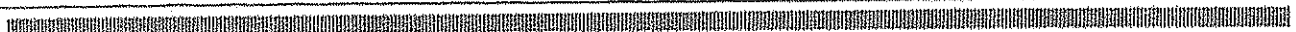
3.1 APPLICATION MONITORING AND SUPERVISION -The treatment operations will be administered by the Department of Agriculture, Plant Industries Division. The Program Coordinator or designee will work with the pilot and the ground crew, acting as a dispatcher and record keeper.

3.2 MAPS -The Program Coordinator or designee will provide USGS 7.5 minute topographic maps with each treatment site marked and labeled. There will be no ground markers at treatment sites.

3.3 PRE-WORK CONFERENCE -Prior to initiation of this spray program, Department representatives will meet with the contractor to discuss details and procedures. The date, time and location of this conference and who should attend will be mutually agreed upon.

3.4 SAFETY -Department personnel are required to conduct themselves in a safe manner especially in the vicinity of the spray aircraft and support equipment.

(*The flight time is the total time when the aircraft is off the ground. It begins with the first load of the day and ends with the landing from the last load of the day. Moving aircraft to and from the work site before and after spraying is not included.



PURCHASING CONTINUATION SHEET

Buyer:		
RP		
Spending Unit: Plant Industries Division		
Dept of Agriculture		

SECTION 4. AGREED DAMAGES FOR FAILURE TO PERFORM

4.1 INTRODUCTION -Accurate timing of application of the *Bti* is critical to the success of the program. For this reason delays caused by the contractor could well destroy the effectiveness of this control program. The contractor shall not be liable for assessed damage costs if the failure to meet the terms of the contract arises out of causes beyond the control and with no fault or negligence of the contractor. Such causes may include, but are not restricted to, acts of God or of the public enemy, acts of the State in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case, the failure to perform must be beyond the control and without the fault or negligence of the part of the contractor. The following items (but not limited to just these items) are considered to be failure to perform acts and subject to monetary compensation:

4.2 LATE ARRIVAL -Verbal notice will be given to the contractor five (5) days in advance of a time and location to have his equipment assembled for the start of the spray program. Following the first application, an advance notice of thirty-six (36) hours will be given to report for subsequent spraying operations. Failure to arrive on the day specified will be assessed as liquidated damages. This same assessment applies if the aircraft is on site, but failure to have all the necessary ground support equipment or materials on site make it impossible to spray that day.

4.3 TARDINESS -The contractor will be told in advance the starting time of the spray operation on each day. Contractor personnel should be at the work site prior to the start time and be set up to load the ship and begin application. Tardiness on any part of the crew which delays the departure of the first load when conditions are acceptable for spraying can be assessed as liquidated damages.

4.4 INSECTICIDE SPILLS AND DUMPS -The contractor must provide trucks for transporting the insecticide and will be held liable for any loss of the material between the receipt of delivery by the contractor and its proper dispersal from the aircraft spray system.

4.5 PROCEDURE -In cases where the contractor causes a delay as described in this Section, the incident will be detailed in writing by the Program Coordinator and submitted to the contractor's Project Supervisor. A copy will also be given to the contractor. All approved reports will be subject to the appropriate provisions and assessed costs shall be deducted before final payment is made to the contractor.

SECTION 5. AWARDING OF CONTRACT

5.1 BASIS OF PAYMENT -Contractor payment is based on the number of gallons of *Bti* concentrate properly applied to designated sites.

5.2 BIDS -The bid form requires the contractor to develop a price for providing and applying the pesticide on a per gallon basis. This price is then multiplied by the estimated gallons to be applied to produce a Total Bid Price. The award will be made to the lowest bidder who meets all the required specifications of this RFQ.

5.3 LIFE OF CONTRACT -This contract becomes effective on March 1, 2010 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 Program Coordinator 30 days written notice.

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.

5.4 RENEWAL -This contract may be renewed upon the mutual written consent of the spending Unit and Vendor, submitted in writing to the Black Fly Control Program Coordinator, 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) successive one (1) year periods.

5.5 CANCELLATION -The Department reserves the right to cancel this contract immediately upon written notice to the vendor if the materials or workmanship are of an inferior quality or do not conform to the specifications of the bid and bid contract herein.

WV-36a STATE OF WEST VIRGINIA

PURCHASING CONTINUATION SHEET

Buyer:

RP

Spending Unit: Plant Industries Division

Dept of Agriculture

5.6 INSURANCE -Successful vendors shall furnish proof of coverage of commercial General Liability Insurance prior to issuance of a contract. Unless otherwise specified in the bid documents, the minimum amount of insurance coverage required is \$250,000.00. The insurance policy shall list both the WV Department of Agriculture/State of West Virginia, the National Park Service/United States of America and the USDA Forest Service as certificate holders.

5.7 BOND -A Bid Bond of \$5,000.00, payable to the State of West Virginia, shall be submitted with each bid. Personal or business checks are not acceptable in lieu of the bid bond.

5.8 OTHER -The Department requires that the following information be submitted with the bid. This information will be used to evaluate the qualifications of the bidders prior to awarding the contract; lowest bid alone may not serve as the justification for contract award:

(A) Aircraft make and model, FAA registration number, spray system make and tank capacity for each aircraft to be used.

(B) Names of pilots, commercial certificate numbers and limitations, if any, flight hours in command as specified, number of seasons of forest or related spraying experience, FAA medical certificate, class and date of examination, copy of WV Pesticide Application Business license.

The Department also reserves the right to contact references to determine the bidders' reliability and competency prior to awarding the bid.

5.9 SUBCONTRACTS -The vendor who is awarded this contract, when performing work under the terms and conditions of this contract, is solely responsible for the satisfactory completion of the work. The prime vendor shall not be allowed to subcontract any work or services under this contract to any other person, company, corporation, firm, organization, or agency without prior written approval of the Department. The prime vendor shall be responsible for ensuring that any sub contractors have all the necessary permits, licenses, qualifications, certifications, and insurance to perform the work. The Department will consider the prime vendor to be the sole point of contact with regard to authorized work under the contract; however, this provision does not prohibit the Department from directly contacting subcontractors.

5.9 BID FORMAT -Bids will be computed using the following general format.

The total contract amount to be paid to the successful bidder is dependent on the actual gallons sprayed and the per gallon bid price. The actual amount sprayed may differ substantially from the estimates.

Spray costs for the 2010 black fly control program:

BID PER GALLON APPLIED: \$ 76⁴⁹ per gallon

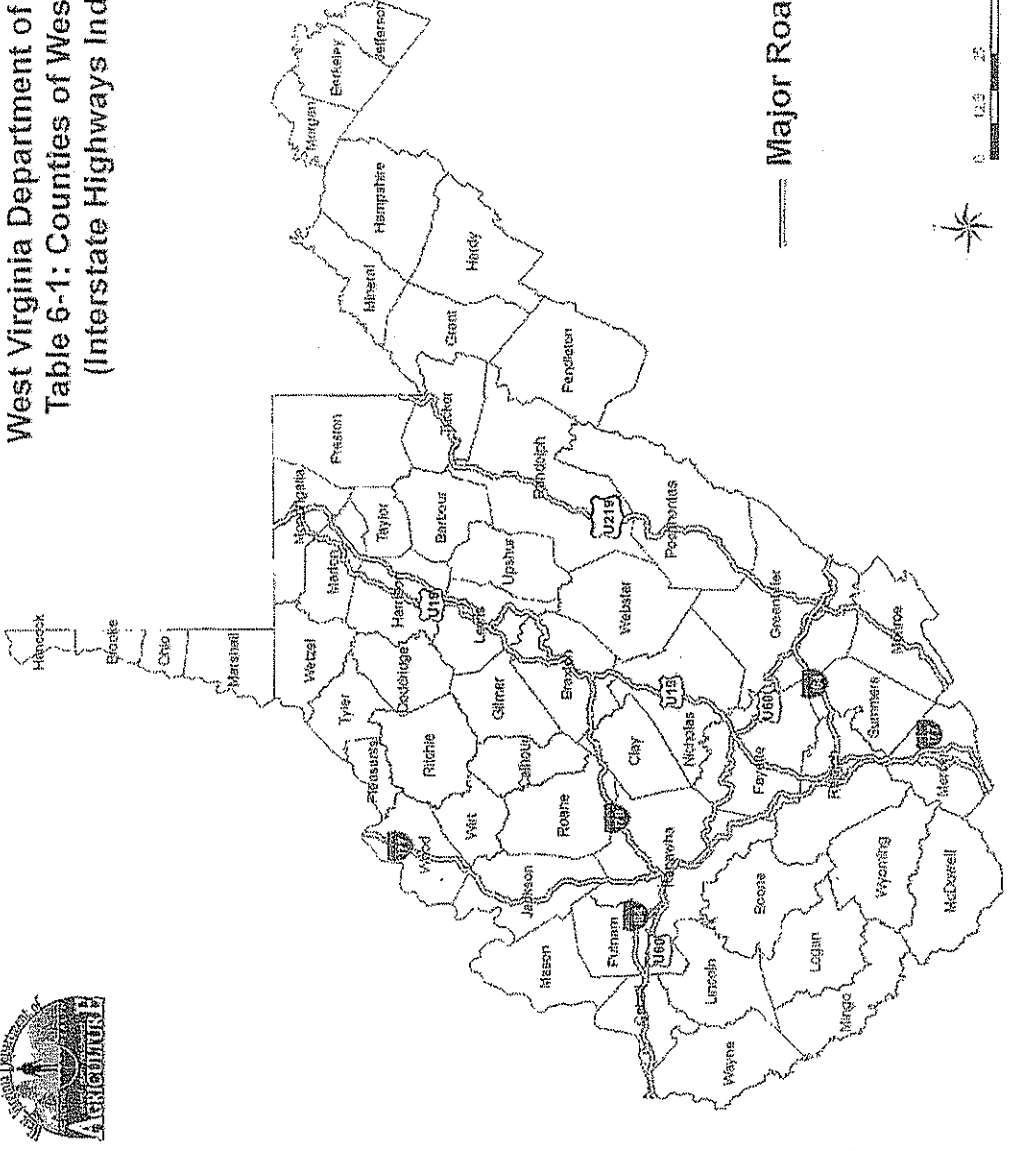
Contractors are advised that the actual flows encountered in the spray program may be considerably less than the 50% estimate used to construct the current bid packages (See Section 2.3).

SECTION 6. MAPS

Map 6-1. State Map

Map 6-2. River Map

West Virginia Department of Agriculture
 Table 6-1: Counties of West Virginia
 (Interstate Highways Indicated)



Major Roads



BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Summit Helicopters, Inc.
of Cloverdale, VA, as Principal, and Hartford Fire Insurance Company
of Hartford, CT, a corporation organized and existing under the laws of the State of
CT with its principal office in the City of Hartford, as Surety, are held and firmly bound unto the State
of West Virginia, as Obligee, in the penal sum of Five Percent of Amount Bid (\$ 5%) for the payment of which,
well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for
Aerial Application of BTI to Streams in Southern, WV; as per attached bid.

NOW THEREFORE,

- (a) If said bid shall be rejected, or
- (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached
hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the
agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full
force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event,
exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby
waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this
28th day of January, 2010

Principal Corporate Seal

Summit Helicopters, Inc.
(Name of Principal)
By: [Signature]
(Must be President or
Vice President)
PRESIDENT
(Title)

Surety Corporate Seal



Hartford Fire Insurance Company
(Name of Surety)
By: [Signature]
Elizabeth A. Dyer
Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Corporate seals must be affixed,
and a power of attorney must be attached.

ACKNOWLEDGEMENTS

Acknowledgement by Principal if Individual or Partnership

- 1. STATE OF _____
- 2. County of _____ to-wit:
- 3. I, _____, a Notary Public in and for the
- 4. county and state aforesaid, do hereby certify that _____ whose name is signed to the foregoing writing, has this day acknowledged the same before me in my said county.
- 5. Given under my hand this _____ day of _____.
- 6. Notary Seal
- 7. _____ (Notary Public)
- 8. My commission expires on the _____ day of _____.

Acknowledgement by Principal if Corporation

- 9. STATE OF VA
- 10. County of Botetourt to-wit:
- 11. I, RaLynda J. Dudley, a Notary Public in and for the
- 12. county and state aforesaid, do hereby certify that Carl N. Milko
- 13. who as, President signed the foregoing writing for
- 14. SUMMIT HELICOPTERS, INC. a corporation, has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
- 15. Given under my hand this 27th day of January 2010.
- 16. Notary Seal
- 17. RaLynda J. Dudley # 165472 (Notary Public)
- 18. My commission expires on the 31st day of May 2012.

Acknowledgement by Surety

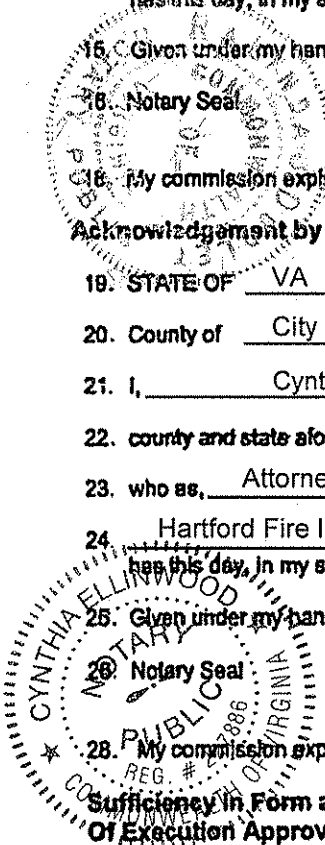
- 19. STATE OF VA
- 20. County of City of Roanoke to-wit:
- 21. I, Cynthia Ellinwood, a Notary Public in and for the
- 22. county and state aforesaid, do hereby certify that Elizabeth A. Dyer
- 23. who as, Attorney-In-Fact signed the foregoing writing for
- 24. Hartford Fire Insurance Company a corporation, has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
- 25. Given under my hand this 28th day of January, 2010.
- 26. Notary Seal
- 27. Cynthia Ellinwood (Notary Public)
- 28. My commission expires on the 31st day of October, 2013.

Sufficiency in Form and Manner Of Execution Approved

Attorney General

This _____ day of _____

By _____ (Assistant Attorney General)



POWER OF ATTORNEY

THE HARTFORD
HARTFORD PLAZA
HARTFORD, CONNECTICUT 06115

- | | |
|---|--|
| <input checked="" type="checkbox"/> Hartford Fire Insurance Company | Twin City Fire Insurance Company <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Hartford Casualty Insurance Company | Hartford Insurance Company of Illinois <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Hartford Accident and Indemnity Company | Hartford Insurance Company of the Midwest <input type="checkbox"/> |
| <input type="checkbox"/> Hartford Underwriters Insurance Company | Hartford Insurance Company of the Southeast <input type="checkbox"/> |

KNOW ALL PERSONS BY THESE PRESENTS THAT the *Hartford Fire Insurance Company, Hartford Accident and Indemnity Company and Hartford Underwriters Insurance Company*, corporations duly organized under the laws of the State of Connecticut; *Hartford Insurance Company of Illinois*, a corporation duly organized under the laws of the State of Illinois; *Hartford Casualty Insurance Company, Twin City Fire Insurance Company and Hartford Insurance Company of the Midwest*, corporations duly organized under the laws of the State of Indiana; and *Hartford Insurance Company of the Southeast*, a corporation duly organized under the laws of the State of Florida; having their home office in Hartford, Connecticut, (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint, *up to the amount of unlimited*:

Don Z. Filson, Wyatt H. Walton, Cynthia Ellinwood, Elizabeth A. Dyer
of
Roanoke, VA

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by , and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

In Witness Whereof, and as authorized by a Resolution of the Board of Directors of the Companies on September 12th, 2000, the Companies have caused these presents to be signed by its Assistant Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.



Paul A. Bergenholz

Paul A. Bergenholz, Assistant Secretary

John P. Hyland

John P. Hyland, Assistant Vice President

STATE OF CONNECTICUT }
COUNTY OF HARTFORD } ss. Hartford

On this 19th day of September, 2000, before me personally came John P. Hyland, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Assistant Vice President of the Companies, the corporations described in and which executed the above instrument; that he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that he signed his name thereto by like authority.



Jean H. Wozniak

Jean H. Wozniak
Notary Public
My Commission Expires June 30, 2004

I, the undersigned, Assistant Vice President of the Companies, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force effective as of *January 28, 2010*.

Signed and sealed at the City of Hartford.



Colleen Mastroianni

Colleen Mastroianni, Assistant Vice President

WEST VIRGINIA DEPARTMENT OF AGRICULTURE
1900 Kanawha Blvd., East
Pesticide Regulatory Programs
Charleston, WV 25305-0190

LICENSED PESTICIDE APPLICATION BUSINESS

Issued to:

License No: **0342**

Summit Helicopters, Inc.
P.O. Box 39
State Road 605
Cloverdale, VA 24077

Has met the requirements of the State Code of West Virginia, Chapter 19, Article 16A, Section 7, to engage in the business of applying pesticides.

Qualifying Individual: **Carl N. Milko**

Categories of Operation:

3 Forest Pest Control
7 Right-of-Way/Industrial Weed

6 Aquatic Pest Control
14 Aerial

Date Issued
12/16/09

Expiration Date
12/31/2010



Commissioner of Agriculture

A handwritten signature in cursive script, appearing to read "Lee P. Dargatzis".

No. 5377

WEST VIRGINIA DEPARTMENT OF AGRICULTURE
1900 Kanawha Blvd., East
Pesticide Regulatory Programs
Charleston, WV 25305-0190

LICENSED PESTICIDE APPLICATION BUSINESS

Issued to:

License No: **0342**

Summit Helicopters, Inc.
P.O. Box 39
State Road 605
Cloverdale, VA 24077

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6 Aquatic Pest Control
14 Aerial

Date Issued
12/16/09

Expiration Date
12/31/2010



Commissioner of Agriculture

A handwritten signature in cursive script, reading "Gene B. Doughton".

No. 5377

SUMMIT HELICOPTERS INC
BLACK FLY APPLICATION PILOTS

PILOTS	PILOTS LIC. NUMBER	LIMITATIONS	WV CHEM LIC. #	FLT HOURS AS PIC	YEARS EXPERIENCE WITH FORESTRY APP	PREVIOUS BLACK FLY APP EXPERIENCE	FAA MEDICAL	MED DATE
CARLTON JIM	1990855	GLASSES	C04365	13,500	35 YEARS	YES	CLASS II	12/1/2009
JEFF PARTAIN	2791325	NONE	C05421	1250	3 YEARS	YES	CLASS II	3/25/2009
SANFORD ART	2170687	GLASSES	C03767	10,500	13 YEARS	YES	CLASS II	11/20/2009
REED JOHN	3106071	GLASSES	C03803	7925	12 YEARS	YES	CLASS II	8/4/2009

CERTIFICATE OF INSURANCE

This is to certify to: West Virginia Department of Agriculture
 Plant Industries Division
 Whose address is: 1900 Kanawha Boulevard, East
 Charleston, WV 25305-0170

That: Summit Helicopters, Inc.
 Whose address is: PO Box 39
 Cloverdale, Virginia 24077

Is at this date insured with the Several Participating Companies of the United States Aircraft Insurance Group, for the Limits of Coverage stated below, at the following locations: the United States of America

Descriptive Schedule of Coverages

Kind of Insurance	Policy Number	Policy Term	Limits of Coverage		
			Each Person	Each Occurrence	Aggregate
AIRCRAFT LIABILITY (excluding chemical) Combined Liability Coverage for Bodily injury and Property Damage	SIHL1-374N	December 1, 2009 – December 1, 2010		\$ 1,000,000	
COMPREHENSIVE CHEMICAL LIABILITY COVERAGE Combined Liability Coverage for bodily injury (except to passengers) and property damage	SIHL1-374N	December 1, 2009 – December 1, 2010		\$ 500,000	\$ 500,000
AIRPORT LIABILITY (INCLUDING WAR RISKS) Combined Liability Coverage for bodily injury and property damage	SIHL1-374N	December 1, 2009 - December 1, 2010			Each Occurrence \$ 5,000,000
WORKERS COMPENSATION	WC1-A21-968045-039	December 1, 2009 – December 1, 2010	Each Accident \$1,000,000	Disease Policy Limit \$1,000,000	Disease Each Employee \$1,000,000

The "Who's covered" section of the policy, under "Your Liability Coverage", includes West Virginia Department of Agriculture, the State of West Virginia and the National Park Service/United States of America, but only for claims that the West Virginia Department of Agriculture/State of West Virginia and the National Park Service/United States of America may be held vicariously liable for resulting from Summit Helicopters Inc's ownership, maintenance or use of the aircraft for the West Virginia Department of Agriculture/State of West Virginia and the National Park Service/United States of America.


This certificate or verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term or condition of any contract or other document, with respect to which this certificate or verification of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all terms, exclusions and conditions of such policies.

The **Aviation Managers** of the USAIG (United States Aircraft Insurance Group) agree that in the event of cancellation of the policy(ies), they will endeavor to give the party to whom this certificate is issued **30** days advance notice of such cancellation, but the **Aviation Managers** shall not be liable in any way for failure to give such notice.

ADRIAN N BAKER/AHM FINANCIAL GROUP

Address: 11973 Westline Industrial Drive, Suite 200, St Louis, MO 63146
 Phone: (314) 594-2269 Facsimile: (314) 453-7555

Dated: December 2, 2009

BY: 
 Andrew Roman

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.

RFQ No. AGR1011

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 owed 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 exceeds 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.

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.

WITNESS THE FOLLOWING SIGNATURE

SUMMIT HELICOPTERS, INC.

Vendor's Name: _____

Authorized Signature: Carl D. Milko Date: January 26, 2010

State of Virginia

County of Botetourt, to-wit:

Taken, subscribed, and sworn to before me this 26th day of January, 2010.

My Commission expires May 31, 2012

AFFIX SEAL HERE

NOTARY PUBLIC

Patricia J. Dudley
#165472