



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

Pacific Cascade Region
Department of Natural Resources
P.O. Box 280
Castle Rock, WA 98611
Phone: 360-577-2025 Fax: 360-274-4196

INVITATION TO BID
Contract Number 1314

**2011 HELICOPTER APPLICATION OF HERBICIDES AS
SITE PREPARATION AND RELEASE TREATMENTS**

Return Bids to the address above by the date and time below:

BID NUMBER
1314

DUE DATE & TIME
July 15, 2011 2:00 P.M.

Direct contract questions to:
Chris Rasor
Contract Administrator
Phone: 360-880-8288
E-mail: chris.rasor@dnr.wa.gov

**SECTION I
NOTICE TO ALL BIDDERS**

Bids will be received at the Department's Pacific Cascade Region office. Mailing address:

Department of Natural Resources
P.O. Box 280
Castle Rock, Washington 98611

Bid Opening: Bids will be accepted at the Department's Pacific Cascade Region office until **2:00 P.M. on Friday July 15, 2011** at which time and place all bids will be opened and read aloud.

Examination of Units: You are invited to bid this work and are **strongly** advised to examine the project closely prior to bidding. Questions pertaining to unit(s) can be answered by contacting Department Representative Chris Rasor at 360.880.8288 (Cell) or 360.575.5058 (Office).

**SECTION 2
INSTRUCTIONS TO ALL BIDDERS**

Deliver of All Requested Forms: bid deposits, performance/damage deposits, certification of insurance, Contractor's Declaration of Industrial Insurance, and equipment and/or operator certifications when required to:

Chris Rasor, Intensive Management Forester
Department of Natural Resources
P.O. Box 280
Castle Rock, WA 98611

Bid must be received at the Department's Pacific Cascade Region office prior to Bid Opening (see Notice To All Bidders, SECTION II).

The Sealed Bid Envelope: should be prepared in the following manner:

Addressed to: Eric Wisch, Pacific Cascade Region Manager
Attn: Chris Rasor
PC Region Intensive Management Forester
Department of Natural Resources
P.O. Box 280
Castle Rock, WA 98611

Upper left corner: Bidder's Address

Lower left corner: Aerial Herbicide - "Sealed Bid"
Invitation to Bid/Contract No. 1314

Request for Bid 1314

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative Chris Rasor of the Pacific Cascade Region office by calling 360.880.8288 (Cell) or 360.575.5058 (Office).

Section II - SPECIAL NOTICES:

Special Notice Regarding Contract Requirements:

Term of Contract:

1. Site Preparation Units:

Herbicide mixes 1-4, 9: July 18, 2011 to September 2, 2011

2. Release Units:

Herbicide mix 7: July 18, 2011 to September 2, 2011

Herbicide mixes 6, 8: September 7, 2011 to September 30, 2011

- 3. Timing Restrictions:** No application is allowed on weekends (Saturday, Sunday) in the units marked with an * astericks in the “No Weekend Work” column in the unit description. In addition, Ascend U2 can only be treated on Tuesdays, Wednesdays or Thursdays. The above timing restrictions affect the following geographic areas: Capitol forest (all units in this area will be week-day only work), Larch Block (2 units- Remington Steel U2, U3).
4. Contract Administrator may modify order and start time of release units if crop trees are susceptible to herbicide injury.
5. Contractors are no longer required to be present at bid opening to be eligible for contract award at Pacific Cascade Region.
6. **No** generic herbicide substitutions are allowed on item 9. Allowable generic substitutes are listed in clause F.1.h.1.
7. Preview maps detailing treatment units and helispots may be picked up at the Pacific Cascade Region Office in Castle Rock prior to bidding.
8. Questions pertaining to this Invitation to Bid can be answered by contacting Chris Rasor at (Office) 360.575.5058 or (Cell) 360.880.8288 or Chris.Rasor@dnr.wa.gov. Oral explanations, interpretation, or instructions given before the award will not be binding. The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all known bidders at least seven (7) days prior to bid opening.

Hospitals: It is the contractor's responsibility to identify appropriate hospitals for any emergency care required. The following is a courtesy list and should be verified by any potential contractor.

Pacific Cascade Region Hospital List						
HOSPITAL NAME	ADDRESS	CITY	ZIP	PHONE	LATITUDE	LONGTITUDE
Morton General Hospital	521 Adams St	Morton	98356	360-496-5112	46.556	-122.28
Ocean Beach Hospital	First & Fir	Ilwaco	98624	360-642-3181	46.311	-124.043
Willapa Harbor Hospital	800 Alder St	South Bend	98586	360-875-5526	46.664	-123.812
PeaceHealth Saint John Medical Center	1615 Delaware	Longview	98632	360-414-2000	46.131	-122.942
PeaceHealth Saint John Medical Center	600 Broadway	Longview	98632	360-414-2223	46.136	-122.924
Southwest Washington Medical Center	400 NE Mother Joseph Place	Vancouver	98668	360-256-2000	45.625	-122.581
Mark Reed Memorial Hospital	322 Birch St S	McCleary	98557	360-495-3244	47.056	-123.261
Providence Centralia Hospital	914 South Scheuber Road	Centralia	98531	360-736-2803	46.712	-122.988
Capital Medical Center	3900 Capital Mall Dr SW	Olympia	98502	360-754-5858	47.043	-122.952
Southwest Washington Medical Center	3400 Main St	Vancouver	98663	360-256-2000	45.645	-122.669
Providence Saint Peter Hospital	413 Lilly Rd NE	Olympia	98506	360-491-9480	47.053	-122.848
Legacy Salmon Creek	2211 NE 139th St	Vancouver	98686	360-487-1000	45.722	-122.65

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1 ANNOUNCEMENT AND SPECIAL INFORMATION

Bidders are required to read and understand all information contained within this entire bid package. The Competitive Procurement Standards, which are referred to in this bid package are not automatically printed or sent out with this Request for Bid. By responding to this Request for Bid the Bidder agrees to read and understand these documents. These documents are available online at: <http://www.ga.wa.gov/Business/cps.htm>

In support of the State's economic and environmental goals, we encourage you to consider the following elements in responding to our bids. These are not a factor of award (unless otherwise specified in this document):

- Using environmentally preferable products and products that exceed EPA guidelines.
- Supporting a diverse supplier pool, including small, minority, and women-owned firms.
- Featuring products made or grown in Washington.

1.1 PUBLIC DISCLOSURE

Bid information, including Price sheet, will not be available for public disclosure until after award of the contract. At the time of bid opening, only the name of the Bidder and time of bid receipt will be read aloud.

1.2 SCOPE

A. PURPOSE

The purpose of this Request for Bid is for the purchase of helicopter application of herbicide as site preparation treatment to approximately 7,131 acres as site preparation treatments and 1,205 acres as release treatments in Pacific Cascade Region. The treatment window for site preparation treatments is July 18, 2011 to September 2, 2011 and September 7, 2011 to September 30, 2011 for release treatments. Treatment timing for release units may be adjusted by the Contract Manager as needed to minimize damage to crop trees.

B. PURCHASER

The primary purchaser will be the Washington State Department of Natural Resources (WADNR).

C. DELIVERY

Delivery is of the essence and may be a factor in award. Bidder must be ready to begin application and have the herbicide in their possession and ready for use at least seven (7) calendar days before the effective start date stated in the scope (See 1.2.A).

D. BID EVALUATION

Bid evaluation and award criteria can be found in the section entitled Bid Evaluation. The DNR anticipates it will take seven (7) calendar days after the bid opening date to make an award (assuming an award is made). In the event an award decision takes longer than the anticipated seven (7) calendar days the project time frames will be adjusted day-for-day.

2 CHECK LIST

This checklist is provided for Bidder's convenience only and identifies the bid documents that are to be submitted with the bid package. Any bid packages received without these documents may be rejected:

- Bid Submittal entitled: Offer and Award - Signed (5.1) _____
- Bid Submittal entitled: Bidder Information - Initialed (5.2) _____
- Bid Submittal entitled: Specifications - Initialed (5.3) _____
- Bid Submittal entitled: Unit Description - Initialed (5.4) _____
- Bid Submittal entitled: Required Herbicides and Misc. Notes - Initialed (5.5) _____
- Bid Submittal entitled: Price Sheet - Initialed (5.6) _____
- Bid Submittal entitled: References - Initialed (5.7) _____

Bid submittals to be returned after award:

The following document need not be returned with bid submission; however, Contractor will be required to submit such documents at a later date as required by the Contract Administrator.

1. Certificate of Insurance with typed reference of contract 1314 – **see example certificate attached on page 40, 41 of the contract.**
2. Letter of certification of the aircraft(s) registration with the Department of Licensing.
3. Aircraft calibration test illustrating the Gallon per Acre Rate and speeds for the aircraft/spray equipment to be used in this contract.
3. Any other documents required herein.

3 BID EVALUATION

3.1 EVALUATION / AWARD

Should this Request for Bid result in an award then: In conjunction with the Competitive Procurement Standards, Section III, Paragraph 28, Award Factors, Request for Bid evaluation and possible resulting award shall be to the least expensive responsible and responsive Bidder. Evaluation and award shall be on an all-or-none basis to assure compatibility and/or efficiency in the award. Evaluation of pricing will be based on the chemical rate per acre plus the application rate per acre to arrive at a total rate per acre. The total rate per acre will be multiplied by the approximate acres for an item extended line total. Each individual extended line item total will be added together to arrive at an all-or-none total. Only one award will be made. Washington State sales tax, or use tax (if required) shall be excluded from all submitted bids. Contractors may invoice the DNR for reimbursement of sales tax, or use tax (See 5.3.E.2).

3.2 EVALUATION CONFERENCE

To aid in the evaluation process, after bid opening, the DNR may require individual Bidders to appear at a date, time, and place determined by the DNR for the purpose of conducting discussions to determine whether Bidders have a full and complete understanding of the nature and scope of contractual requirements, including the resources necessary to successfully fulfill all contractual requirements within the allotted time frame stated in the scope (See 1.2.A). In no manner shall such action be construed as negotiations or an indication of the DNR's intention to award.

4 SPECIAL TERMS AND CONDITIONS

4.1 SPILL CLEAN-UP

The supplier shall be responsible for spillage caused by their negligence, which occurs during transit or unloading operations. The supplier shall immediately report and clean up any spillage. Upon failure to do so, the supplier shall remain responsible for all actual related costs.

4.2 MATERIALS AND WORKMANSHIP

The Bidder shall be required to furnish all materials, equipment and/or services necessary to perform contractual requirements. Materials and workmanship in the construction of equipment for this contract shall conform to all codes, regulations and requirements for such equipment, specifications contained herein, and the normal uses for which intended. Materials shall be manufactured in accordance with the best commercial practices and standards for this type of equipment.

4.3 ESTABLISHED BUSINESS

To be considered responsive, Bidder must, prior to commencing performance, or prior to that time if required by law or regulation (reference WAC Chapter 18.27), be an established business firm with all required licenses, bonding, facilities, equipment and trained personnel necessary to perform the work as specified in the bid solicitation. All Bidders must have Federal Tax Identifier Number as required by IRS regulations and Uniform Business Identifier Number required by Department of Revenue (800) 647-7706. Questions regarding specific licenses should be directed to Department of Licensing at (360) 664-1400. The state reserves the right to require proof of said requirements including business references within ten (10) calendar days from the date of request.

4.4 BIDDER COMPLIANCE

The DNR reserves the right to consider the actual level of Bidder's compliance with the requirements specified in this Request for Bid, and to consider a bid responsive if it substantially complies with the DNR's intent relative to overall bid requirements and specifications.

4.5 QUESTIONS AND INQUIRIES

This Request for Bid is time sensitive and does not involve a pre-bid meeting. It is to your benefit to immediately review the document and ask questions (if any) as soon as possible. All questions related to this Request for Bid shall be directed to the Contract Administrator identified on the front page. Inquiries shall be in writing and shall reference the appropriate section and paragraph number. Questions received less than ten (10) calendar days prior to bid opening may not be considered. Only questions answered by written amendment are binding. Oral interpretations have no legal effect. Unofficial communication streams are not binding and at your own risk.

5 BID SUBMITTALS

5.1 OFFER AND AWARD

Bidders are required to read and understand all information contained within this entire bid package. There are some standard documents, which are referred to in this bid package that are not automatically printed or sent out with this bid. For example, Competitive Procurement Standards (Standard Terms and Conditions, Instructions to Bidders, Definitions), Sales/Service and Subcontractor Report are binding terms of this contract. It is important that you read and understand these documents. These documents are available online at:

<http://www.ga.wa.gov/Business/cps.htm>

**STANDARD DEFINITIONS
STANDARD INSTRUCTIONS FOR BIDDERS
STANDARD TERMS AND CONDITIONS**

Bidder further offers to furnish materials, equipment or services in compliance with all terms, conditions, and specifications herein including all amendments. Submitting this document with an authorized signature constitutes complete understanding and compliance with the terms and conditions and certifies that all-necessary facilities or personnel are available and established at the time of bid submittal.

(Company Name)	(Typed or Printed Name)
(Address)	(Title)
(City) (State) (Zip)	(Phone No.)
(Federal Tax Identification Number)	FAX
Email	(Bidder's Signature) (Date)

AWARD- Authorized Signatures
(For State of Washington Use Only)

A contract is hereby awarded between the above company and the State of Washington, Department of Natural Resources, to be effective _____, 2011.

Contract Administrator	Date	Region Manager	Date
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5.2 BIDDER INFORMATION

Bidder shall complete the following:

1. Authorized Representative(s):

Primary Contact:		Secondary Contact:	
Name:	_____	Name:	_____
Address:	_____ _____	Address:	_____ _____
Telephone:	_____	Telephone:	_____
Fax:	_____	Fax:	_____
Email:	_____	Email:	_____

2. Bidder Address(s):

Billing will be from:		Payment to be sent to:	
Name:	_____	Name:	_____
Address:	_____ _____	Address:	_____ _____
Telephone:	_____	Telephone:	_____
Fax:	_____	Fax:	_____
Email:	_____	Email:	_____

5.3 SPECIFICATIONS

A. DEFINITIONS

DNR: The Washington State Department of Natural Resources

CONTRACTOR: The person, partnership or corporation to whom the contract is awarded.

CONTRACT ADMINISTRATOR: The DNR employee who is primarily responsible for all aspects of contract administration.

OFFICIAL COMMUNICATION STREAM: Any request, question, inquiry, communication, etc. prior to an actual award will be routed through the Contract Administrator. The Bidder shall operate at their own risk if they rely on any additional information, assertions, promises, implications, etc. made to the Bidder by anyone else other than the Contract Administrator. After the actual award is made (if at all) the official communication point shall be the Contract Administrator unless a contract provision specifically designates a different point of contact. In the event of problems/disputes the successful Bidder shall contact the Contract Administrator within a short and reasonable time. This definition shall also act as a contract provision and applies to all parts of the Request for Bid.

B. LEGAL RESPONSIBILITIES

1. The Contractor shall assume full responsibility for the safety of his employees, equipment and supplies.
2. The Contractor shall furnish his crew with adequate safety clothing, according to General Safety and Health Standards WAC 296-800-160, including boots, coveralls, hats and gloves for handling the type of chemical being applied.

C. PILOT AND AIRCRAFT REQUIREMENTS

1. All pilots shall be registered with the Washington State Department of Transportation, Division of Aeronautics (**this is no longer required as of July 2005 due to the passing of Senate Bill 5414**)
2. All aircraft shall be registered with the Department of Licensing and the Department of Agriculture.
3. Before commencing work, the Contractor shall supply to the Contract Administrator a letter of certification of the aircraft(s) registration with the Department of Licensing.
4. Pilot(s) and aircraft(s) shall be available for inspection and/or flight check by the Division of Aeronautics and/or the DNR prior to and at any time during the current agreement period.
5. The Contractor shall furnish the necessary pilot(s) and mechanics to provide the services to be rendered herein without unjustified delay. The Contractor shall maintain necessary pilot(s), ground support crew(s) and equipment with each aircraft during the periods called for under this contract, and they shall be familiar with the terrain within the assigned treatment zone and

generally familiar with the terrain and requirements for flight operations in the State of Washington. Pilot(s) shall be capable of cross-country navigation within the State.

D. FLIGHT DUTY LIMITATIONS

Aircraft pilots will be limited to the following tours of duty and flight hours:

1. Flight time shall not exceed a total of seven (7) hours per day.
2. Pilots accumulating thirty (30) or more hours of flying in any six (6) consecutive days will be off duty the following full calendar day.
3. A duty day is any day a flight is made, or four (4) hours or more of other duty is performed. Pilots must have a minimum of ten (10) consecutive hours off duty within twenty-four (24) hours after the beginning of any duty day.

The DNR may waive the "consecutive" requirement so that pilots flying such missions as aerial application may have two (2) shorter off duty periods, providing they aggregate to ten (10) hours or more.

5. Duty includes flight time and ground duty of any kind.
6. During any fourteen (14) consecutive days, pilots will be off duty for two (2) full calendar days; however, off-duty days need not be consecutive.
7. Combined fixed wing/helicopter operations shall have the same limitations as for helicopter operations.
8. Flight time is not entirely reliable as a gauge of accumulative pilot fatigue. Sound judgment is essential in administering aerial operations to provide maximum safety.
9. Pilots shall have experience as pilot in command during flight at low altitude over rough and mountainous terrain. They shall have the following minimum qualifications for type of aircraft used in this contract.

<u>EXPERIENCE</u>	<u>HELICOPTER FLIGHT HOURS</u>
a. Total flight time as pilot in command.	1,000
b. Minimum flight time in type or weight class used in the contract.	100
c. Minimum flight time during the preceding 12 months.	100
d. Minimum flight time disseminating aerial spray in mountainous terrain.	200

E. PAYMENT AND INVOICING

1. All invoices shall separately itemize the price of the helicopter application and the price of the chemical, at prices specified on the Price Sheet for each Bid Item (See 5.6). If chemical is a tank mix of more than one chemical, the total price for the combined chemical shall be listed for each Bid Item.
2. Washington State sales tax or “use tax” (if applicable) is only owed to the Washington Department of Revenue on the chemical and not on the helicopter application of the chemical. Contractors may include Washington State sales tax for the applied chemical on invoices. Sales tax shall be included as a separate payment item, listed separately for each Bid Item.
3. Billing invoice forms will be signed by the Contractor and the Contract Administrator upon completion of the units treated. Payment will be based on each Bid Item’s unit prices multiplied by the number of acres actually treated.

F. EQUIPMENT, SUPPLIES AND APPLICATION REQUIREMENTS

All contract work shall be consistent with herbicide labeling and the Forest Practices Application/Notification as approved. If determined by the DNR’s representative that an individual requirement of this section cannot be applied consistent with current herbicide labeling and/or Forest Practices, the herbicide label and/or the Forest Practices Application/Notification shall prevail.

1. Equipment and Supplies
 - a. The Contractor shall furnish all flying, spraying and mix-truck equipment. Helicopters shall be equipped with a spray system capable of applying herbicide at rates specified. Spray apparatus shall be readily adjustable in the field and have a leak proof distribution system with positive shutoff.
 - b. **Two helicopters shall be used simultaneously for site preparation treatments from July 18th, 2011 to September 2, 2011 or completion of site preparation units whichever is sooner. One helicopter may be utilized for the release treatment portion of the contract as long as work is completed within the contract timeline.** Both helicopters shall be of the Bell 206 class or smaller and capable of carrying at least eighty (80) gallons of mix at all elevations.
 - c. **The only nozzle allowed for this contract is Accu-Flo™ .028, 64 tube radial nozzle.**
 - d. To help reduce drift, nozzles shall be oriented down at either a 45-degree angle or horizontal to the air stream.
 - e. The helicopters shall be equipped with a Global Positioning System (GPS) device to track/mark each flight strip and buffer area(s). The GPS device must have the capability import to export files at suitable map scale(s) for print-out and review by project

administrator, if so requested. Flight data shape files and/or a print-out of flight lines shall be made available to the Contract Administrator within twenty-four (24) hours of completion of a unit, when requested. **Prior to work being allowed to begin, the Contract Administrator will provide an electronic copy of the shapefiles delineating the treatment areas for the contract as well as the helispot point locations to the contractor. The contractor shall upload into each helicopter used for work on the contract the shapefiles and helispots prior to beginning work on the project.**

- f. The Contractor shall furnish a mix-truck of 2,000 gallons minimum capacity with each helicopter. During the dormant season the Contractor shall have an additional 2,000 gallons hauling capability when requested. The mix-trucks shall:
 - 1. Have positive, continuous agitation system(s).
 - 2. Be equipped so the chemical can be transferred from barrel to mix-truck in measured quantities using a metered pump. Bucket transferring of chemical will not be permitted.
 - 3. Be equipped to effectively batch single-flight loads of chemical: This requires a mixing tank of 500 gallons or less, with positive, continuous agitation capability.
- g. If requested, a description of the helicopters and mix-trucks to be used for contract work shall be furnished to the Contract Administrator prior to contract award.
- h. The Contractor shall furnish and transport all herbicide, carrier and additives required for treatment as specified in the Unit Description.
 - 1. Generic herbicides containing identical active ingredient percentages to those specified in the Unit Description may be substituted for brand-name herbicides as follows:

<u>Brand Name Herbicide:</u>	<u>Approved Substitute(s):</u>
Accord Concentrate/Rodeo EPA # 62719-324	Foresters EPA # 228-381 Glyphosate 5.4 EPA# 81927-8 Accord XRT II EPA#62719-556
Accord XRT II EPA#62719-556	No Approved Substitutes (must be used on item 9 for solution compatibility)
Chopper EPA # 241-296	Polaris SP EPA# 228-536 Rotary 2SL EPA# 81927-6
Oust XP EPA # 352-601	Spyder EPA# 228-408 SFM 75 EPA# 81927-26 Sulfomet EPA# 352-401-85588
Oust Extra EPA # 352-622	SFM Extra EPA# 81927-5 Sulfomet Extra EPA#352-622-85588
Escort XP EPA # 352-439	MSM E-PRO 60EG EPA #8159-14 MSM 60 DF EPA #74477-2
Arsenal AC EPA # 241-299	Polaris AC EPA # 228-480 Imazapyr 4 SL EPA # 74477-5
Milestone VM Plus	No Approved Substitutes

<u>EPA # 62719-572</u>	<u>(item 9)</u>
<u>Transline</u>	<u>Clopyralid 3 EPA #81927-1</u>
<u>EPA# 62719-259</u>	<u>Clean Slate EPA #228-491</u>
<u>Forestry Garlon XRT</u>	<u>No Approved Substitutes</u>
<u>EPA #62719-553</u>	
<u>Syl-Tac</u>	<u>Dyne-amic or Phase</u>
<u>SuperSpread MSO</u>	<u>Premium MSO</u>
<u>Sylgard 309</u>	<u>Kinetic or Slither</u>
<u>CLIMB adjuvant</u>	<u>No Approved Substitutes (item 9)</u>

Drift control agents, while product amounts are not directly quantified in the Unit Description, may be required up to the acreage listed per unit within the Unit Description, and shall be supplied by the Contractor.

2. All costs of materials, operation and maintenance not specifically furnished by the DNR, under part G1 below, shall be borne by the Contractor.
3. The Contractor will be responsible for all containment, neutralization, clean-up, disposal, associated costs, and other measures as may be required to respond to a fuel, chemical or pesticide spills.
4. Application
 - a. Prior to treatment the Contractor will determine flight patterns for disseminating the spray mix such that the maximum treatable area of the unit is treated with the prescribed application rate. The flight patterns must be acceptable to the DNR.
 - a. b. Application of spray shall not be made into streams containing water, lakes or ponds. Buffer strips adjacent to streams, lakes and ponds, as designated by the Contract Administrator and illustrated on the unit maps, shall be left unsprayed. A drift control additive may be required to help establish the unsprayed buffer. On the ground marking of buffer areas: water buffers will be marked with blue paint stripes and/or 12 inch wide blue panel ribbons. All buffers illustrated on pilot maps as pink ribbon will be 12 inch wide pink panel ribbons and/or orange paint stripes.
 - c. Weather Guidelines for applications are as follows:
 1. Temperature:

Esters - 70° F maximum Others - 85° F maximum.
 2. Humidity:

Esters - 50% minimum Others - 40% minimum.
 3. Moisture:

Plants can have dew on leaf surfaces. Wait one hour after rainfall terminates to allow some drying of leaf surfaces.

4. Wind:

5 miles per hour (m.p.h.) maximum or as specified by the herbicide label.

- d. The DNR reserves the right to determine if weather conditions are suitable for spraying operations. The Contractor shall cease spraying if the DNR determines weather conditions are unsuitable.
1. Timing Restrictions: No application is allowed on weekends (Saturday, Sunday) in the units marked with an * astericks in the “No Weekend Work” column in the unit description. In addition, Ascend U2 can only be treated on Tuesdays, Wednesdays or Thursdays. The above timing restrictions include all units within Capitol Forest and two units (Remington Steele U2, U3) in the Larch Block.
 - e. Spraying will be performed at a height of approximately twenty-five (25) feet above tree tops and at a constant speed of not less than thirty-five (35) miles per hour, nor more than fifty-five (55) miles per hour.
 - f. The application rate of spray mix shall be ten (10) gallons of total solution evenly distributed per acre. The total solution applied per acre shall include herbicide and carrier as specified in the Unit Description.
5. On site, single-flight load batching shall be the method of preparing herbicide mixes for all units. This method of batching may be modified by the Contract Administrator if mutually agreed to at a pre-work conference. The Contractor must have the ability to effectively batch single-flight loads of chemical (See 5.3.F.1.f.3).

G. WORK RESPONSIBILITIES AND SCHEDULING

- 1. The DNR shall furnish or supply:
 - b. Maps, aerial photos and other data necessary for orientation of each pilot. Shapefiles of treatment boundaries will be supplied for uploading into the helicopter navigation system prior to beginning operations. On the ground marking of buffer areas: water buffers will be marked with blue paint stripes and/or 12 inch wide blue panel ribbons. All buffers illustrated on pilot maps as pink ribbon will be 12 inch wide pink panel ribbons and/or orange paint stripes.
 - b. A representative to acquaint each pilot with each unit to be sprayed delineating boundaries of units and buffer strips adjacent to streams and open water to be left unsprayed.
 - c. Licensed personnel to supervise the measuring of correct chemical concentrations.

- d. Suitable heliports and access roads. Heliports and roads shall be inspected by the Department of Natural Resources between one (1) month and one (1) week prior to contractor arrival. All heliport and road maintenance shall be completed at this time.
 - e. Delivery assistance for additional water, when available and practicable, to maximize the application operation during favorable flying weather.
- 2. Bidders are expected to examine this entire Request for Bid and to consider the scattered and intermittent conditions of the work.
 - 3. A separate per acre bid for each Bid Item, as designated in the Unit Description and on the Price Sheet, is required.
 - 4. To be acceptable the work schedule must occur within a Bid Item's treatment window. The anticipated treatment window(s) are listed separately for each Bid Item in the Unit Description. The DNR will determine the actual treatment window by assessing the current physiological condition of the plant species to be treated and considering the effect of time and the projected weather trend on it. The department will reset or confirm a treatment window at least one week in advance of the anticipated treatment window's start date.

H. DELAY DUE TO FORCE MAJEURE

Due to the nature of the work involved in this contract, any delay incurred due to Force Majeure may not, at the option of the DNR, be compensated for by a contract extension. The DNR must retain the right to determine if the season or growth conditions permit or exclude any extension of the contract. This determination of the feasibility of a contract extension shall remain the sole prerogative of the DNR and the Contractor must plan to accomplish all work under this contract within the time stated. The Contractor in planning and scheduling the work must include time lost due to weather conditions. Weather conditions during the contract period are variable and will exclude the application of herbicides for an unknown number of days.

I. EXEMPTIONS

In the event requirements of the State Environmental Protection Act as amended, or the Forest Practices Act as amended cannot be satisfied, the DNR reserves the right to cancel any and all of this contract and shall not be held liable for expenses or inconveniences suffered by the Contractor.

J. SALES TAX

Washington State sales tax, or use tax (if required) shall be excluded from all submitted bids. Contractors may invoice the DNR for reimbursement of sales tax, or use tax (See 5.3.E.2).

K. SKIPS

Including but not limited to any other claim/theory of contract breach/contract damages, a "skip" is defined as an unsatisfactorily treated acreage. The value of a skip shall be calculated at the per acre bid price for that Bid Item multiplied by the number of unsatisfactorily treated acre

5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Cowlitz	South		Appaloosa U1	14	7	1	E	1000-1400	Y201118 : 46.08327 - 122.64484	0.7			Item 1	52	10	
Cowlitz	South		Appaloosa U2	14	7	1	E	1100-1300	Y201118 : 46.08327 - 122.64484	1.0			Item 1	7	7	
Cowlitz	South		Appaloosa U3	12	7	1	E	1000-1400	Y201118 : 46.08327 - 122.64484	1.0			Item 1	5	5	
Clark	South		Berry Patch U3	36	4	3	E	1300-1500	Y201103 : 45.78158333 - 122.3686389	0.3			Item 1	46	10	
Lewis	North		Big Jake U1	22	11	2	E	1700-2200	N201137 : 46.42073 - 122.53626	0.0			Item 1	78	20	
Lewis	North		Big Jake U2	22	11	2	E	1500-1900	N201137 : 46.42073 - 122.53626	0.2	N201135 : 46.42827 - 122.51265	1.5	Item 1	45	10	
Clark	South		Biggin U1	17	3	4	E	1100-1600	Y201104 : 45.7517274366547 - 122.351403015149	0.2			Item 1	92	20	
Clark	South		Biggin U3	31	4	4	E	1400-1800	Y201103 : 45.78158333 - 122.3686389	0.0			Item 1	84	20	
Cowlitz	South		Buckhorn U3	9	9	3	E	2600-3000	Y201120 : 46.2688 - 122.4388	0.0			Item 1	73	10	
Lewis	North		Bull Sprig U1	32	15	5	W	1300-1800	N201134 : 46.7478432559973 - 123.29936052546	1.4			Item 2	22	10	
Lewis	North		Bull Sprig U2	33	15	5	W	900-1400	N201134 : 46.7478432559973 - 123.29936052546	0.8			Item 2	66	20	
Lewis	North		Bull Sprig U3	34	15	5	W	500-1100	N201134 : 46.7478432559973 - 123.29936052546	0.0			Item 2	46	10	
Clark	South		Copper U1	26	4	4	E	1200-1600	Y201105 : 45.79244444 - 122.2688056	0.0			Item 1	88	20	
Clark	South		Copper U2	1	3	4	E	1700-2300	Y200908 : 45.77619444 - 122.2621667	0.0			Item 1	45	10	
Lewis	North		Deep Blue U1	18	15	4	W	300 - 700	N201119 : 46.78638889 - 123.2369444	0.3			Item 1	36	10	
Lewis	North		Dodgeball U1	12	13	6	W	700-800	N201142 : 46.62318 - 123.37492	0.0			Item 1	51	10	

Bidder's Company Name: _____ Bidder's Initials _____

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Control Acres	Special Requirements & Comments
Wahkiakum	Coast		Jibber Jabber U3	36	9	5	W	900-1100	C20119 : 46.22279983 - 123.2585398	0.0			Item 1	60	10	
Clark	South		Lacamas Creek U1	32	3	4	E	1300-1900	Y201111 : 45.70463889 - 122.3406111	0.0			Item 1	79	20	
Clark	South		Lacamas Creek U2	32	3	4	E	1500-1800	Y201111 : 45.70463889 - 122.3406111	0.4			Item 1	67	10	
Lewis	North		Lous Lounge U2 Sorts	1	14	5	W	400-600	N201129 : 46.72497 - 123.26724	0.0			Item 1	73	20	
Lewis	North		Lous Lounge U3 Sorts	2	14	5	W	400-600	N201129 : 46.72497 - 123.26724	0.3			Item 1	18	10	
Clark	South		Lunar Gauge U2	6	3	4	E	1000-1500	Y201103 : 45.78158333 - 122.3686389	0.7	Y201110 : 45.75991667 - 122.3768056	1.0	Item 1	74	10	
Clark	South		Paprika U1	16	2	4	E	800-1000	Y201116 : 45.6525 - 122.3161111	0.7			Item 1	19	10	
Clark	South		Paprika U2	16	2	4	E	800-1100	Y201116 : 45.6525 - 122.3161111	0.2			Item 1	72	10	
Clark	South		Paprika U3	16	2	4	E	1100-1200	Y201116 : 45.6525 - 122.3161111	0.0			Item 1	9	9	
Clark	South		Paprika U4	16	2	4	E	700-1000	Y201116 : 45.6525 - 122.3161111	0.6			Item 1	16	10	
Clark	South		Paprika U5	23	2	4	E	1000-1200	Y201107 : 45.64683333 - 122.2874167	0.0			Item 1	29	10	
Clark	South		Paprika U6	14	2	4	E	900-1200	Y201107 : 45.64683333 - 122.2874167	0.2			Item 1	30	10	
Cowlitz	South		Rambo	8	6	2	E	1700 - 2700	Y201115 : 46.01586111 - 122.5869167	0.0			Item 1	64	10	
Clark	South	*	Remington Steele U2	11	2	4	E	1000 - 1600	Y201119 : 45.66639 - 122.28340	0.0			Item 1	76	10	No Weekend Spraying - Jones Creek Trail Runs Through Unit
Clark	South	*	Remington Steele U3	11	2	4	E	1100 - 1800	Y201119 : 45.66639 - 122.28340	0.5			Item 1	97	20	No Weekend Spraying - Jones Creek Trail Runs Through Unit
Cowlitz	South		Ridge Top U1	18	9	3	E	2300-2900	Y201114 : 46.26838889 - 122.4758889	0.3			Item 1	47	10	
Cowlitz	South		Ridge Top U2	18	9	3	E	2900-3200	Y201114 : 46.26838889 - 122.4758889	0.0			Item 1	92	20	
Pacific	Coast		Russian	32	13	6	W	900-1200	C201117 : 46.576 - 123.458	0.0			Item 1	70	0	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Clark	South		Sea of Gold U8	28	3	4	E	1700-1900	Y201121 : 45.73095 - 122.32489	0.7			Item 1	21	10	
Clark	South		Sea of Gold U9	21	3	4	E	1700-1900	Y201121 : 45.73095 - 122.32489	0.5			Item 1	19	10	
Lewis	North		Showtime U1	17	11	3	E	1600-1800	N201146 : 46.4398711553257 - 122.46969084883	0.0			Item 1	67	20	
Grays Harbor	North	*	Staying Alive SortU1	27	16	4	W	1000-1300	N20114 : 46.853611 - 123.1952778	0.9	N201123 : 46.86333333 - 123.1733333	0.9	Item 1	52	10	
Grays Harbor	North	*	Staying Alive SortU3	21	16	4	W	900-1200	N20114 : 46.853611 - 123.1952778	0.4	N201123 : 46.86333333 - 123.1733333	1.0	Item 1	28	10	
Grays Harbor	North	*	Adventure U1	16	16	4	W	800-1200	N20114 : 46.853611 - 123.1952778	1.0	N201123 : 46.86333333 - 123.1733333	0.9	Item 2	57	10	
Cowlitz	Coast		Agren U2	6	10	2	W	1000-1300	C201114 : 46.37351 - 122.97803	0.4	C201116 : 46.38107 - 122.97788	0.5	Item 2	59	10	
Thurston	North	*	Ascend U1	14	17	4	W	1300-2000	N201117 : 46.96747 - 123.13796	0.7	N201118 : 46.95597 - 123.17845	1.2	Item 2	70	20	
Pacific	Coast		Boekelman Ridge U-2	29	13	7	W	300-600	C20114 : 46.57985 - 123.5856798	0.0			Item 2	41	10	
Thurston	North		Danzig U1	34	16	1	W	500-700	N201120 : 46.83274 - 122.78551	0.0			Item 2	93	20	
Wahkiakum	Coast		Dark Roast U1	31	9	4	W	300-800	C20118 : 46.21605 - 123.2228	0.2			Item 2	37	10	
Wahkiakum	Coast		Dark Roast U3	31	9	4	W	400-700	C20118 : 46.21605 - 123.2228	0.3			Item 2	14	10	
Wahkiakum	Coast		Dark Roast U4	32	9	4	W	500-800	C20118 : 46.21605 - 123.2228	0.7			Item 2	46	10	
Grays Harbor	North	*	Deep Duff U4	13	17	5	W	800-1400	N20116 : 46.97372 - 123.22831	0.8			Item 2	93	20	
Lewis	North		Dr. Peaches Sorts U1	16	13	5	W	800-1000	N201133 : 46.61193 - 123.32232	0.4			Item 2	10	10	
Lewis	North		Dr. Peaches Sorts U2	16	13	5	W	800-1000	N201133 : 46.61193 - 123.32232	0.2			Item 2	21	10	
Lewis	North		Dr. Peaches Sorts U3	16	13	5	W	900-1100	N201133 : 46.61193 - 123.32232	0.3			Item 2	5	10	
Thurston	North	*	Endurance U1	7	16	3	W	400-800	N201113 : 46.87828 - 123.12010	1.0			Item 2	45	10	
Thurston	North	*	Endurance U2	7	16	3	W	500-800	N201113 : 46.87828 - 123.12010	0.8			Item 2	41	10	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Thurston	North	*	Endurance U3	7	16	3	W	500-600	N201113 : 46.87828 - 123.12010	0.7			Item 2	7	10	
Grays Harbor	North		Fifty-Fifty U6	33	16	5	W	400-700	N201110 : 46.83541 - 123.33840	0.6			Item 2	16	10	
Grays Harbor	North	*	Ghouda U1	15	17	4	W	1000-1900	N201117 : 46.96747 - 123.13796	1.9	N201118 : 46.95597 - 123.17845	0.0	Item 2	79	20	
Thurston	North	*	Hope Well U1 A	29	17	3	W	800-1100	N201116 : 46.94294 - 123.09399	0.8	N201114 : 46.91017 - 123.10334	1.5	Item 2	71	20	
Thurston	North	*	Hope Well U1 B	29	17	3	W	900-1000	N201116 : 46.94294 - 123.09399	0.8	N201114 : 46.91017 - 123.10334	1.8	Item 2	13	10	
Thurston	North	*	Hope Well U2	31	17	3	W	600-1100	N201116 : 46.94294 - 123.09399	1.6	N201114 : 46.91017 - 123.10334	0.8	Item 2	41	10	
Clark	South		Hot Tub U1	25	3	4	E	1500-2200	Y201123 : 45.70932 - 122.26282	0.0			Item 2	73	10	
Skamania	South		Hot Tub U3	31	3	5	E	1400-2000	Y201123 : 45.70932 - 122.26282	1.4			Item 2	70	10	
Lewis	North		Jive Sorts	16	14	3	W	400-700	N201126 : 46.70382 - 123.05756	0.0			Item 2	37	10	
Cowlitz	South		Johnson's Reach U-1	25	6	1	E	1600 - 1900	Y201109 : 45.988 - 122.6171389	0.7	Y201005 : 45.97875 - 122.6293333	0.0	Item 2	23	10	
Cowlitz	South		Johnson's Reach U-2	24	6	1	E	1200 - 1800	Y201109 : 45.988 - 122.6171389	0.4	Y201005 : 45.97875 - 122.6293333	0.4	Item 2	32	10	
Cowlitz	South		Johnson's Reach U-3	24	6	1	E	1300 - 1900	Y201109 : 45.988 - 122.6171389	0.2	Y201005 : 45.97875 - 122.6293333	0.6	Item 2	20	10	
Skamania	South		Kanaka U6	23	3	7	E	900-1500	Y201122 : 45.72924 - 121.90483	0.3			Item 2	45	10	
Skamania	South		Kanaka U9	23	3	7	E	900-1200	Y201122 : 45.72924 - 121.90483	0.2			Item 2	9	9	
Grays Harbor	North	*	Knot U1	31	17	4	W	700-1300	N201113 : 46.902222 - 123.223889	1.2			Item 2	86	20	
Grays Harbor	North	*	Knot U2	36	17	5	W	500-1200	N201119 : 46.89696 - 123.27078	1.0			Item 2	34	10	
Clark	South		Lacamas Creek U3	31	3	4	E	1200-1600	Y201102 : 45.70497222 - 122.3703333	0.4			Item 2	47	10	
Lewis	North		Lean Mac U1	25	14	4	W	300-700	N201128 : 46.67121 - 123.13898	0.0			Item 2	43	10	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Control Acres	Special Requirements & Comments
Pacific	Coast		Lunar Hardwood U-1	21	13	7	W	600-900	C20112 : 46.60594983 - 123.5484798	0.3	C20113 : 46.60063 - 123.51554	2.0	Item 2	43	0	
Pacific	Coast		Lunar Hardwood U-2	22	13	7	W	600-1100	C20112 : 46.60594983 - 123.5484798	0.6	C20113 : 46.60063 - 123.51554	0.9	Item 2	61	0	
Pacific	Coast		Lunar Hardwood U-4	27	13	7	W	400-700	C20112 : 46.60594983 - 123.5484798	1.4	C20113 : 46.60063 - 123.51554	1.3	Item 2	21	10	
Thurston	North	*	Mega U1	20	17	3	W	500-900	N201116 : 46.94294 - 123.09399	0.4			Item 2	32	10	
Thurston	North	*	Mega U2	20	17	3	W	700-1000	N201116 : 46.94294 - 123.09399	0.5			Item 2	11	10	
Pacific	Coast		Mill 2000 U-1	14	13	7	W	500-700	C20113 : 46.60063 - 123.51554	0.5	C201118 : 46.616 - 123.504	0.7	Item 2	11	0	
Pacific	Coast		Mill 2000 U-2	23	13	7	W	700-1000	C20113 : 46.60063 - 123.51554	0.0			Item 2	24	0	
Pacific	Coast		Mill 2000 U-3	24	13	7	W	600-1300	C20113 : 46.60063 - 123.51554	0.8			Item 2	46	0	
Pacific	Coast		Mill 2000 U-4	13	13	7	W	400-800	C201118 : 46.616 - 123.504	0.0	C20113 : 46.60063 - 123.51554	1.1	Item 2	83	0	
Lewis	North		Molie U1	17	14	3	W	500-800	N201127 : 46.69625 - 123.09634	0.0			Item 2	33	10	
Lewis	North		Molie U2	18	14	3	W	500-800	N201127 : 46.69625 - 123.09634	0.2			Item 2	50	10	
Thurston	North	*	Mor U1	9	17	3	W	1200-1700	N20112 : 46.98061 - 123.07389	0.0			Item 2	57	10	
Thurston	North	*	Mor U2	18	17	3	W	700-800	N201116 : 46.94294 - 123.09399	1.0	N201117 : 46.96747 - 123.13796	1.9	Item 2	34	10	
Lewis	North		Mystic Pizza U1	13	11	2	E	1700-2200	N201135 : 46.42827 - 122.51265	1.1			Item 2	66	10	
Lewis	North		Mystic Pizza U2	13	11	2	E	2000-2200	N201135 : 46.42827 - 122.51265	0.5			Item 2	18	10	
Lewis	North		Mystic Pizza U3	24	11	2	E	1400-2100	N201135 : 46.42827 - 122.51265	0.2			Item 2	64	10	
Lewis	North		Mystic Pizza U4	13	11	2	E	2000-2100	N201135 : 46.42827 - 122.51265	0.3			Item 2	7	10	
Clark	South		Oceanspray U1	31	3	4	E	1200-1700	Y201102 : 45.70497222 - 122.3703333	0.1			Item 2	34	10	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Grays Harbor	North	*	Old Stock U1	7	17	4	W	500-1000	N20116 : 46.97372 - 123.22831	1.0			Item 2	46	10	
Clark	South		One Horse U1	36	6	2	E	1100 - 1400	Y201106 : 45.96105556 - 122.4712778	1.0			Item 2	15	10	
Clark	South		One Horse U2	36	6	2	E	1300-1400	Y201106 : 45.96105556 - 122.4712778	1.2			Item 2	20	10	
Cowlitz	South		One Horse U4	31	6	3	E	1300-1600	Y201106 : 45.96105556 - 122.4712778	0.7			Item 2	50	10	
Clark	South		One Horse U5	32	6	3	E	1500 - 1800	Y201106 : 45.96105556 - 122.4712778	0.0			Item 2	36	10	
Thurston	North	*	Pappy Sorts U4	5	16	3	W	400-600	N201114 : 46.91017 - 123.10334	1.0			Item 2	49	10	
Thurston	North		Plasma U1	5	15	1	E	500-800	N201121 : 46.81485 - 122.69666	1.1			Item 2	70	20	
Grays Harbor	North	*	Quoin U1	15	17	4	W	900-1500	N201117 : 46.96747 - 123.13796	1.6	N201118 : 46.95597 - 123.17845	0.5	Item 2	22	10	
Thurston	North	*	Quoin U2	23	17	4	W	800-1500	N201117 : 46.96747 - 123.13796	1.2	N201118 : 46.95597 - 123.17845	1.5	Item 2	20	10	
Thurston	North	*	Quoin U3	23	17	4	W	900-1100	N201117 : 46.96747 - 123.13796	1.5	N201118 : 46.95597 - 123.17845	1.2	Item 2	16	10	
Thurston	North	*	Quoin U4	23	17	4	W	700-1500	N201117 : 46.96747 - 123.13796	1.3	N201118 : 46.95597 - 123.17845	1.9	Item 2	28	10	
Grays Harbor	North	*	Quoin U5	15	17	4	W	900-1500	N201117 : 46.96747 - 123.13796	1.3	N201118 : 46.95597 - 123.17845	0.8	Item 2	22	10	
Cowlitz	South		Riffraff U1	4	6	4	E	800-1400	Y201117 : 46.02422 - 122.33219	0.0			Item 2	93	20	
Cowlitz	South		Riffraff U2	5	6	4	E	1000-1700	Y201117 : 46.02422 - 122.33219	0.6			Item 2	72	10	
Lewis	North		Rob Roy U1	15	13	5	W	700-900	N201132 : 46.61827 - 123.29137	0.0	N201133 : 46.61193 - 123.32232	1.5	Item 2	15	10	
Lewis	North		Rob Roy U2	15	13	5	W	400-900	N201133 : 46.61193 - 123.32232	1.1			Item 2	64	10	
Thurston	North	*	Run U1	36	17	4	W	800-1200	N201114 : 46.91017 - 123.10334	0.8			Item 2	55	10	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Thurston	North	*	Run U3	29	17	3	W	600-800	N201116 : 46.94294 - 123.09399	1.2	N201114 : 46.91017 - 123.10334	1.3	Item 2	43	10	
Cowlitz	South		Salty Dog U1	24	6	1	E	1500 - 2400	Y201109 : 45.988 - 122.6171389	0.2			Item 2	67	10	
Cowlitz	South		Salty Dog U2	24	6	1	E	1500 - 1900	Y201109 : 45.988 - 122.6171389	0.3			Item 2	17	10	
Wahkiakum	Coast		Schraum Road	33	9	5	W	200-900	C201110 : 46.21551983 - 123.31447	0.0	C201111 : 46.22066983 - 123.31708	0.0	Item 2	40	10	
Lewis	North		Showtime U3	15	11	3	E	1500-1900	N201145 : 46.43538 - 122.44716	0.6	N201145 : 46.43538 - 122.44716	0.0	Item 2	91	20	
Grays Harbor	North	*	Side Way U1	5	16	4	W	800-1100	N20113 : 46.902222 - 123.223889	0.7			Item 2	75	20	
Grays Harbor	North	*	Side Way U2	5	16	4	W	600-1300	N20113 : 46.902222 - 123.223889	1.2			Item 2	56	20	
Pacific	Coast		So Far So Good U-3	12	13	7	W	500-1000	C201126 : 46.64036111 - 123.4817778	0.6			Item 2	55	10	
Lewis	North		Steeplechase U1	32	13	5	W	600-900	N201131 : 46.57026 - 123.32954	0.3	N201139 : 46.58729 - 123.33971	0.8	Item 2	75	20	
Lewis	North		Steeplechase U2	32	13	5	W	600-900	N201131 : 46.57026 - 123.32954	0.0	N201139 : 46.58729 - 123.33971	1.0	Item 2	74	20	
Thurston	North	*	Sterling U1	16	18	3	W	500-900	N20117 : 47.06308 - 123.04685	0.9			Item 2	53	10	Nearby powerlines
Grays Harbor	North	*	Sterling U4	20	18	4	W	1000-1200	N20111 : 47.04083333 - 123.2036111	0.3			Item 2	21	10	
Grays Harbor	North	*	Stuff U4	30	18	4	W	700-900	N20115 : 47.01556 - 123.23087	0.0			Item 2	19	10	
Thurston	North		Thor U3	3	15	1	W	400-1000	N201120 : 46.83274 - 122.78551	1.3			Item 2	43	10	
Grays Harbor	North	*	Touch U1	34	17	4	W	700-1100	N201112 : 46.92202 - 123.17941	0.9			Item 2	30	10	
Grays Harbor	North	*	Touch U2	34	17	4	W	1000-1600	N201112 : 46.92202 - 123.17941	0.3			Item 2	34	10	
Cowlitz	South		Troubadour U1B	30	6	2	E	600-900	Y201108 : 45.96777778 - 122.5932222	1.1			Item 2	21	10	

Bidder's Company Name: _____ Bidder's Initials _____

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Cowlitz	South		Troubadour U2	30	6	2	E	900-1400	Y201108 : 45.96777778 - 122.5932222	1.0	Y201109 : 45.988 - 122.6171389	0.9	Item 2	29	10	
Grays Harbor	North		Two Bit U1	11	16	5	W	100-600	N201119 : 46.89696 - 123.27078	0.0			Item 2	62	10	6 acres ground application not to be treated
Grays Harbor	North		Two Bit U2	12	16	5	W	200-500	N201119 : 46.89696 - 123.27078	1.6			Item 2	26	10	
Grays Harbor	North		Two Bit U4	6	16	4	W	600-1000	N201113 : 46.902222 - 123.223889	0.4			Item 2	66	10	
Lewis	North		VooDoo U1	11	14	5	W	700-1000	N201130 : 46.70862 - 123.28268	0.3			Item 2	47	10	
Lewis	North		VooDoo U2	10	14	5	W	800-1200	N201130 : 46.70862 - 123.28268	0.0			Item 2	28	10	
Pacific	Coast		Wheaties U-1	12	13	8	W	200-500	C20111 : 46.635 - 123.61897	0.0			Item 2	23	10	
Pacific	Coast		Wheaties U-2	7	13	7	W	200-600	C20111 : 46.635 - 123.61897	0.8	C201127 : 46.61630556 - 123.6048056	0.6	Item 2	23	0	
Cowlitz	South		Woods Talk U1	31	6	2	E	500 - 1000	Y201108 : 45.96777778 - 122.5932222	0.6			Item 2	60	10	2 herbicide formulations on this unit-see unit map for details
Cowlitz	South		Woods Talk U1	31	6	2	E	500 - 1000	Y201108 : 45.96777778 - 122.5932222	0.6			Item 9	20	10	2 herbicide formulations on this unit-see unit map for details
Thurston	North	*	Zebra U4	7	17	3	W	800-1700	N201117 : 46.96747 - 123.13796	1.3	N201111 : 46.97082 - 123.11645	0.0	Item 2	50	10	
Thurston	North	*	Zebra U5	7	17	3	W	800-1200	N201117 : 46.96747 - 123.13796	1.5	N201111 : 46.97082 - 123.11645	0.3	Item 2	10	10	
Thurston	North		Zuse Sorts U1	27	16	1	W	500-700	N201120 : 46.83274 - 122.78551	0.5			Item 2	43	10	
Thurston	North		Zuse Sorts U2	36	16	1	W	700-1100	N201120 : 46.83274 - 122.78551	1.6			Item 2	39	10	
Thurston	North		Zuse Sorts U3	34	16	1	W	500-900	N201120 : 46.83274 - 122.78551	0.5			Item 2	52	10	
Clark	South		Corn Palace U1	15	3	4	E	1500-2200	Y201112 : 45.73583333 - 122.3027778	0.2	Y201113 : 45.72736111 - 122.3140833	0.7	Item 3	85	20	
Clark	South		Corn Palace U2	22	3	4	E	1700-2600	Y201112 : 45.73583333 - 122.3027778	0.0	Y201113 : 45.72736111 - 122.3140833	0.6	Item 3	89	20	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Acres	Special Requirements & Comments
Clark	South		Oceanspray U2	25	3	3	E	700-1200	Y201101 : 45.71594444 - 122.3892778	0.0			Item 3	62	20	
Pacific	Coast		RCP Walville U-1	36	13	6	W	799-1023	C201124 : 46.57345 - 123.38525	0.0	C201125 : 46.57438 - 123.39040	0.0	Item 3	39	10	
Pacific	Coast		RCP Walville U-2	26	13	6	W	886-1583	C201124 : 46.57345 - 123.38525	0.2	C201125 : 46.57438 - 123.39040	0.2	Item 3	83	10	
Cowlitz	Coast		Agren U1	7	10	2	W	900-1000	C201114 : 46.37351 - 122.97803	0.0	C201116 : 46.38107 - 122.97788	0.5	Item 4	22	10	
Cowlitz	Coast		Agren U3	6	10	2	W	500-900	C201115 : 46.38358 - 122.97788	0.0	C201116 : 46.38107 - 122.97788	0.0	Item 4	68	20	
Thurston	North	*	Ascend U2	24	17	4	W	600-800	N201116 : 46.94294 - 123.09399	1.4	N201117 : 46.96747 - 123.13796	1.8	Item 4	63	10	Treatment can only take place Tuesday through Thursday due to nearby campground, recreational trails
Cowlitz	Coast		Blue Room Sorts U1	15	10	2	W	300-400	C201123 : 46.3470201149751 - 122.914346176254	0.0			Item 4	64	10	
Wahkiakum	Coast		Dark Roast U2	31	9	4	W	600-800	C20118 : 46.21605 - 123.2228	0.0			Item 4	35	10	
Lewis	North		Dodgeball U2	11	13	6	W	600-900	N201141 : 46.62103 - 123.38646	0.0			Item 4	39	10	
Wahkiakum	Coast		Jibber Jabber U1	36	9	5	W	900-1000	C20119 : 46.22279983 - 123.2585398	0.7			Item 4	43	10	
Wahkiakum	Coast		Jibber Jabber U2	36	9	5	W	900-1000	C20119 : 46.22279983 - 123.2585398	1.0			Item 4	10	0	
Grays Harbor	North		Lazy Boy Sorts U1	20	16	5	W	100-500	N201110 : 46.83541 - 123.33840	2.0			Item 4	52	20	
Pacific	Coast		Lunar HWDS Alder U-4	27	13	7	W	400-700	C20112 : 46.60594983 - 123.5484798	1.4	C20113 : 46.60063 - 123.51554	1.0	Item 4	23	10	
Grays Harbor	North		Random Chance U1	30	16	5	W	300-600	N201110 : 46.83541 - 123.33840	1.8			Item 4	75	20	
Grays Harbor	North		Random Chance U2	30	16	5	W	200-500	N201110 : 46.83541 - 123.33840	1.3			Item 4	76	20	
Thurston	North		Zuse Sorts U2A	36	16	1	W	800-1000	N201120 : 46.83274 - 122.78551	1.5			Item 4	15	10	
Cowlitz	South		Troubadour U1A	31	6	2	E	600-1000	Y201108 : 45.96777778 - 122.5932222	1.1			Item 9	15	10	Powerlines near unit

Bidder's Company Name: _____ Bidder's Initials _____

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Control Acres	Special Requirements & Comments
Lewis	North		Belmont U1	33	12	2	E	1000-1400	N201144 : 46.48424 - 122.55522	0.0			Item 6	87	20	
Cowlitz	South		Camp 16 U1	16	6	3	E	1500 - 2000	Y200902 : 45.99922222 - 122.4379444	0.4			Item 6	58	10	
Cowlitz	South		Camp 16 U2	22	6	3	E	1300 - 1600	Y200902 : 45.99922222 - 122.4379444	0.5			Item 6	20	10	
Clark	South		Camp 16 U3	16	6	3	E	1400 - 1700	Y200902 : 45.99922222 - 122.4379444	0.0			Item 6	40	10	
Thurston	North	*	Dark Horse U4	23	16	4	W	800-1100	N20118 : 46.86328 - 123.15150	0.0			Item 6	23	10	
Lewis	North		Four Star U1	25	12	1	E	700-1100	N201143 : 46.47741 - 122.63287	0.8			Item 6	78	20	
Lewis	North		Four Star U2	36	12	1	E	1000-1100	N201143 : 46.47741 - 122.63287	0.5			Item 6	61	10	
Lewis	North		Four Star U3	36	12	1	E	700-1000	N201143 : 46.47741 - 122.63287	0.0			Item 6	78	20	
Lewis	North		Midnight Wager U1	3	14	5	W	600-1000	N201138 : 46.72564 - 123.30104	0.4			Item 6	75	10	
Lewis	North		Midnight Wager U2	3	14	5	W	800-1300	N201138 : 46.72564 - 123.30104	0.0			Item 6	40	10	
Pacific	Coast		Pit Stop U-1	30	13	6	W	900-1400	C201119 : 46.593 - 123.482	0.0			Item 6	88	10	
Lewis	North		Showtime U2	16	11	3	E	1600-1800	N201145 : 46.43538 - 122.44716	0.0			Item 6	94	10	
Thurston	North	*	Slip Not 2	8	17	3	W	700-1200	N20112 : 46.98061 - 123.07389	0.5			Item 6	21	10	
Pacific	Coast		St. Paul Grade U-3	2	13	7	W	300-700	C201120 : 46.639 - 123.522	0.0			Item 6	64	20	
Pacific	Coast		Wild Bean U-1	10	13	7	W	400-700	C201112 : 46.6206875 - 123.5441525	0.1			Item 6	39	10	
Pacific	Coast		Wild Bean U-2	10	13	7	W	500-800	C201112 : 46.6206875 - 123.5441525	0.0			Item 6	25	10	
Thurston	North	*	Brush Hook U1	25	18	4	W	1100-1400	N201147 : 47.01139 - 123.14679	1.0			Item 7	34	10	
Pacific	North		Old School U1	24	13	6	W	1500-1800	N201140 : 46.59982 - 123.37170	0.0			Item 7	71	20	
Cowlitz	South		Ridge Top U3	6	9	3	E	2600-2800	Y201114 : 46.26838889 - 122.4758889	1.1			Item 7	35	10	

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5.3 UNIT DESCRIPTIONS: Bid 1314

County	Work Unit	No Weekend Work*	Unit Name	S	T	R	E/W	Elevation	*Helispot Coordinates	Miles to Helispot	*Alternate Helispot Coordinates	Miles to Alt. Helispot	Herbicide Formulation	Treatment Acres	Approx Drift Control Acres	Special Requirements & Comments
Cowlitz	South		Ridge Top U4	6	9	3	E	2600-2800	Y201114 : 46.26838889 - 122.4758889	1.3			Item 7	20	10	
Lewis	North		Rob Roy U3	20	13	5	W	500-900	N201139 : 46.58729 - 123.33971	0.3			Item 7	58	10	
Thurston	North	*	Eye U1	32	18	3	W	1100-1500	N201148 : 47.00580 - 123.08816	0.0			Item 8	36	10	Treat at end of release window- late September
Thurston	North	*	Eye U2	29	18	3	W	700-1400	N201148 : 47.00580 - 123.08816	0.7			Item 8	60	10	Treat at end of release window- late September

Bidder's Company Name: _____ Bidder's Initials _____

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5.3 UNIT DESCRIPTIONS: Bid 1314 Herbicide Item Formulations

ITEM NO. 1

SITE PREPARATION

ANTICIPATED TREATMENT WINDOW: July 18, 2011 to September 2, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 1	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 2	TOTAL ITEM ACRES
Accord Concentrate/Rodeo or Accord XRT II	48 oz	705 gal	Syl-Tac	8 oz	118 gal	1,881
Chopper	12 oz	176 gal				
Oust Extra	4 oz	470 lbs				

ITEM NO. 2

SITE PREPARATION

ANTICIPATED TREATMENT WINDOW: July 18, 2011 to September 2, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 2	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 2	TOTAL ITEM ACRES
Accord Concentrate/Rodeo or Accord XRT II	48 oz	1,602 gal	Syl-Tac	8 oz	267 gal	4,272
Chopper	24 oz	801 gal				
Oust Extra	4 oz	1,068 lbs				

ITEM NO. 3

SITE PREPARATION

ANTICIPATED TREATMENT WINDOW: July 18, 2011 to September 2, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 3	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 3	TOTAL ITEM ACRES
Accord Concentrate/Rodeo or Accord XRT II	48 oz	134 gal	MSO	128 oz	358 gal	358
Chopper	32 oz	90 gal				
Oust Extra	4 oz	90 lbs				

5.3 UNIT DESCRIPTIONS: Bid 1314 Herbicide Item Formulations

ITEM NO. 4

BROADCAST SITE PREPARATION

ANTICIPATED TREATMENT WINDOW: July 18, 2011 to September 2, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 4	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 4	TOTAL ITEM ACRES
Accord Concentrate/Rodeo or Accord XRT II	128 oz	585 gal	Syl-Tac	8 oz	36 gal	585
Escort XP	2 oz	73 lbs				

ITEM NO. 6

BROADCAST RELEASE TREATMENT

ANTICIPATED TREATMENT WINDOW: September 7, 2011 to September 30, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 6	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 6	TOTAL ITEM ACRES
Accord Concentrate/Rodeo	32 oz	223 gal	Syl-guard 309	0.5 oz	3.5 gal	891
Oust XP	3 oz	167 lbs				
Arsenal AC	1 oz	7 gal				

ITEM NO. 7

BROADCAST RELEASE TREATMENT

ANTICIPATED TREATMENT WINDOW: September 7, 2011 to September 30, 2011

HERBICIDES (See Clause 5.5)	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 7	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 7	TOTAL ITEM ACRES
Oust XP	3 oz	41 lbs	None	0	0	218
Transline	16 oz	27 gal				

5.3 UNIT DESCRIPTIONS: Bid 1314 Herbicide Item Formulations

ITEM NO. 8 for AERIAL APPLICATIONS

BROADCAST RELEASE TREATMENT - Vinemaple, woody vegetation

ANTICIPATED TREATMENT WINDOW: September 7, 2011 to September 30, 2011

	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 8	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 8	TOTAL ITEM ACRES
HERBICIDES (See Clause 5.5)						
Accord Concentrate	32 oz	24 gal	MSO	4 oz	3 gal	96
Oust XP	3 oz	18 lbs				
Forestry Garlon XRT	24 oz	18 gal				

ITEM NO. 9

BROADCAST SITE PREP TREATMENT- Scotchbroom Control/Prevention

ANTICIPATED TREATMENT WINDOW: July 18, 2011 to September 2, 2011

	HERBICIDE AMOUNT PER ACRE	TOTAL AMOUNT OF HERBICIDE FOR ITEM 9	ADJUVANT (See Clause 5.5)	ADJUVANT AMOUNT PER ACRE	TOTAL AMOUNT OF ADJUVANT FOR ITEM 9	TOTAL ITEM ACRES
HERBICIDES (See Clause 5.5)						
Accord XRT II (no generics)	48 oz.	13 gal	Syl-Tac	8 oz	2 gal	35
Milestone VM Plus	128 oz	35 gal	CLIMB	20 oz	5 gal	
Oust Extra	4 oz	8.75 lbs				

5.3 UNIT DESCRIPTIONS: Bid 1314 Estimated Product Totals

Product	Item 1	Item 2	Item 3	Item 4	Item 6	Item 7	Item 8	Item 9	Totals	Unit of measure
Accord/Rodeo	705.4	1602.0	134.3	585.0	222.8	0.0	24.0	N/A	3273.4	gallons
Accord XRT II	0	0	0	0	0	0	0	13.1	13.1	gallons
Chopper	176.3	801.0	89.5	0	0	0	0	0	1066.8	gallons
Arsenal AC	0	0	0	0	7.0	0	0	0	7.0	gallons
Oust Extra	470.3	1068.0	89.5	0	0	0	0	8.8	1636.5	pounds
Oust XP	0	0	0	0	167.1	40.9	18.0	0	225.9	pounds
Escort XP	0	0	0	73.1	0.0	0.0	0.0	0	73.1	pounds
Transline	0	0	0	0	0	27.3	0	0	27.3	gallons
Forestry Garlon XRT	0	0	0	0	0	0	18.0	0	18.0	gallons
Syl-Tac	117.6	267.0	0	36.6	0	0	0	2.2	423.3	gallons
Syl-guard 309	0	0	0	0	3.5	0	0	0	3.5	gallons
MSO	0	0	358.0	0	0	0	3	0	361.0	gallons
Milestone VM Plus	0	0	0.0	0	0	0	0	35	35.0	gallons
Drift Retardant (# 10ac loads)	47.1	103.9	8.0	16.0	20.0	6.0	2.0	2.0	205.0	loads
CLIMB	0	0	0	0	0	0	0	5.5	5.5	gallons

Note: No item 5 due to internal tracking needs

Treatment Acres, Drift Control Acres by Item			
Herbicide Formulation	Treatment Acres	Sum of Approx Drift Control Acres	Comments
Item 1	1,881	471	site prep
Item 2	4,272	1,039	site prep
Item 3	358	80	site prep
Item 4	585	160	site prep
Item 6	891	200	release
Item 7	218	60	release
Item 8	96	20	release
Item 9	35	20	site prep
Bid 1314 Grand Totals:	8,336	2,050	

Total Site Prep Acres: 7,131

Total Release Acres: 1,205

See clause 5.3.F.1.h.1 for allowable generic products

5.5 REQUIRED HERBICIDES AND MISCELLANEOUS NOTES

Except as stipulated in Clause 5.3.F.1.h.1, on page 13 of contract, Herbicide Shall Be:

1. Glyphosate, N - (phosphonomethyl) glycine, in the form of its isopropylamine salt; 53.8% active ingredient (5.4 pounds per gallon)
Trade name: **Accord Concentrate/Rodeo**
2. Glyphosate, N-(phosphonomethyl) glycine, in the form of its dimethylamine salt; 50.2% active ingredient (5.4 pounds acid per gallon)
Trade name: **Accord XRT II**
3. Sulfometuron methyl {Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino]sulfonyl]benzoate}; 75% by weight active ingredient
Trade name: **Oust XP**
4. Sulfometuron methyl {Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino] sulfonyl]benzoate} 56.25% active ingredient; Metsulfuron methyl Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]-carbonyl]amino]sulfonyl]benzoate 15.00% active ingredient.
Trade Name: **Oust EXTRA**
5. Isopropylamine salt of Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid); 27.6% active ingredient
Trade Name: **Chopper**
6. Isopropylamine salt of Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid); 53.1% active ingredient
Trade Name: **Arsenal AC**
7. Triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester 83.9% active ingredient
Trade Name: **Forestry Garlon XRT**
8. Metsulfuron methyl Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]-carbonyl]amino]sulfonyl]benzoate; 60% by weight active ingredient
Trade Name: **Escort XP**
9. Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt; 40.9%
Trade Name: **Transline**
10. Aminopyralid: (2-pyridine carboxylic acid, 4-amino-3,6-dichloro-) – 1.15% (0.1 lb/gal); Triclopyr: (3,5,6-trichloro-2-pyridinyloxyacetic acid) – 11.63% (1 lb/gal)
Trade Name: **Milestone VM Plus**

Adjuvants Shall Be:

- Trade name: **Syl Tac**
1. Methylated seed oil; alkylpolyoxy-ethylene ether and polyether modified polysiloxane: 100% active ingredient
Trade name: **Phase**
2. Methylated seed oil; C16-C18 fatty acids, polyalkyleneoxide, modified polydimethylsiloxane, alkylphenol: 99% active ingredient
Trade name: **Dyne-amic**
3. 2-(3-Hydroxypropyl) Heptamethyl-trisiloxane, Ethoxylated Acetate, Allyloxy Polyethylene Glycol Monallyl Acetate and Polyethylene Glycol Diacetate; 100% active ingredient
Trade name: **Sylgard 309**
4. Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and polyoxpropylene-polyoxyethylene block copolymers: 99% active ingredient
Trade name: **Kinetic**
5. Polysiloxane polyether copolymer: 100% active ingredient
Trade name: **Slither**
6. Methyl Soyate, Nonylphenol Ethoxylate Blend; 100% active ingredient
Trade Name: **Super Spread MSO Modified Vegetable**
7. Proprietary blend of methylated oils and nonionic surfactants; 100% active ingredient
Trade Name: **Premium MSO Methylated Spray Oil**

Herbicide Carrier Shall Be:

1. Water

Bidder's Company Name: _____ Bidder's Initials _____

5.6 PRICE SHEET

Item NO. 6	Description	Estimated Quantity in Acres	Chemical Rate Per Acre 1 & 5	Application Rate Per Acre 2 & 5	Total Rate Per Acre 3 & 5	Item Extended Total 4 & 5
1.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	1,881	\$ _____	\$ _____	\$ _____	\$ _____
2.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	4,272	\$ _____	\$ _____	\$ _____	\$ _____
3.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	358	\$ _____	\$ _____	\$ _____	\$ _____
4.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	585	\$ _____	\$ _____	\$ _____	\$ _____
6.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	891	\$ _____	\$ _____	\$ _____	\$ _____
7.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	218	\$ _____	\$ _____	\$ _____	\$ _____
8.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	96	\$ _____	\$ _____	\$ _____	\$ _____
9.	Aerial Helicopter Herbicide Treatment per all contract terms and specifications.	35	\$ _____	\$ _____	\$ _____	\$ _____
N/A	TOTALS: (Sum of Item Extended Total for all items above)	8,336				\$ _____

- ¹ Per acre price for all chemicals excluding tax.
- ² Per acre price of helicopter application only.
- ³ Chemical rate per acre excluding tax plus the application rate per acre.
- ⁴ Total rate per acre multiplied by the estimated acres.
- ⁵ All prices shall be FOB destination, freight prepaid and included.
- ⁶ Items not sequential due to internal tracking needs

5.7 REFERENCES

Bidder shall furnish a minimum of 3 references for which Bidder has delivered goods or services on a contract similar in scope to that described in this Request for Bid. Any feedback that the reference would not engage in future business may result in the bid being rejected. The state reserves the right to waive the reference check.

- 1. Company Name: _____
- Address: _____
- Contact Person: _____
- Telephone: _____
- Fax: _____
- Email: _____

Briefly describe the project performed:

- 2. Company Name: _____
- Address: _____
- Contact Person: _____
- Telephone: _____
- Fax: _____
- Email: _____

Briefly describe the project performed:

- 3. Company Name: _____
- Address: _____
- Contact Person: _____
- Telephone: _____
- Fax: _____
- Email: _____

Briefly describe the project performed:



CERTIFICATE OF LIABILITY INSURANCE

OP ID: DY

DATE (MM/DD/YYYY)

04/15/11

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Caledonian Insurance Group Inc P O Box 60 Mercer Island, WA 98040-0060	206-232-9870 206-232-9515	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: FARFO-1	FAX (A/C, No):
INSURED <i>NAME, ADDRESS OF INSURED</i>	INSURER A : Zurich American Ins Co INSURER B : Cochrane & Company INSURER C : INSURER D : INSURER E : INSURER F :	INSURER(S) AFFORDING COVERAGE	NAIC #

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <i>STOP GAP (WA)</i> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ <i>1,000,000</i> DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ <i>1,000,000</i> GENERAL AGGREGATE \$ <i>2,000,000</i> PRODUCTS - COMP/OP AGG \$ <i>Minimum Amounts</i>
<i>A</i>	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <i>ANY AUTO MUST BE CHECKED</i> <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		BAP5997250	12/01/10	12/01/11	COMBINED SINGLE LIMIT (Ea accident) \$ <i>1,000,000</i> BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
<i>A</i>	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

ADDITIONAL INSURED - STATE OF WASHINGTON, DEPARTMENT OF NATURAL RESOURCES, ITS ELECTED AND APPOINTED OFFICIALS, AGENTS AND EMPLOYEES. *1314*

*ENTER BID * HERE
EXAMPLE 1314*

CERTIFICATE HOLDER

CANCELLATION

PACCA-7 Pacific Cascade Region P O Box 280 Castle Rock, WA 98611	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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Certificate of Insurance

Certificate Number: 19528FARFO-1

This is to certify that the policy(ies) of insurance as described below have been issued to the Named Insured for whom this Certificate is executed and is/are in force at this time. This Certificate is issued for information only and confers no rights upon the holder. This Certificate neither affirmatively nor negatively amends, extends or alters the coverage afforded by such policy(ies) or binder(s) stated herein. This certificate cancels and supercedes all previously issued certificates.

Certificate Holder: State of Washinton
Pacific Cascade Region
Attn.: Chris Rasor
P.O. Box 280
Castle Rock, WA 98611

Named Insured: NAME, ADDRESS
OF INSURED

Policy Type: Aircraft Hull & Liability and Aviation General Liability Policy

Policy Period: December 01, 2010 to December 01, 2011 both days at 12:01am Local Standard Time at the address of the Named Insured shown above.

Insurer(s):	Company	Policy No.	% Participation
	Old Republic Insurance Company through Phoenix Aviation Managers	AA-53-12	100%

Aircraft Covered: All aircraft owned and/or operated by the Named Insured.

Premises Covered: All premises necessary and incidental to the aviation operations of the Named Insured.

As Regards: Bid Number 1312 — ENTER BID/CONTRACT # HERE

Coverages & Limits

Aircraft Liability Combined Single Limit Bodily Injury and Property Damage including Passengers	Coverage Limit \$5,000,000 each occurrence with Passenger Liability limited to \$100,000 each passenger excluding chemical.
Comprehensive Chemical Liability Combined Single Limit Bodily Injury (excluding passengers) and Property Damage	Coverage Limit \$500,000 Each Occurrence \$500,000 Aggregate
Aviation General Liability Combined Single Limit Bodily Injury and Property Damage	Coverage Limit \$2,000,000 Combined Single Limit Bodily Injury and Property Damage each occurrence including Passengers

Certificate Provisions

Additional Insured

With respect to Aircraft Liability, it is understood and agreed the Certificate Holder(s) shall be included as Additional Insured(s) hereunder solely with respect to the operations of the Named Insured. It is specifically agreed the inclusion of more than one Insured hereunder shall not operate to increase the Limits of Liability and is limited to those coverages provided by these policies.

Notice of Cancellation

The Company has made provision for prompt notice to you in the event of cancellation of the above described policies. Except as otherwise stated in this certificate, the Company assumes no legal responsibility for any failure to do so.

Certificate Date: 4/18/2011

Authorized Representative