

**State of Washington
Department of Natural Resources
Peter Goldmark, Commissioner of Public Lands**

**NORTHEAST REGION
INVITATION TO BID/CONTRACT NUMBER 1237**

Contract Digest For TREE PLANTING AND GROUND HERBICIDE APPLICATION:

SECTION I

**Notice to All Bidders
Instructions to Bidders**

SECTION II

**Division I - Bidding Requirements
Division II - General Provisions
Division III - Specifications
Division IV - Compliance Inspection**

SECTION III

**Unit Descriptions
Unit Maps**

SECTION IV

Bid Form

SECTION V

Offer and Contract Award

SECTION I

Notice to All Bidders

Instructions to All Bidders

SECTION I

NOTICE TO ALL BIDDERS

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

**Department of Natural Resources
Northeast Region
P.O. Box 190
Colville, WA 99114**

Bid Opening: Bids will be accepted at the Department's Northeast Region office until 2:00 PM Pacific Standard Time on Friday, April 17, 2009 at which time and place all bids will be opened and read aloud.

You are invited to bid this work and are advised to examine the areas prior to bidding. Questions pertaining to unit(s) can be answered by contacting Department Representative Phil Anderson at 1 (509) 684-7474.

INSTRUCTIONS TO ALL BIDDERS

Deliver 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:

Loren Torgerson, Region Manager
Department of Natural Resources
Northeast Region
P.O. Box 190
Colville, WA 99114-0190

The bid and bid deposit must be received at the Department's Northeast Region office prior to Bid Opening (see Notice To All Bidders, page 3).

The sealed bid envelope should be prepared in the following manner:

Addressed to: Loren Torgerson, Region Manager
Department of Natural Resources
Northeast Region
P.O. Box 190
Colville, WA 99114-0190

Upper left corner: Bidder's Address

Lower left corner: Tree Planting/Ground Herbicide - "Sealed Bid"
Invitation to Bid/Contract No. 1237

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative Phil Anderson of the Northeast Region office by calling 1 (509) 684-7474.

This contract contains a combination of tree planting and ground herbicide application. Both activities are to be completed simultaneously. Bid prices must include both tree planting and herbicide application.

SECTION II

Division I - Bidding Requirements

Division II - General Provisions

Division III - Specifications

Division IV - Compliance Inspection

SECTION II. Division I - Bidding Requirements

1-10 Preparation of Bids

- 1-11 Bidders are expected to examine this entire Invitation to Bid/Contract and are urged to inspect the work unit(s) prior to submission of any bid. No consideration shall be given any claim of bidding without comprehension of conditions.

1-20 Submission of Bids

- 1-21 Your bid response to this Invitation to Bid/Contract is an offer to contract with the Department of Natural Resources. A bid response becomes a contract when officially accepted and awarded by the department as evidenced by return of a countersigned SECTION V, "Offer and Contract Award".
- 1-22 Bids shall be submitted using the Bid Form, and the Offer and Contract Award form from SECTIONS IV and V of this document. The following shall be delivered to the Department's Region office in an envelope which shall be marked "Sealed Bid" and addressed to the Department's Region Manager as specified in Instructions To All Bidders (page 4): The Bid Form and the Offer and Contract Award form properly completed and signed, and a bid deposit as specified in Clause 1-23. No Facsimiled, E-mailed or any other non-original form of bids will be considered. Failure to comply with the above requirements or the requirements of Clause 1-23 prior to bid opening shall be cause to reject the Contractor's bid(s).
- 1-23 A bid deposit (guarantee) of FIVE HUNDRED DOLLARS (\$500) is required. This deposit is for the express purpose of assuring the Department that the Contractor will honor said bid and accept award of any and all items on which the Contractor may be the lowest responsible bidder. In the event the Contractor fails to honor said bid by rejecting award of any item, the Contractor will automatically forfeit the bid deposit. The bid deposit must be in the form of certified check and must be delivered to the Department's Region office as per Clause 1-22. The bid deposit of a successful bidder will be released when the required performance/damage deposit (Clause 1-31) has been submitted and approved.

1-30 Performance/Damage Deposit

- 1-31 Contractor agrees to furnish a performance/damage deposit in the amount of ten percent (10%) of the Contractor's total award. The deposit shall be submitted as per clause 1-45, and shall be in the form of certified check, savings account assignment, or irrevocable letter of credit acceptable to the Department. This deposit is to guarantee performance of all provisions of this contract and payment of any damages caused by operations under this contract or resulting from Contractor's noncompliance with any contract provisions or the law.
- 1-32 Bid deposits may be converted to apply to part or all of the required performance/damage deposits after successfully securing a bid.

1-40 Award of Contract

- 1-41 Oral explanation and interpretations prior to bid opening shall not be binding.
- 1-42 Award of contract shall be on the basis of an "Item" or an individual "Unit" as specified in the Bid Form. An "Item" shall be a specific group of individual "Units". "Items" or "Units" to be awarded are identified in the Bid Form. Individual "Units" are described in the Unit Description. The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all bidders seven (7) days or more prior to bid opening.
- 1-43 Award of contract shall be to the lowest responsible bidder as determined by the Department of Natural Resources (Clause 1-44). To be considered, bids must conform to the bidding requirements herein, except that the Department may waive informalities and minor irregularities in bids received. The Department further reserves the right to reject any or all bids received.
- 1-44 Award is conditioned in addition to price, on the Contractor showing upon request by the Department of Natural Resources the capability of fulfilling the contract terms herein by reason of past performance, ability to complete work in the specified time, previous and existing compliance with laws relating to this contract, and the character, reputation, judgment, and experience of the bidder, and other information which may be secured and have a bearing upon award. Failure to demonstrate this capability or to conform to the contract terms herein, will nullify award on all or certain items tentatively awarded. In the event of such failure, the Department shall be the sole judge of the items to be selected for award and/or nullification of award.
- 1-45 An Award Instructions letter and a copy of the executed contract will be mailed to the successful bidder. The contract award is conditioned on the following: Within ten (10) days after the Contractor receives their Award Instructions letter the Department must receive from the Contractor the performance/damage deposit, certification of insurance, and the Contractor's Declaration of Industrial Insurance Status as specified in Clauses 1-31, 2-24 and 2-29 respectively, and furthermore the Contractor shall submit the aforementioned through the Department's Region office specified in Instructions To All Bidders (page 4). It shall be the Department's prerogative to extend the time allowed for receipt of the above items if such an extension is in the best interest of the Department. Failure by the Contractor to submit the above items to the Department within the time specified or within an extension of that time as provided for shall be cause for the Department to consider the contract award rejected (Clause 1-23).

SECTION II, Division II - General Requirements

2-10 Definitions

- 2-11 Department: The Department of Natural Resources of the State of Washington, action by or through an authorized employee or agent.
- 2-12 Contractor: The person, partnership, or corporation to whom the contract is awarded.

2-20 Responsibilities and Legal Relations

- 2-21 The Contractor shall abide by and comply with all the laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect his/her contract. The Contractor will make any payments, contributions, remittances and all reports and statements required under said laws.
- 2-22 The Contractor shall, without additional expense to the Department, obtain all required licenses and permits necessary for executing provisions of his/her contract with the Department.
- 2-23 The Contractor shall save harmless the State of Washington, the Department, their officers, agents and employees from any and all claims for damages, injuries to persons or property that may occur as a result of the performance of the Contractor, agents or employees in connection with this contract.
- 2-24 The Contractor shall have and maintain for the life of the contract, liability insurance covering each motor vehicle operating hereunder with limits not less than \$1,000,000 personal injury and property damage. The Department shall be supplied with a certificate of insurance coverage, as per Clause 1-45.
- 2-25 The Contractor shall abide by and comply with all laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect the safety, health and welfare of any and all employees.
- 2-26 In the event of legal conflict, the Contractor agrees to submit to the jurisdiction of the courts of the State of Washington and further agrees the venue shall be laid in Thurston County.
- 2-27 The State is not liable for delay or nonshipment of supplies and materials or for delay or nonperformance of its obligations if occasioned by war, civil commotions, strikes, lockouts or labor disturbances.
- 2-28 For all active work sites the Contractor shall provide contract representatives who shall be on the site and responsible for directing the contracted activities of that site. The Contractor shall designate the contract representatives in writing at the time of the prework conference (Clause 2-71).
- 2-29 The Contractor shall complete and submit to the Department the Contractor's Declaration of Industrial Insurance Status form; the form shall be submitted as per Clause 1-45. A Contractor's Declaration of Industrial Insurance Status form will accompany the Award Instructions letter.

2-30 Subcontracting

- 2-31 The Contractor shall not, without written approval from the Department enter into any subcontract or assignment of contract relating to the performance of this contract.
- 2-32 All laws and regulations applicable to the contract also apply to all subcontracts.

2-40 Determination of Payment

- 2-41 The boundaries as designated under Clause Section 2-100, and defined in detail on the Unit Description attached, provide the basis for determining acreage completed. Failure to complete work to boundaries established by the Department renders work unsatisfactorily completed. The Contractor is to take the initiative in determining whether boundaries are sufficiently marked. No consideration will be given for work that extends beyond unit boundaries. If work extends beyond unit boundaries, charges may be levied against the Contractor by the Department for damages suffered.
- 2-41.01 Item 1 requires a per thousand tree bid price for all units. Item 1 unit boundaries are variable due to areas of advanced natural regeneration and standing trees. The presence of advanced regeneration and standing trees have resulted in the inability to accurately determine net planting and treating acreage. To provide a more equitable system for the Department and Contractor, Item 1 units will be paid on the basis of the actual number of trees planted, and treated, within each unit (minus any deductions for planting and treating quality <92% or >105%).
- 2-42 The total trees planted, and treated, by the Contractor will be determined using acres completed (Clause 2-41) and the findings from the planting and treating inspection plots (Division IV) as follows:
- 2-42.01 From planting and treating inspection plot findings the Department will calculate the average number of trees planted, and treated, per acre. The average number of trees planted, and treated, per acre multiplied by the number of acres completed equals the total number of trees planted, and treated.
- 2-43 Contract compliance inspection of work performed and payment for work performed will be based on acreage completed (Clause 2-41) for Item 2.
- 2.43.01 Contract compliance inspection of work performed and payment for work performed will be based on the number of trees planted for Item 1 (minus any deductions for planting and treating quality <92% or >105%).
- 2-44 The acceptability of planting and treating work performed and the rate of pay for planting and treating work performed will be based on the seedling planting and treating performance rating resulting from the Department's inspection as described in Division IV - Compliance Inspection.
- 2-44.01 Satisfactory Planting and Treating Performance - The Contractor's performance of seedling planting and treating will be considered satisfactory if the seedling planting and treating performance rating for work performed is determined to be between 92% and 105%.
- 2-44.02 Rate of Pay - The Contractor's rate of pay for work performed will be at the Unit Bid Price when the Compliance Inspection indicates planting and treating performance is satisfactory (Clause 2-44.01). The Contractor's rate of pay will not exceed the per acre (Item 2) or per thousand rate (Item 1) of the Unit Bid Price. The Contractor's performance of seedling planting and treating will be considered unsatisfactory if the seedling planting and treating performance rating for work performed is determined to be greater than 105% or less than 92%. The minimum damages that will be collected for unsatisfactory work for which seedling planting and treating performance is rated at less than 92% or >105% are as follows: For work which has the seedling planting and treating performance rated at less than 92% but equal to or greater than 59%, the Contractor's pay will be at a rate equal to the Unit Bid Price reduced by 5% for every one percentage point the seedling planting and treating performance rating is below 92%. Work which has the seedling planting and treating performance rated at 58% or less will not qualify for pay. For work that is above 105%, the unit bid price will also be reduced by 5% for every one percentage point the seedling planting and treating performance rating is above 105%.

Payment Examples

1. Assumption: The Unit Bid Price is \$65 per acre and the seedling planting and treating performance rating is 90% for work completed.

Conclusion: The seedling planting and treating performance rating of 90% is two percentage points less than the 92% performance limit, a 5% reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 10%. Therefore, 100% minus 10% equals a 90% rate of pay per acre which is: $90\% \times \$65/\text{acre} = \$58.50/\text{acre}$.

2. Assumption: The Unit Bid Price is \$190 per thousand and the seedling planting and treating performance rating is 108% for work completed.

Conclusion: The seedling planting and treating performance rating of 108% is 3 percentage points greater than the 105% performance limit, a 5% reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 15%. Therefore, 100% minus 15% equals a 85% rate of pay per acre which is: $85\% \times \$190/\text{thousand} = \$161.50/\text{thousand}$. This reduced rate applies to all trees planted, and treated, in the respective unit.

2-45 The Department may at its option subdivide and inspect units to determine the acceptability of work performed. Subdivisions for this purpose will be a minimum of ten (10) acres in size.

2-46 At the Department's option, the Contractor shall rework a unit or subdivision of a unit on which the Contractor's work performance is not rated satisfactory, and further, it shall be the Department's option to require the rework be completed prior to starting new work. Reworked areas will be reexamined for contract compliance, the resulting performance rating will supersede the previous performance rating for the area in question.

2-47 Payment shall be made as follows:

2-47.01 Payment may be made by the month, unit or by one total payment. Details of payment schedule will be determined in the prework conference (Clause 2-71). The Department will attempt to comply with the desires and needs of the Contractor but assumes no legal duty or obligation to adhere to the schedule of payment so arranged.

2-47.02 Partial payment may be made upon completion of part of a unit as determined by the Department. Request for partial payment is to be made by the Contractor utilizing the Contractor's Billing Invoice and Compliance Report provided by the Department. The Contractor or contract representative (Clause 2-28) shall sign the Contractor's Billing Invoice and Compliance Report after completion of each such "sub-unit" being submitted for payment. The Department Representative will then make payment recommendations for the invoice and forward the Contractor's Billing Invoice and Compliance Report to the Department's Region office for processing.

2-47.03 The Contractor or contract representative (Clause 2-28) and the Department representative shall sign the Contractor's Billing Invoice and Compliance Report form at the conclusion of work on each unit. Final payment will not be made to the Contractor unless the Contractor's Billing Invoice and Compliance Report form are signed by the Contractor or contract representative and the Department representative, and "final" payment is designated thereon.

- 2-47.04 If a unit's contract acreage is disputed the Contractor may upon completion of the unit request a verification traverse by the Department, the request must be in writing and signed by the Contractor. The Department will pay the Contractor based on acres determined from the verification traverse. If the verification traverse indicates the net acres specified in the Unit Description are correct within plus or minus five percent (5%) the Contractor shall pay the cost of the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary. THIS CLAUSE ONLY APPLIES TO UNITS WITH A PER ACRE PAYMENT RATE. ITEM I UNITS IN THIS CONTRACT ARE EXCLUDED FROM THIS CLAUSE.
- 2-47.05 Ten percent (10%) of all payments due Contractors who employ workers shall be retained by DNR as security for L&I industrial insurance premiums owed for their workers. Upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, the 10% retainage will be returned to the Contractor. DNR will return this retainage approximately 45 days following close of the quarter in which the work was completed. However, if the Contractor notifies DNR in writing that they have paid all L&I premiums associated with the Item(s) of this Contract, DNR will, upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, work diligently to return the retainage as soon as practical.

2-50 Nondiscrimination

- 2-51 Except to the extent permitted by a bona fide occupational qualification the Contractor agrees as follows:
- 2-51.01 The Contractor shall not discriminate against any employee or applicant for employment because of race, creed, national origin, sex or age. The Contractor will insure that applicants are employed and that employees are treated during employment without regard to race, creed, color, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training.
- 2-51.02 The Contractor shall, in all solicitations for employees or job orders for employees placed with any employment agency, union or other firm or agency, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, sex or age. The words "equal opportunity employer" in advertisements shall constitute compliance with this section.
- 2-51.03 The Contractor shall send to each labor union or representative of workers with which the Contractor has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union, or worker's representative of the Contractor's commitments under this section.
- 2-51.04 The Contractor shall include the provisions of the foregoing paragraphs: 2-51.01, 2-51.02 and 2-51.03 in every subcontract or purchase order for the goods or services which are the subject matter of this contract.
- 2-52 In the event of noncompliance by the Contractor with any of the nondiscrimination provisions of the contract, the Department shall have the right, as its option, to cancel the contract in whole or in part. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40). In the event the Department suffers damages resulting from such noncompliance the Contractor shall be liable.

2-60 Contract Administration

- 2-61 The Department will select representative(s) to enforce compliance of the contract as required in all specifications and to make recommendations for payment.

2-70 Contract Work Procedure

- 2-71 The Contractor shall attend a prework conference prior to commencing contract work (see Clauses 2-28, 2-47.01, 2-72, 3-34.01 and 3-44). The time and place of the prework conference shall be determined by the Department, the Contractor will be notified of the time and place when the contract is awarded. When considered practical by the Department the time and/or place of the prework conference may be altered if requested in writing by the Contractor.
- 2-72 A work schedule is required from the contractor. The work schedule shall be set at the prework conference (Clause 2-71) and must be acceptable to the Department. To be acceptable the work schedule must be practicable: The work schedule must identify the latest date by which the Contractor agrees to commence contract work on each unit awarded. The work schedule must allow a reasonable time period for the work to be completed according to contract requirements herein, and further, if more than one unit has been awarded the work schedule must indicate the sequence in which the units will be worked by the Contractor. If for any reason during the contract period the Contractor's work schedule is no longer viable, the Contractor must submit a revised work schedule for Department approval.
- 2-73 The Contractor shall obtain written permission to begin work on a unit. Such permission shall be applied for through the Department's Region office listed in the Notice To All Bidders section of the contract. Permission requests will require a minimum of two working days to process. The Department at its option may require person-to-person discussions between the Contractor and selected Department representatives prior to granting the required written permission. In the event the Contractor stops work for a period of one (1) week or more, or if the initial start-up is delayed by one (1) week or more the Contractor must reapply for permission to begin work.
- 2-74 Work shall only proceed on regular Monday through Friday work days. If allowed, work on weekends or designated State holidays will require written permission from the Department.

2-80 Work Progress and Contract Performance

- 2-81 The Contractor shall begin work as per the work schedule (Clause 2-72) and in accordance with contract requirements herein (see Clauses 1-45, 2-71, 2-73 and 2-74). The Contractor shall work diligently and complete the unit(s) within the contract period specified in the Unit Description. As units are sequenced in the work schedule, work started on one unit must be completed prior to beginning work on the next.
- 2-82 The Department reserves the right to modify or cancel this contract in part or whole without cause. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40).
- 2-83 Nonperformance or unsatisfactory performance or willful violation of contract requirements by the Contractor shall constitute breach of contract and the Department may at its sole option extend the contract and collect liquidated damages or terminate the contract with forfeiture of the performance/damage deposit or declare breach of contract and make claim for actual damages suffered by the Department.

2-90 Fire Responsibility

- 2-91 The Contractor and the Contractor's employees shall familiarize themselves with the Washington State Forest Fire Protection Requirements and adhere to them at all times. The operation will be subject to inspection by State personnel for adherence to regulations and presence of fire tools. All spark emitting engines will be equipped with approved spark arresters.
- 2-92 The Contractor shall not operate faulty power equipment.

2-90 Fire Responsibility (continued)

- 2-93 The Contractor shall not build any open fires at anytime of the year on the contract area without first obtaining written permission from the Department.

2-100 Boundaries

- 2-101 The boundaries except for easily identified ground features have been plainly marked with colored plastic flagging.
- 2-102 Net acreage as indicated in the Unit Description was measured on the horizontal plane. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated on the unit map.
- 2-102.1 Item I unit acreages are approximate; therefore, Item 1 units will be paid on a per thousand tree rate based on the actual number of trees planted, and treated, (minus any deductions for planting and treating quality less than 92% or greater than 105%).

2-110 Merchantable Products

- 2-111 This contract, unless specifically amended, in no way permits the contractor to remove merchantable or potentially merchantable products from the operating area for the purpose of sale or use. Contractors wanting to remove Christmas trees, boughs, brush pickings, decorative shrubs, or trees, firewood, poles, posts and other merchantable or potentially merchantable material from Department managed land must enter into a separate agreement with the Department.

2-120 Litter and Refuse

- 2-121 Litter and/or refuse brought into operating areas or campsites and rest areas used by the contractor or employees, shall be removed from the premises and disposed of in garbage disposal areas meeting all State, county, and local requirements. Such litter will include refuse resulting from equipment maintenance, abandoned equipment and containers and other expended materials.

2-130 Camping

- 2-131 Use of State owned lands, landings, roads, and Department campgrounds by the Contractor or the Contractor's employees for the purpose of lodging, parking, or camping done in connection with operation is permitted only at the express approval of the Department and may be revised or revoked for cause at any time. Camping restrictions or requirements such as chemical toilets and garbage can, but not limited thereto, may be imposed at the option of the Department.

SECTION II, Division IIIA – Planting Specifications

3a-10 Unit Description

- 3a-11 The Unit Description details the characteristics and specific work requirements for each unit.
- 3a-12 If specific requirements of the Unit Description conflict with the specifications in this division of the contract, the specific requirements of the Unit Description will prevail.

3a-20 General Specifications - Planting Operation

- 3a-21 Protection - Within the limits of Technical Specifications - Planted Seedlings (Clause Section 3a-30) trees shall be planted near stumps, logs, dead brush or other dead shade so as to provide protection from animal damage, drying winds and solar radiation.
- 3a-22 Planting Method - The "line" method of planting will be used by planting crews rather than having the crew randomly scattered on the unit, unless otherwise permitted by the Department representative. Each planter will only plant one (1) line at a time on each pass. As per "Seedlings Required Per Acre After Planting" each line will be at the "Approximate Spacing" given in Table A, Clause 4-32.
- 3a-23 Weather Conditions - Planting and treating operations will be halted when in the Department's judgment weather conditions are injurious to the seedlings and non target vegetation. Weather conditions during which the Department does not allow planting and treating include, but are not limited to: an air temperature of less than 40 degrees F (40EF) or greater than 75 degrees F (75EF), a wind velocity greater than ten miles (10) per hour, rainfall causes spray solution to move off treatment spot, or the Department's representative determines spray conditions are unsuitable.
- 3a-24 Do not plant trees in drivable roadside ditches. Abandoned roads within planting units shall be planted unless otherwise specified.

3a-30 Technical Specifications - Seedling Planting

- 3a-31 Planting spots shall favor survival and growth of planted seedlings.
- 3a-32 Spacing and number of seedlings planted shall be in accordance with the following:
 - 3a-32.01 Where planting spots are available and in accordance with all specifications of this section (3-30 Technical Specifications - Seedling Planting) seedlings shall be planted over all portions of the unit at an average spacing which will meet the Unit Description's specifications for seedlings required per acre after planting.
 - 3a-32.02 While maintaining the specified average spacing (Clause 3-32.01) the spacing of individual seedlings may vary within the limits of Clause 3-32.03 where needed to locate a plantable spot.
 - 3a-32.03 Seedlings shall not be planted closer than the minimum seedling distance specified in the Unit Description from: another contractor planted seedling, an acceptable natural seedling, or an acceptable previously planted seedling. Acceptable natural or previously planted seedlings are defined as any conifer seedling which is six (6) inches tall or taller and is well formed and vigorous.
- 3a-33 Preparation of the planting spot is required. The preparation shall include, where appropriate, the clearing and/or scalping to mineral soil of an area which has a minimum diameter of one (1) foot and is located as near the center of the planting spot as is practicable.

3a-30 Technical Specifications - Seedling Planting (continued)

- 3a-33.01 Clearing shall mean the removal of duff up to eight (8) inches deep, loosely compacted slash up to two (2) feet deep, and other accumulations such as rock, rotten wood, snow and ice which can be removed by kicking, dragging or the use of a planting tool.
- 3a-33.02 Scalping shall mean the removal of sod and that vegetation which is less than two (2) feet tall and has a base diameter of one-fourth (1/4) inch or less.
- 3a-34 Planting hole location and preparation shall be as follows:
- 3a-34.01 The planting hole shall be located in mineral soil and as near the center of the planting spot as is practicable. The planting hole shall be vertical, broken out on three sides and shall be wide and deep enough to fully accommodate the roots of the trees being planted. This method of preparing the planting hole will be, if requested, explained at the prework conference.
- 3a-34.02 The planting hole for bare root stock shall be a minimum of ten (10) inches deep.
- 3a-35 Tree Placement in Planting Hole - All seedlings, regardless of planting method, shall be suspended near the center of the planting hole with the roots in a near natural arrangement and to a depth that after filling, packing and leveling, the soil comes to a point midway between the top lateral roots and the lower needles or branches. The roots shall not be doubled up, twisted, tangled or bunched.
- 3a-36 Moist mineral soil shall be filled in and firmly packed around roots. Soil packing shall be such that the seedling shall not pull loose by a firm tug on the main stem.
- 3a-37 The planted seedling shall be left with the main stem and roots vertical and free to grow.
- 3a-38 The stems and roots of planted seedlings shall not be damaged due to soil firming, seedling positioning or other planting activities.

3a-40 General Specifications - Contractor

- 3a-41 Workers, Supervision and Equipment - The Contractor shall provide all workers, adequate crew supervision and serviceable equipment to satisfactorily accomplish planting of the areas described on the Unit Description. Adequate crew supervision shall mean at least one qualified nonplanting foreperson per 10 person crew unless otherwise allowed by the Department representative. A qualified nonplanting foreperson shall mean one who has one season (at least three (3) months) of forest tree planting experience. Documentation of a nonplanting foreperson's experience shall be provided to the Department upon request. A nonplanting foreperson may also act as a contract representative, see Clause 2-28.
- 3a-42 Auger planting of bareroot seedlings shall be accomplished with an auger bit which is a minimum of six (6) inches in diameter.
- 3a-43 Container seedlings (plugs) may be planted with the appropriate size planting hoes (such as small versions of the Rindt, Region-Six, or snow shoe type) and augers.
- 3a-44 Transportation of Planting Stock - The Contractor will be responsible for transportation of planting stock from the Department's Region office to the planting units unless other arrangements are detailed on the Unit Description or at the prework conference (Clause 2-71).

3a-40 General Specifications - Contractor (continued)

- 3a-45 Care of Planting Stock - From time of delivery to the Contractor, trees shall be kept free from damage at all times, including but not limited to drying, heating, smothering, freezing, drowning, or mechanical injury. Upon taking delivery of the seedlings the Contractor will promptly deliver them to a designated storage site at the planting unit or location approved by the Department representative where they will be stored until planting. The following specifications for seedling care during storage and handling shall be met.
- 3a-45.01 Containers of trees shall be carefully handled at all times. No throwing, dropping, crushing, etc. will be permitted. A charge will result for damaged seedlings (See Clause 3-61).
- 3a-45.02 Containers of trees shall be shaded from the sun and shielded from drying winds at all times.
- 3a-45.03 Containers of trees shall be stored in a manner that will provide air circulation around each container; except when containers are stored in snow banks, snow shall be placed and maintained around each container.
- 3a-45.04 Trees will be distributed to the planters in such a manner that no more than one container of trees will be open at the assembly point at one time.
- 3a-45.05 Tree containers from which trees have been used or to which trees have been returned shall be immediately resealed with tape and/or staples. The Contractor shall supply tape and/or stapler and have them available on the work site at all times.
- 3a-45.06 Trees carried by planter shall be in a planting bag or tray and arranged for easy removal of one tree at a time.
- 3a-45.07 Trees shall be protected from desiccation at all times. At the Department's request tree roots shall be moistened with water and/or planting bags lined with damp packing material.
- 3a-45.08 At the planting spot, roots shall not be unnecessarily exposed to drying conditions. A tree shall not be removed from the planting bag or tray before a planting hole has been prepared.
- 3a-45.09 Trees shall be planted as received without further pruning or culling. If these operations appear necessary or if mold, dry roots, freezing, dying or evidence of other injury is observed, the condition shall be promptly reported to the Department representative.
- 3a-45.10 At the end of the work day, trees which have been distributed but not planted shall be returned to original containers for storage.
- 3a-46 The Contractor shall be responsible for giving the Department one (1) full week advanced notice of the Contractor's intention of starting a unit; the Contractor then shall make all reasonable effort to begin work on said date. Less notice will not allow sufficient time for the Department to supply trees.

3a-50 General Specifications - Department

- 3a-51 A Department representative will acquaint the Contractor with each unit to be planted and will conduct periodic field inspections as detailed in Division IV - Compliance Inspection. Compliance inspection plot work may be done concurrently with planting work but will be completed no later than three (3) working days after work completion on the unit.

3a-50 General Specifications – Department (continued)

3a-52 The Department will mark access to the unit(s) within reasonable limits.

3a-53 The Department will supply all planting stock. Under extreme conditions the Department's supply of planting stock may be temporarily interrupted causing a possible delay to the Contractor.

3a-60 Other Specifications

3a-60 Dropped, Wasted or Damaged Seedlings - The Department will charge and deduct from the Contractor's payment \$1.00 per tree for those trees found dropped or otherwise wasted by the Contractor during the planting operation. The trees found in the inspection plots may be considered representative of the area. Dumping, discarding, mishandling or otherwise destroying seedlings shall be considered a willful violation of the contract and shall be subject to breach of contract provisions.

Example. One dropped tree was found in an inspection plot. As described in Clause 4-11, two inspection plots were installed per five acres. Therefore, this plot represents 2.5 acres of the planting area; and therefore, 1 dropped tree x 2.5 acres x \$1.00 per wasted tree means that \$2.50 will be deducted from the payment for this unit.

3a-62 Substitution of Type of Planting Stock - The Department may have to substitute planting stock, if so, this shall constitute a modification of contract and adjustment of per acre or per thousand unit bid price will be made based on the age class of the planting stock involved as per the following schedule:

<u>Age Class as Per Bid Invitation</u>	<u>New Age Class</u>	<u>Percent Adjustment</u>
2-0 or 1-1	Plug-1	+5%
2-0 or 1-1	*Plug	-14%
*Plug	2-0 or 1-1	+16%
*Plug	Plug-1	+22%
Plug-1	2-0 or 1-1	-5%
Plug-1	*Plug	-18%

*Containerized 8 through 12 cubic inches.

SECTION II, Division IIIB – Ground Herbicide Application Specifications

3b-10 Unit Description

- 3b-11 The Unit Description details the characteristics and specific work requirements for each unit.
- 3b-12 If specific requirements of the Unit Description conflict with the specifications in this division of the contract, the specific requirements of the Unit Description will prevail.

3b-20 Contractor and Department Obligations

- 3b-21 The Contractor shall be responsible for the following:
 - 3b-21.01 To provide all herbicide and carrier required to perform contract work as specified in the Unit Description(s).
 - 3b-21.02 To provide liquid coloring agent if specified in the Unit Description(s). Liquid coloring agent shall be "BullsEye" (blue or red) manufactured by Milliken Chemicals; an equivalent product may be substituted if approved in writing by the Department.
 - 3b-21.03 Upon request, provide samples of the herbicide solution being applied as treatment.
 - 3b-21.04 To keep records of each day's application work. The records to be kept shall be as per the Department's "Chemical Application Record". The Contractor shall provide the Department with such records prior to payment for work completed, or at any time earlier if requested by the Department.
 - 3b-21.05 To bear all costs of operation not specifically furnished by the Department under Clause Section 3b-22.
 - 3b-21.06 To provide sufficient licensed Commercial Operators or Applicators to ensure that all non-licensed applicators are under direct sight and voice control at all times on the work site when herbicide is being applied and to insure that employees who are not certified applicators shall have been trained as WPS Handlers and shall work under the direct supervision of a certified applicator as defined by RCW 17.21.020(13).
 - 3b-21.07 To provide all workers adequate crew supervision and serviceable equipment to satisfactorily accomplish treatment of acres described in the Unit Description.
 - 3b-21.08 To furnish all safety and personal protective equipment.
 - 3b-21.09 To mix and apply herbicide on site as per the Unit Description(s).
 - 3b-21.10 To keep herbicide from contacting conifer trees.
 - 3b-21.11 To identify treatment strips, spots, stems, or clumps with semi-permanent marker.
 - 3b-21.12 To properly dispose of all herbicide solutions, residues and empty containers.
 - 3b-21.13 To cease operations when:
 - a) wind exceeds twelve (10) miles per hour, or
 - b) air temperature is less than 40EF or greater than 75EF, or

- c) rainfall causes water to run down stems of target plants, or
- d) the Department's representative determines spray conditions are unsuitable.

3b-21.14 To refrain from applying herbicide to Department designated buffer areas.

3b-22 The Department shall be responsible for the following:

3b-22.01 To provide maps, photos or other data necessary to orient the Contractor.

3b-22.02 To provide a Department representative to acquaint the Contractor with the unit(s) and to conduct periodic field inspections.

3b-30 General Specifications

3b-31 Any debris or soil deposited in ditches, culverts, or roadways shall be removed immediately.

3b-32 Activities that will result in excessive deterioration of ditches, culverts, or roadways shall be avoided.

3b-33 Any legal land subdivision survey corners and/or witness objects are to be preserved. If destroyed or disturbed such points shall be re-established by a licensed land surveyor in accordance with the U.S. General Land Office Standards.

SECTION II, Division IV - Compliance Inspection

4-10 Inspection Plots

- 4-11 The Department will use inspection plots to determine the Contractor's seedling planting and treating performance rating (Clause Section 4-40). Inspection plots for this purpose shall be circular and have a one-fiftieth (1/50) acre area. The seedling planting and treating performance rating will be determined from a minimum sample of ten (10) plots, or two (2) plots for every five (5) acres of unit or subunit (Clause 2-45), whichever is more. The inspection plots will be well distributed over the compliance unit.

4-20 Inspection Plot Findings

- 4-21 Using criterion specified in the Unit Description and in the Technical Specifications - Seedling Planting (Clause Section 3a-30) the Department representative will examine each inspection plot. The findings of the examination will be recorded as follows:
- 4-21.01 Plantable Spots - The number of plantable spots (Clause 4-32) available on the plot.
 - 4-21.02 Trees Planted - The total number of Contractor planted trees within the plot.
 - 4-21.03 Satisfactorily Planted - The total number of Contractor planted trees within the plot that meet all applicable specifications of the Unit Description, and Division III, Clause Section 3-30.

4-30 Technical Specifications - Planting Spots

- 4-31 Plantable Spot - A spot which will favor survival and growth of the species being planted and which has the potential of meeting all applicable specifications of both the Unit Description and the Technical Specifications - Seedling Planting (Clause Section 3a-30).
- 4-32 Plantable Spots Per Inspection Plot - The number of plantable spots (Clause 4-31) per inspection plot shall be the maximum number which can be well distributed over the plot and which does not exceed a total number equal to one-fiftieth (1/50) of the number of seedlings required per acre after planting (Unit Description); see TABLE A.

4-30 Technical Specifications - Planting Spots (continued)

Seedlings Required Per Acre After Planting	TABLE A Maximum Planting Spots Allowed Per Inspection Plot	Approximate Spacing (feet)
100	2	20.9 X 20.9
150	3	17.0 X 17.0
200	4	14.8 X 14.8
250	5	13.2 X 13.2
300	6	12.0 X 12.0
350	7	11.2 X 11.2
400	8	10.4 X 10.4
450	9	9.8 X 9.8
500	10	9.3 X 9.3
550	11	8.9 X 8.9
600	12	8.5 X 8.5
650	13	8.2 X 8.2
700	14	7.9 X 7.9
750	15	7.6 X 7.6

4-40 Planting Performance Rating

4-41 Seedling planting shall be as per Technical Specifications - Seedling Planting (Clause Section 3-30) and the specifications of the Unit Description. The rating of seedling planting performance will be expressed as a percent and will be calculated as follows using the sum (or aggregate) of all inspection plots in a unit or subunit. The total of all recorded values for Satisfactorily Planted (Clause 4-21.03) divided by the total of all recorded values for Plantable Spots (Clause 4-21.01) times one hundred (100) equals the seedling planting performance rating percent.

$$\frac{\text{Total Satisfactorily Planted}}{\text{Total Plantable Spots}} \times 100 = \text{Planting Performance \%}$$

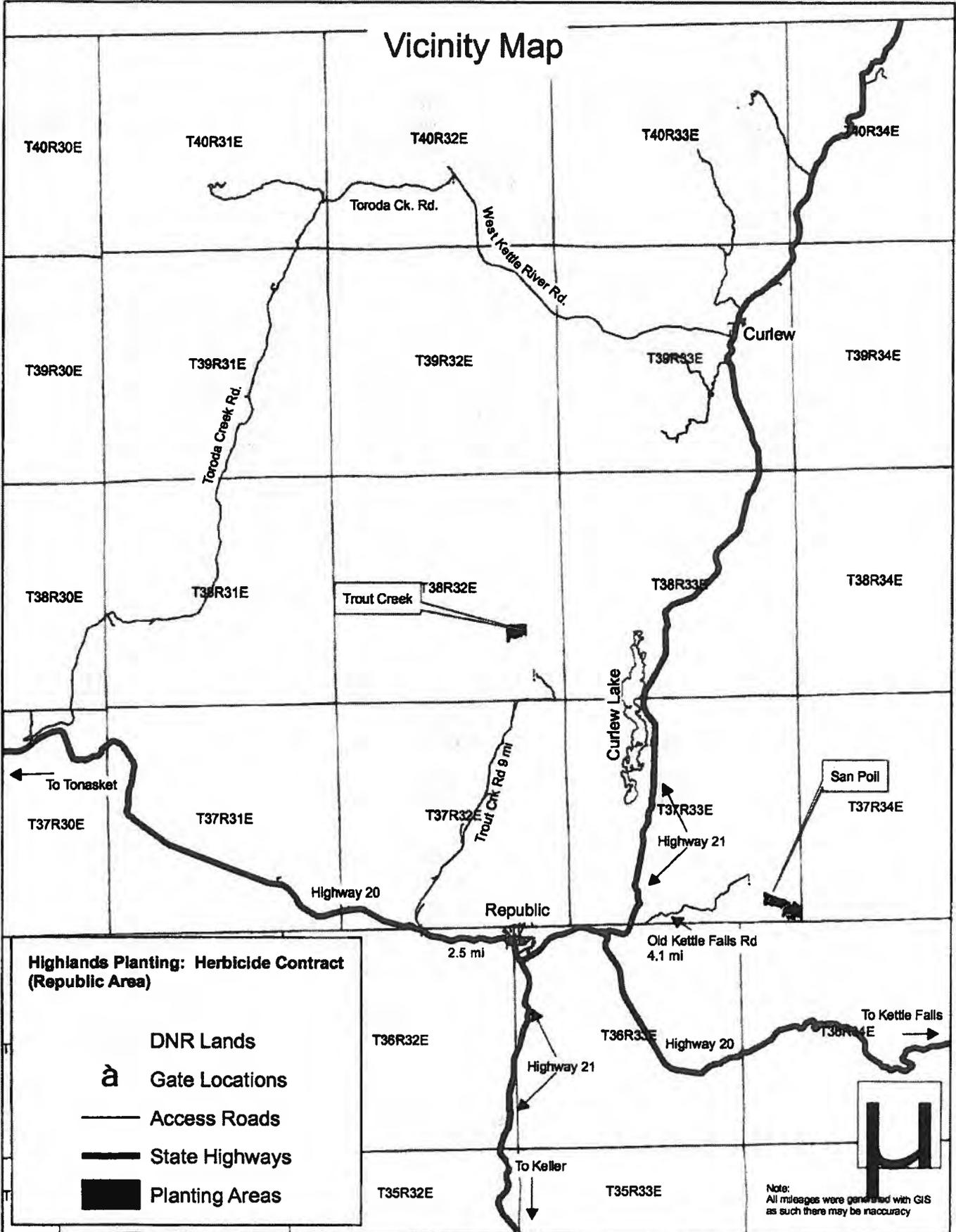
SECTION III

Unit Descriptions

Unit Maps

Vicinity Maps

Vicinity Map



Highlands Planting: Herbicide Contract (Republic Area)

-  DNR Lands
-  Gate Locations
-  Access Roads
-  State Highways
-  Planting Areas

Note:
All mileages were generated with GIS
as such there may be inaccuracy

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVENTATION TO BID/CONTRACT NUMBER 1237

Region: **Northeast**

District: **Highlands**

Unit Name: **San Poil**

Unit Number: **4, 5A & 5B** Item Number: **1a**

Total # of Units: **THREE**

Trust: **03**

Section 36, Township 37 North, Range 33 East, W.M.

SPECIFICATIONS – TREE PLANTING

Seedlings Per Acre After Planting: **300 TPA - (SPACE OFF RESIDUALS; Clause 3-32.03)**

Contract Period: **April 1 – June 1**

Species: **Planting Stock
Ponderosa Pine**
Type: **P-0**
Amount: **42,600**

Net Acres: 142 total acres (U4 = 66, U5A = 73, U5B = 3)

Minimum Seedling Distance: 12' X 12'

Minimum Crew Required: **10 Person**

Boundaries: **Units are bound by red ribbon and timber sale tags.**

See Unit Map for additional information:

Special Requirements:

- **Planting will start as soon as snow permits.**
- **Seedlings will not be planted within the under story drip line of reserve trees > 10 inches Dbh.**
- **The contractor shall dispose of all planting stock containers including seedling wrappers as instructed by the DNR.**
- **A non-planting crew supervisor for each crew shall be provided. Crew supervisor shall oversee crew and perform at least 3 quality check plots for every five acres of planted ground. Plots will be flagged and numbered so the DNR representative can check the plots. Crew supervisor will provide completed plot cards to DNR representative.**
- **Containers of trees on the planting units shall be shaded from the sun and shielded from drying winds at all times with the use of approved planting tarps.**
- **No preparation of a planting spot is required. This unit will be treated with an herbicide concurrently with the planting.**

SPECIFICATIONS – GROUND HERBICIDE

Buffer Areas: **Do not apply herbicide within 25 feet of any standing water.**

Vegetation to be Treated: **Re-sprouting grass and brush around planted 42,600 ponderosa pine seedlings**

	Generic Name	Active Ingredient	Active Ingredient
Herbicide:	Velpar L	Hexazinone	4 quarts Velpar L /Acre

Surfactant: **None**

Suspension Agent: **None**

Carrier: **Water**

Treatment Technique and Rate:

- **Herbicide shall be applied as a directed spot treatment over planted ponderosa pine seedlings.**
- **Mix 18.28 ounces of Velpar L per gallon of water.**
- **Applicator shall determine correct volume to apply.**
- **Use of Meter-Jet calibrated spray gun is required.**
- **Set adjustment on Meter-Jet to 12 millimeters per trigger pull.**
- **Use of solid cone nozzle is required.**
- **The treated area around each seedling shall be a five foot (minimum) circle centered on the seedling.**
- **Cone nozzle shall be held shoulder high over treated seedling to give consistent spray circle of five feet.**
- **Spray coverage shall be uniform across the spot being treated (spray to damp).**

Special Requirements:

- **The herbicide solution shall not be batched within 300 feet of any open water.**
- **The contractor shall provide adequate agitation to maintain correct herbicide suspension.**
- **Non-licensed applicators shall be under voice and visual supervision at all time.**
- **Non-licensed applicators shall be worker protection standard handler trained and training records shall be available for inspection.**

- **Monitor and record weather conditions before, during and after spray application and document this with other application data on the application record form.**
- **Contractor shall submit completed Chemical Application Record for each unit to the contract administrator within 24 hours of unit completion.**

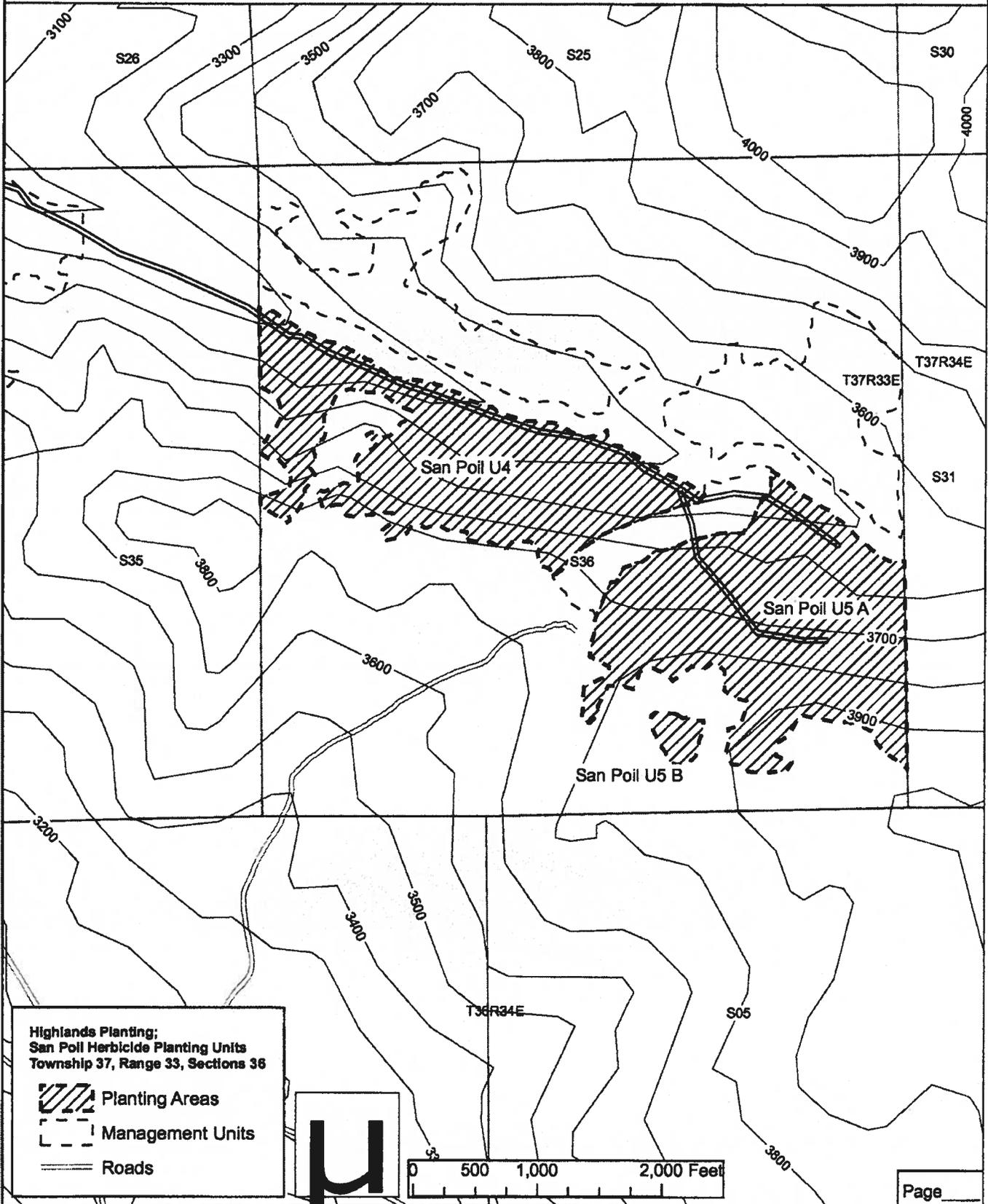
GENERAL INFORMATION -The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation: 3,000' – 4,000'	Slope: 0-50%	Aspect: NE	Snow Period: Nov. - April
Slash: Moderate	Duff: Moderate	Vegetation: Moderate	Soils: Good
Access: Good	Trees/Acre to plant: 300 in all units	Spacing: 12' X 12'	Total Quantity: 42,600 seedlings

Additional Comments:

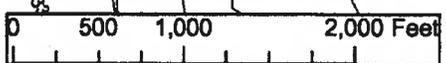
- **Snow may pose access problems, entry date will be dependant on spring snow melt, which can vary greatly year to year.**
- **Contractor shall be responsible for transportation of planting stock (see contract).**
- **Residual seedlings are defined as any conifer seedling that is greater than 6in height and well formed and vigorous.**

Section III, Unit Map



Highlands Planting;
San Poil Herbicide Planting Units
Township 37, Range 33, Sections 36

-  Planting Areas
-  Management Units
-  Roads



Page _____

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVENTION TO BID/CONTRACT NUMBER 1237

Region: Northeast

District: Highlands

Unit Name: Trout Creek

Unit Number: 1b

Item Number: 1

Total # of Units: ONE Trust: 03

Section 26, Township 38 North, Range 32 East, W.M.

SPECIFICATIONS – TREE PLANTING

Seedlings Per Acre After Planting: 300 TPA - (SPACE OFF RESIDUALS; Clause 3-32.03)

Contract Period: April 1 – June 1

Species: Planting Stock
Ponderosa Pine
Type: P-0
Amount: 26,700

Net Acres: 89 total acres (U1= 89)

Minimum Crew Required: 10 Person

Minimum Seedling Distance: 12' X 12'

Boundaries: Units are bound by red ribbon and timber sale tags.

See Unit Map for additional information:

Special Requirements:

- Planting will start as soon as snow permits.
- Seedlings will not be planted within the under story drip line of reserve trees > 10 inches Dbh.
- The contractor shall dispose of all planting stock containers including seedling wrappers as instructed by the DNR.
- A non-planting crew supervisor for each crew shall be provided. Crew supervisor shall oversee crew and perform at least 3 quality check plots for every five acres of planted ground. Plots will be flagged and numbered so the DNR representative can check the plots. Crew supervisor will provide completed plot cards to DNR representative.
- Containers of trees on the planting units shall be shaded from the sun and shielded from drying winds at all times with the use of approved planting tarps.
- No preparation of a planting spot is required. This unit will be treated with an herbicide concurrently with the planting.

SPECIFICATIONS – GROUND HERBICIDE

Buffer Areas: Do not apply herbicide within 25 feet of any standing water.

Vegetation to be Treated: Re-sprouting grass and brush around planted 26,700 ponderosa pine seedlings

Herbicide:	Generic Name	Active Ingredient	Active Ingredient
	Velpar L	Hexazinone	2 lbs/gal

Surfactant: None

Suspension Agent: None

Carrier: Water

Treatment Technique and Rate:

- Herbicide shall be applied as a directed spot treatment over planted ponderosa pine seedlings.
- Mix 18.28 ounces of Velpar L per gallon of water.
- Applicator shall determine correct volume to apply.
- Use of Meter-Jet calibrated spray gun is required.
- Set adjustment on Meter-Jet to 12 millimeters per trigger pull.
- Use of solid cone nozzle is required.
- The treated area around each seedling shall be a five foot (minimum) circle centered on the seedling.
- Cone nozzle shall be held shoulder high over treated seedling to give consistent spray circle of five feet.
- Spray coverage shall be uniform across the spot being treated (spray to damp).

Special Requirements:

- The herbicide solution shall not be batched within 300 feet of any open water.
- The contractor shall provide adequate agitation to maintain correct herbicide suspension.
- Non-licensed applicators shall be under voice and visual supervision at all time.
- Non-licensed applicators shall be worker protection standard handler trained and training records shall be available for inspection.

- **Monitor and record weather conditions before, during and after spray application and document this with other application data on the application record form.**
- **Contractor shall submit completed Chemical Application Record for each unit to the contract administrator within 24 hours of unit completion.**

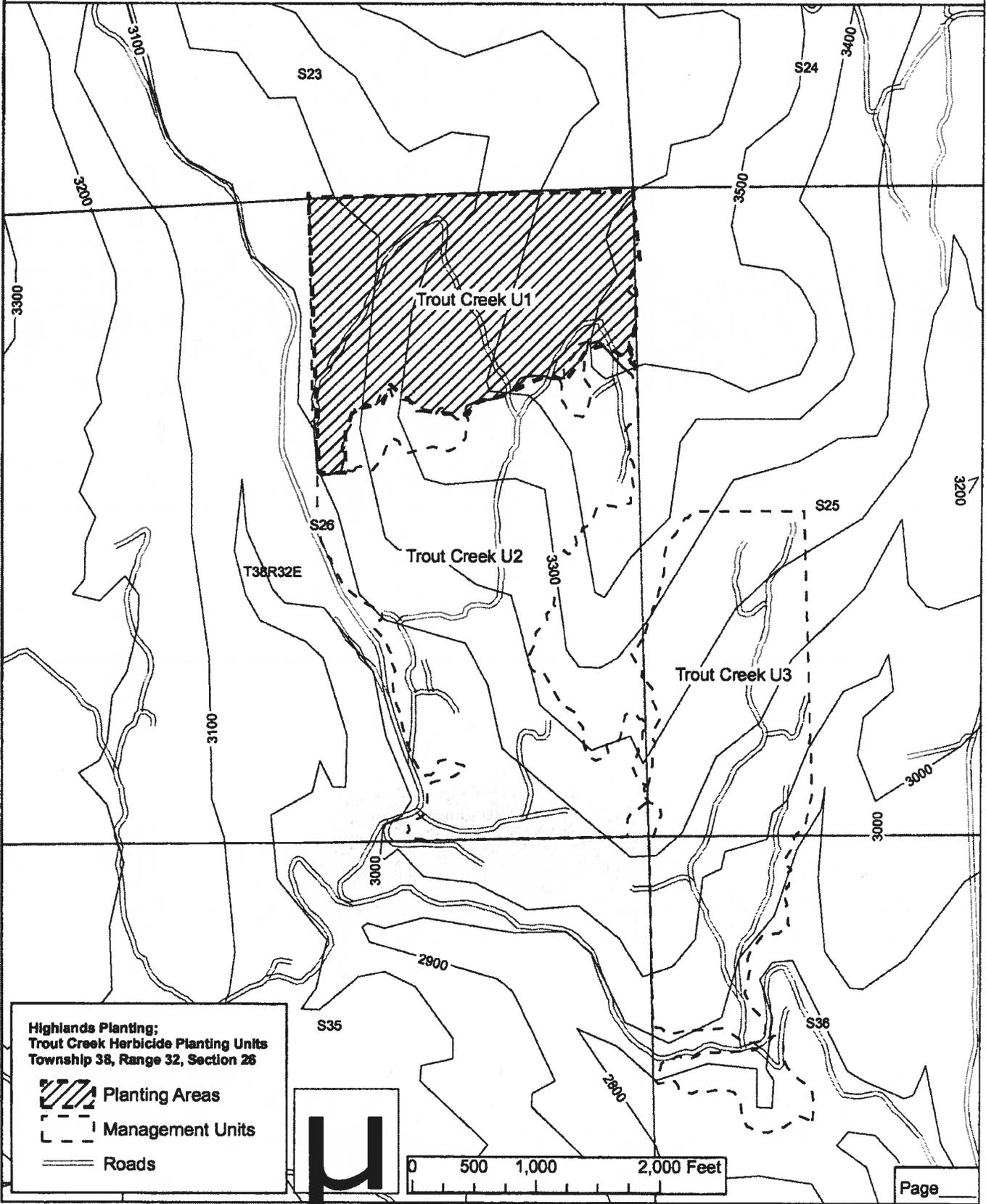
GENERAL INFORMATION -The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation: 3,000' – 4,000'	Slope: 0-50%	Aspect: W	Snow Period: Nov. - April
Slash: Moderate	Duff: Moderate	Vegetation: Moderate	Soils: Good
Access: Good	Trees/Acre to plant: 300 in all units	Spacing: 12' X 12'	Total Quantity: 26,700 seedlings

Additional Comments:

- **Snow may pose access problems, entry date will be dependant on spring snow melt, which can vary greatly year to year.**
- **Contractor shall be responsible for transportation of planting stock (see contract).**
- **Residual seedlings are defined as any conifer seedling that is greater than 6in height and well formed and vigorous.**

Section III, Unit Map



Highlands Planting;
Trout Creek Herbicide Planting Units
Township 38, Range 32, Section 26

-  Planting Areas
-  Management Units
-  Roads



0 500 1,000 2,000 Feet

Page

SECTION III, VICINITY MAP

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER

Region Northeast

District North Columbia

Local North of Colville, WA Trust 03

County Stevens

Section 25, 36,

Township 37,

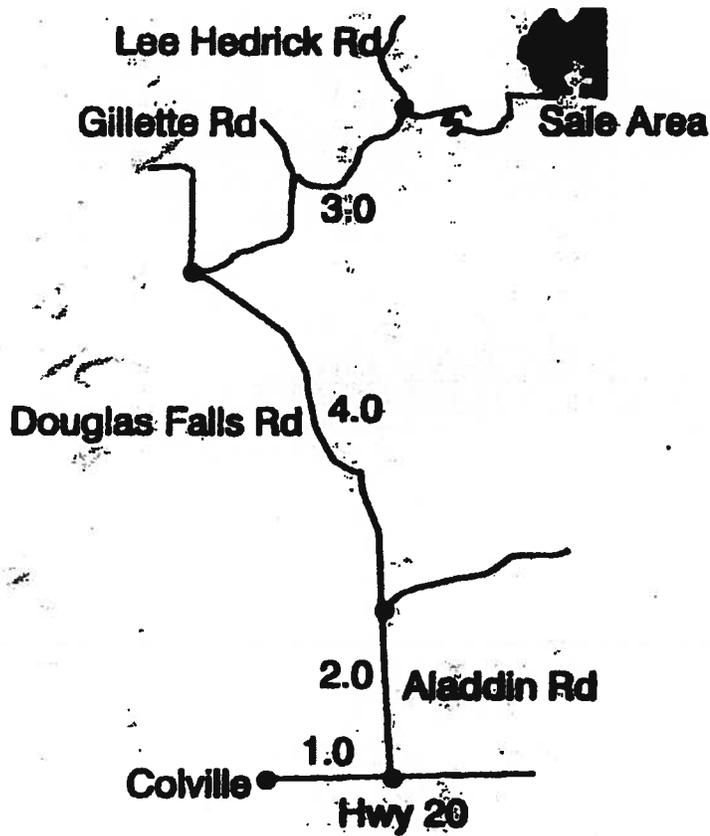
Range 39E, W.M.

Unit Name Douglette

Item No. 1c

Unit No 1

Not to Scale



NORTH



1c State of Washington
SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1237

Region: Northeast

District: North Columbia

Local North of Colville, WA

Unit Name: Douglette

Item Number 1c

Unit Number: 1

Trust: 03

Section: 25, 36, Township 37, Range 39, W.M.

SPECIFICATIONS-TREE PLANTING

Seedlings Required Per Acre After Planting: 300 Planting Stock

Contract		Species	WL
Period: May 1 – June 1		Type	NE07-058 P+0 2,942 trees NE07-160 P+1 15,000 trees
Net Acres: 65	Minimum Seedling Distance: 10x10	Minimum	Crew Required: 10 person crew with 1 foreperson

Boundaries: Identified old Timber Sale Boundary Tags and/or pink ribbon and road E373935A. See unit map on page _____.

Special Requirements

- Five business days notice prior to beginning planting.
- Seedlings shall not be planted closer than the minimum seedling distance specified from an acceptable seedling. (Acceptable seedlings are: Western Larch).
- Shovel planting required unless authorized by contract administrator.
- Contractor shall be responsible for transportation of planting stock. Insulated cooler required for transport and on site storage for the day. Ice will be provided by DNR, if necessary (see contract).
- Planting stock mix may vary due to availability at time of planting and acres may vary slightly, but total trees to be planted will equal 17,942 trees.
- No trees shall be planted in road cut or fill slopes.

SPECIFICATIONS-GROUND HERBICIDE

Buffer Areas: Do not apply Oust XP within 300 feet of standing or flowing water.

Vegetation to be treated: perennial grasses

Herbicide:	Trade Name	Active Ingredient	Amount
Surfactant:	Oust XP	Sulfometuron methyl	2 oz Oust/Acre
Suspension Agent:	None		
Carrier:	Water		

Treatment Technique and rate:

- Herbicide shall be applied as a directed spot treatment over planted western larch seedlings.
- Mix 0.3 dry ounces of Oust XP per gallon of water.
- Applicator shall determine correct volume to apply.
- Use of Meter-Jet calibrated spray gun is required.
- Set adjustment on Meter-Jet to 12 millimeters per trigger pull.
- Use of solid cone nozzle is required.
- The treated area around each seedling shall be a five foot (minimum) circle centered on the seedling.
- Cone nozzle shall be held shoulder high over treated seedling to give consistent spray circle of five feet.

Special Requirements:

- The herbicide solution shall not be batched within 300 feet of any open water.
- The contractor shall provide adequate agitation to maintain correct herbicide suspension.

- **Non-licensed applicators shall be under voice and visual supervision at all times.**
- **Non-licensed applicators shall be worker protection standard handler trained and training records shall be available for inspection.**
- **Monitor and record weather conditions before, during and after spray application and document this with other application data on the application record form.**
- **Contractor shall submit completed Chemical Application Record for each unit to the contract administrator within 24 hours of unit completion.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation: 4600-5200 Slope: 50% Aspect: South Snow Period: November-May

Slash: Light Duff: Light

Vegetation: Moderate Soils: Volcanic ash over glacial till and hard shaley bedrock

Access: See blocked roads on maps.

Trees/Acre		Total
To Plant: 276	Spacing: 12X12	Quantity: 17,942

Additional Comments

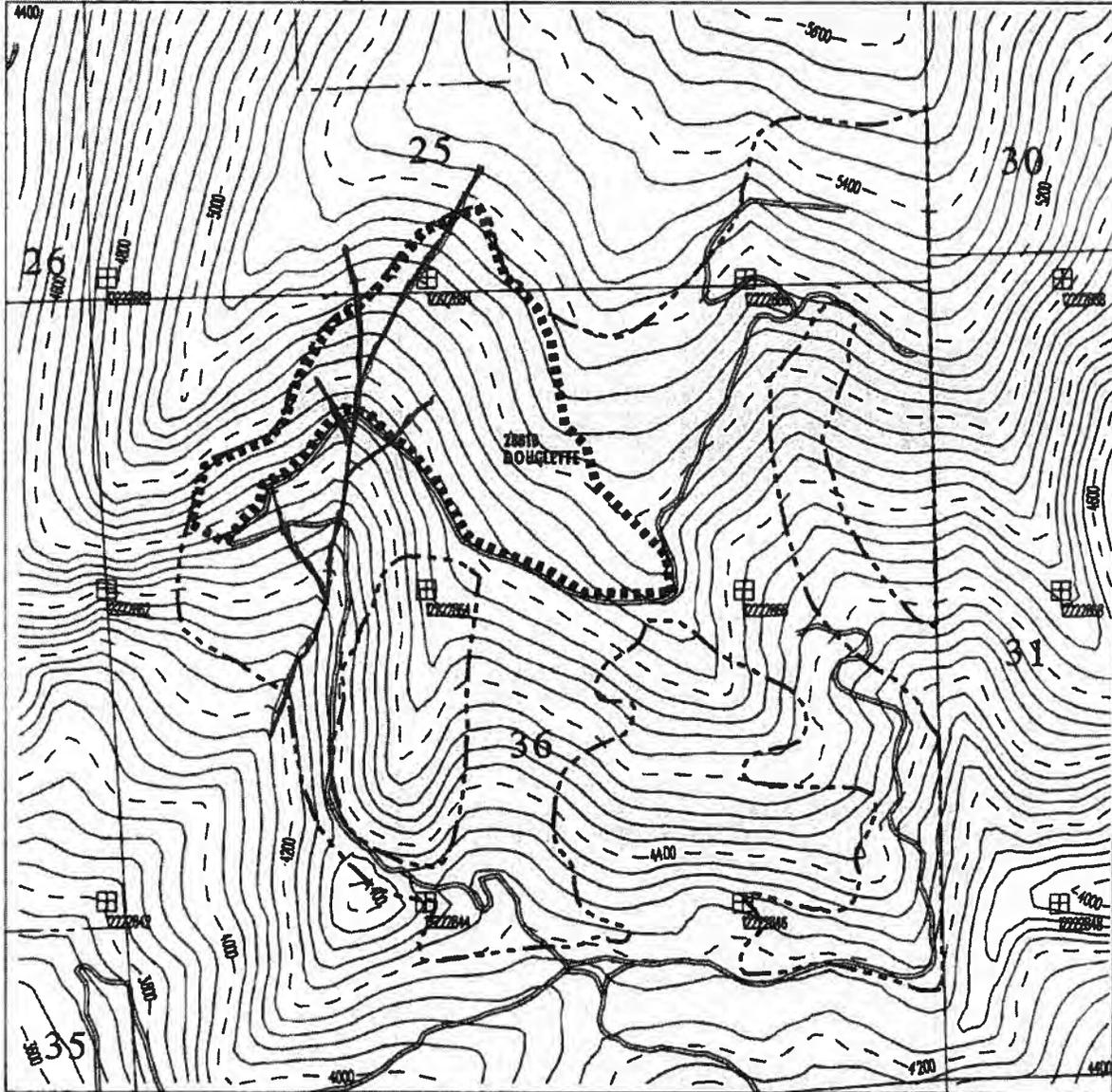
- **Snow may pose access problems, entry date will be dependant on spring snow melt, which can vary greatly year to year.**
- **Four-wheel drive vehicles will be necessary to access units to transport planters and seedlings.**

FMU TOPO MAP

FMU Name: DOUGLETTE
FMU ID: 28810 Job ID: 368816

Requestor: KYLE POMRANKEY
Date: 12/12/08

T37N R40E SEC 30	T37N R39E SEC 35
T37N R40E SEC 31	T37N R39E SEC 36
T37N R39E SEC 25	T36N R40E SEC 06
T37N R39E SEC 26	T36N R39E SEC 01



0 1000 2000 3000 4000 5000
FEET
a Potential Water to Buffer (300 ft)

**SECTION IV
BID FORM**

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1237

Award of contract shall be on an Item basis as per Clause 1-42.

At the following rates, the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number 1237. Note: Item 1 x Units 1a - 1c? Payment will be based on the actual number of trees planted per unit minus any deductions for planting quality (<92% or > 105%)

Item No.	Unit Name	Column A Estimated Number of Trees to Plant & Treat ¹	Column B Unit Bid Price (Per Thousand trees)	Column C = (A x B)/1000 Unit Total Bid ²
1a	San Poil Units 4 & 5	42,600	\$ _____	\$ _____
1b	Trout Creek Unit 1	26,700	\$ _____	\$ _____
1c	Doulette Unit 1	17,942	\$ _____	\$ _____
Total		87,242	\$ _____	\$ _____

The business named hereon is certified by the Office of Minority and Women's Business Enterprises and is bidding as a _____ owned business. (Enter either minority or woman, if appropriate.)

Firm Name _____ Address _____
 Signature _____ City and State _____
 Title _____ Phone _____

Note:

Detach and return one (1) copy of this form as per Clause 1-22.

¹An approximate number.

²Exclusive of Washington State Sales Tax.

**SECTION V
OFFER and CONTRACT AWARD**

OFFER (For Bidder Use Only)

On condition of a contract award within sixty (60) days of bid opening and for the bid price the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number 1237. Submittal of this document with authorized signature constitutes complete understanding of all terms and conditions. And further, submittal of this document constitutes acceptance of and agreement to comply with all terms and condition of the contract if awarded, and verifies that all goods and services will be available throughout the contract period.

(Company Name)		

(Address)		
_____	_____	_____
(City)	(State)	(Zip)

(UBI No.)		

(L & I Industrial Insurance Account No.)		

(Farm Labor Contractor License No.)		

(Federal I.D. No. or Social Security No.)		

By: _____

_____	_____
(Signature)	(Date)

(Typed or Printed Name)	

(Title)	

(phone No.)	

CONTRACT AWARD (For Dept. of Nat. Resources Use Only)

Contract Number 1237 is hereby awarded and executed between _____ and the State of Washington, Department of Natural Resources, to be effective _____, 20____. This award is for Item Number(s) _____.

State of Washington,
Department of Natural Resources

By: _____

_____	_____
(Signature)	(Date)
Loren Torgerson Northeast Region Manager	

NOTE: Detach and return this form per clause 1-22.