

Olympic Valley Public Service District
OV-4 Phase 1 Fuel Reduction Project



Olympic Valley Public Service District

October 2024

REQUEST FOR PROPOSALS

“OV-4 Hazardous Fuel Reduction Project-Phase 1”

70 acres Hand Removal Methods

Contact: Jessica Asher

530.452.4643

Email: Jasher@ovpsd.org

Bid Advertisement Date: October 18, 2024

Bid Tour Date: October 30, 2024

Bid Due Date: November 11, 2024

Olympic Valley Public Service District

PO Box 2026, 305 Olympic Valley Road, Olympic Valley, CA

Olympic Valley Public Service District
OV-4 Phase 1 Fuel Reduction Project

General Project Description

The Olympic Valley Public Service District (OVPSD or District) is seeking proposals from qualified and experienced contractors to provide all labor, materials, and equipment necessary to perform hazardous fuel reduction tasks as specified below. The “OV-4” Hazardous Fuel Reduction Project is a priority initiative within the Olympic Valley Community Wildfire Protection (CWPP), aimed at mitigating hazardous fuel conditions surrounding Olympic Valley. Project funding is provided by the OVPSD, the Tahoe Truckee Airport District (TTAD), the Tahoe Truckee Community Foundation (TTCF) and the California Department of Forestry and Fire Protection’s Wildfire Resilience Program (CAL FIRE). Project contracts will be held with the Olympic Valley Public Service District.

The respondents are advised that the maps, scope of work, and specifications included in this solicitation are the basis of performance of the Project and for the purpose of establishing a cost proposal.

Proposals must be received by 4:00 pm on November 11th, 2024 in accordance with the instructions contained herein. Late proposals will not be considered.

This is not a sealed bid or low bid process. The District intends to make an award using the evaluation criteria listed below to determine the proposal with the best value for the District.

PROPOSAL INSTRUCTIONS

A. Mandatory Pre-Bid Project Tour:

There will be a **mandatory** pre-bid site visit on **Wednesday, October 30, 2024, at 10:00 a.m.** The purpose of the site tour is to acquaint prospective bidders with the existing conditions of each site, access to each site, and the surrounding area, which could affect the cost of the bid. The site visit will be approximately 1-2 hours. Attendees are expected to provide their vehicle transportation between the sites. Only bids from bidders who attended the site visit will be accepted.

Meet at Olympic Valley Public Services District Office, 305 Olympic Valley Road, Olympic Valley, CA 96146.

B. Solicitation Questions:

Proposers may submit written questions regarding this solicitation. All questions must be emailed and received by Monday, November 4, 2024, no later than 12:00 PM. Questions asked after this date and time will not be considered. All questions shall be submitted, via email, to Jasher@OVPSD.ORG

The email subject line shall include: **OV-4 Hazardous Fuel Reduction Project**

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Answers to all written questions concerning this solicitation will be distributed via e-mail to all bidders present at the mandatory pre-bid project tour, on Wednesday, November 6th.

C. Schedule:

The District will make all attempts to adhere to the following timeline.

| | |
|-----------------------------------|------------------------------------|
| | |
| Project Solicitation | October 18, 2024 |
| Mandatory Bid Tour | October 30, 2024 – 10:00 AM |
| Bid Deadline for Questions | November 4, 2024 – 12:00 PM |
| Responses to Questions | November 6, 2024 |
| Bid Submission Deadline | November 11, 2024 – 4:00 PM |
| Tentative Contract Award | November 18, 2024 |
| All Acres completed By | November 15, 2025 |

D. Bid Submission

Proposals may be submitted either:

1. Electronically (PREFERRED METHOD): Must be received via email to Jessica Asher (jasher@ovpsd.org) no later than 4:00 pm (pst), November 11, 2024. Please cc yourself as verification of submittal.
2. By hardcopy: One hard copy must be received no later than 4:00 pm (pst), November 11, 2024 at the OVPSD office at 305 Olympic Valley Road, Olympic Valley, CA 96146. Please contact Jessica Asher if you plan to drop off your proposal at the office.

E. Required Bid Content

1. PROJECT APPROACH

Please include a detailed project approach and how the Contractor will meet the Scope of Work detailed below. Include the name of the project manager that will oversee the onsite work. Describe the equipment that will be used to perform project work and treatment methodology, specifying where you propose to perform pile burning, if any.

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2. PROJECT EXAMPLES

Provide project descriptions of three (3) past projects delivered by the project team. Projects should be of similar scope and scale to this project, highlighting experience in community hazardous fuel reduction projects. Details to be included with each project reference/example.

- Client Reference
 - Name
 - Agency
 - Phone number
 - Email address
 - Project duration

3. COST

Provide a price per treated acre for 80 acres of treatment. Include *as a separate item* cost you may incur to repair base gravel or paved road surfaces used as part of your operation.

4. SCHEDULE OF WORK

Please provide a detailed schedule that outlines all the phases and tasks of the project, including time for reviews.

5. LIST OF SUBCONTRACTOR

Each proposal shall include a complete list of subcontractors proposed for each portion of the work. No portion of contracts or subcontracts shall be assigned, transferred, or sublet without the consent of the District.

6. BIDDER'S LICENSE

Must possess a valid California Class A or B Timber Operator "A" license in good standing with Cal Fire.

7. SIGNATURE OF BIDDER

F. Bid Forms

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BID

Proposal of _____
(hereinafter called "BIDDER"), organized and existing under the laws of the State of _____, doing business as (an individual), or (a partnership), or (a corporation), to the Olympic Valley Public Service District (hereinafter called "OWNER"):

BIDDER hereby proposes to perform all WORK required for the OWNER, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID, each party thereto certifies as to his own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence work under the AGREEMENT in accordance with the NOTICE OF AWARD, and to fully complete the WORK within the number of calendar days specified in the CONTRACT DOCUMENTS.

BIDDER further agrees to pay the amount specified in the CONTRACT DOCUMENTS as liquidated damages, for each consecutive calendar day thereafter, as provided for in the AGREEMENT.

BIDDER acknowledges receipt of the following ADDENDA:

No. _____, dated _____, 20____

No. _____, dated _____, 20____

No. _____, dated _____, 20____

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INFORMATION REQUIRED OF BIDDER

List of Subcontractors

The BIDDER shall herein set forth the name, location of the place of business and the California Contractor license number of each subcontractor who will perform work or labor or render services to the CONTRACTOR in or about the construction of the WORK, or a subcontractor licensed by the State of California who, under subcontract to the CONTRACTOR, specially fabricates and installs a portion of the WORK according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of one percent of the CONTRACTOR'S total BID, and the portion of the WORK which will be done by each subcontractor. The BIDDER shall list only one subcontractor for each portion of the WORK as may be defined by the. Attach additional sheets, if necessary.

| <u>Name of Subcontractor</u> | <u>California Contractor License Number</u> | <u>Portion of Work to be Done</u> | <u>Place of Business</u> |
|------------------------------|---|-----------------------------------|--------------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

List of References

The BIDDER shall list at least three references of previous clients, at least one of which is a public agency, for which the Contractor has performed work similar to that contemplated in the Project. Not more than one reference may be the Olympic Valley Public Service District. Listings shall include name of project, date of project, client name, contact person, and telephone number.

| <u>Project Name and Date</u> | <u>Client Name</u> | <u>Contact Person</u> | <u>Telephone Number</u> |
|------------------------------|--------------------|-----------------------|-------------------------|
| 1. _____ | _____ | _____ | _____ |
| 2. _____ | _____ | _____ | _____ |
| 3. _____ | _____ | _____ | _____ |
| 4. _____ | _____ | _____ | _____ |
| 5. _____ | _____ | _____ | _____ |

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BID PROVISIONS

The undersigned BIDDER agrees to enter into an Agreement within ten (10) days after receipt of notification of acceptance of this BID, and further agrees to complete all WORK in accordance with specified requirements by the date specified thereof.

BIDDERS ADDRESS

Business Address _____

Telephone (____) _____

BIDDERS LICENSE

Contractors License No. _____

Class _____

Expiration Date _____

The representations made within this Bidders License section are made under penalty of perjury. Any BID not containing all information requested within this Bidders License section, or a BID containing information within this Bidders License section, which is subsequently proven false, shall be considered non-responsive and shall be rejected by Olympic Valley Public Service District.

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SIGNATURE OF BIDDER

Dated in _____ this _____ day of _____, 20 _____

If an Individual: _____, doing business as
_____.

If a Partnership: _____

By _____, partner,

Naming the following persons as partners in the firm,

If a Corporation: _____

By _____

Title _____

Naming the following officers:

President _____

Secretary _____

Treasurer _____

(Corporate Seal)

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G. Selection Criteria

The following criteria will be used in the evaluation of submitted proposals.

| CRITERIA | MAX POINTS | RATING |
|--|------------|--------|
| TECHNICAL PROPOSAL: UNDERSTANDING OF THE WORK TO BE DONE | 30 | |
| EXPERIENCE WITH SIMILAR KINDS OF WORK | 20 | |
| DEMONSTRATED TECHNICAL ABILITY | 15 | |
| COST | 25 | |
| TIMELINE | 10 | |
| Total | 100 | |

H. Award of Contract

The District may reject any and all proposals and re-issue this RFP. The District may waive any minor irregularities or immaterial defects in a proposal. The District reserves the right to request additional written or oral information from proposers to obtain clarification on their proposals. All proposals become the property of the District. All costs associated with development of the proposal in response to the District shall be the sole responsibility of the proposers and shall not be charged in any manner to the District.

The contract shall be awarded by December 31, 2024. CONTRACTOR shall not begin work without express permission from the District. All work must be complete, and invoices submitted, prior to November 15, 2025

I. Insurance and Bond Requirements

Contractor Insurance Requirements

Prior to rendering services, CONTRACTOR and his/her subcontractors shall acquire, and maintain during the term of this Agreement, at Contractor's sole expense: (1) Workers' Compensation Insurance conforming to the statutory requirements of the state in which operations under this agreement are performed; (2) comprehensive general and automobile bodily injury liability insurance written on an "occurrence" basis subject to minimum limits of \$2,000,000 each occurrence and \$4,000,000 aggregate; (3) general property damage insurance subject to a minimum of \$1,000,000 with not more than a \$10,000 deductible each loss; and (4) loggers' broad form property damage insurance of \$1,000,000 per occurrence. All liability insurance coverage shall provide that subcontractors working for CONTRACTOR are covered under the terms of CONTRACTOR'S policies. All grantors, property owners, and the District shall be named as additional insured on such policies.

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SCOPE OF WORK

Seventy (70) acres of fuels reduction activities have been identified as shown on the project maps (attached). All payments will be based on satisfactorily treated acres, which will be determined by the project forester, Danielle Bradfield.

Hand Thinning Vegetation Removal/Retention Specifications

These silvicultural treatments will be a thinning from below of conifers up to and including 10 inches DBH, including surface fuels. Approximately 80% of surface fuels shall be treated, with a requirement of surface fuel removal within 5 feet of overstory conifer dripline. Vegetation will be altered to provide at least 10 feet from the top of the surface fuel to the bottom of the live crown of adjacent conifers. A general horizontal and vertical discontinuity of fuels will be created through the implementation of this prescription. Cut vegetation shall be hand thinned and broadcast chipped or piled and burned according to the Project Map. The optimum treatment will achieve these fuel reduction specifications utilizing pile burning the least feasible amount. Firewood bolts shall be removed, where feasible, by the contractor. A combination of fuel treatment methodologies may be utilized to achieve the desired condition.

The stated treatments will occur under an approved Less Than 10% Dead, Diseased, Dying Exemption. Contractor shall be listed as the Licensed Timber Operator (LTO) of Record, having a class "A" or "B" LTO license in good standing. Compliance with the California Forest Practice Rules will govern all operations.

Treatment Specifications:

1. The Contractor shall select the highest quality conifer and remove the surrounding, competing brush, and conifers to the specified diameter limit for the unit.
2. Space vegetation an average of 15' x 15'.
3. Remove all target trees where they exist under the canopy/within the drip line of trees to be retained.
4. Do not thin conifers that are growing in open areas 15 feet or more from other trees.
5. Residual timber (leave trees) shall consist of healthy, vigorous dominant, and co-dominant trees with full crowns, greater than 40% live crown, free of defect, and the best phenotypes of the pre-harvest stand.
6. The operator shall generally maintain the pre-harvest species composition. Overstory retention priority shall generally be in the following order: Western White/Sugar Pine, Jeffrey Pine, Incense Cedar, White Fir, and Lodgepole Pine.
7. All aspen and riparian hardwoods, regardless of size, shall remain uncut, unless removal is required for operations.

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8. Vegetation will be altered to provide at least 10 feet of clearance from the top of the surface fuel. Pruning may be necessary to achieve this 10 foot vertical clearance distance. If pruning is utilized to achieve this clearing distance, the following specifications shall be followed:
 - a. Hand tools shall be utilized to complete pruning.
 - b. Pruning cuts shall be made just outside of the branch collar, not flush with the tree bole, to ensure sealing of the cut and to prevent leaving "stobs" on residual trees.
 - c. Pruning slash shall be treated according to the slash abatement standards of the unit where it is created.
9. All snags up to 10" DBH will be cut and treated to the specifications herein unless otherwise indicated by the RPF or designee.
10. All brush species shall be treated. All brush within 5 feet of dripline of residual conifers shall be removed. (Dripline is defined as the line that is perpendicular to the longest limbs of the residual tree canopy.) Brush beyond this zone shall be treated to create an effective fuel break. Operators shall leave residual brush clumps in a natural "mosaic" arrangement to provide for wildlife habitat, provided such clumps are not located within 5 feet of driplines and do not contribute to horizontal or vertical continuity of the fuels.
11. Live and healthy willow, cottonwood, and other riparian species shall be avoided unless otherwise indicated by the RPF or designee.
12. Pockets of pre-existing slash either from natural mortality, current, or past timber harvest operations shall be treated to reduce the size of material and height of the fuel concentration. Maximum residual piece size is 18" x 3" material.
13. If material is ground skid to a chipper, the Contractor is responsible for constructing waterbars as per 14 CCR on all skid trails at a maximum distance of 100 feet apart.
14. Chipped material shall be spread out to an average depth of 6 inches or less. Material shall not be concentrated into piles or against residual vegetation, including residual tree boles.
15. Tree stumps and stems shall be no taller than 6" above ground, measured on uphill side, or 6" above natural obstacles that must be avoided, such as boulders.
16. Isolated logs that exhibit progressed decay characterized by lack of bark and twigs, faded wood color and softwood texture, or logs that are incorporated into mineral soil may be left unaltered by the Contractor, provided they are isolated and do not contribute to a concentration of surface fuels. No aerial fuels are allowed on leave logs.
17. Berms created from equipment movements that are greater than 8" in height of soil (not litter/duff) must be dispersed or brushed over to even out the surface.
18. Effort shall be made to direct chipped vegetation within unit boundaries for prescribed treatment (especially along Hwy /roads, Control Areas/unique features, and private property).

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19. Contractor shall remove cut trees suitable for firewood. The wood product will be vested with the contractor and the contractor will be responsible for all reporting and payment of Timber Yield Tax.

Pile Burn Construction

1. Pile will be constructed with a height of 1.5 times higher than the width (at the base). However, pile height will not exceed 6 feet to avoid residual scorch unless there are limited openings for piles due to the amount of material to be burned, with the approval of RPF or designee.
2. Heavier materials should be placed inward into the burn pile interior, and each pile containing material protruding greater than 3 feet will be trimmed back and placed on pile.
3. Burn piles will be constructed free of dirt and non-combustible material to ensure a clean, safe burn.
4. Piles will be located away from stumps and sufficient distance away from residual trees or other vegetation to reduce scorch.
5. Each pile will be covered with plastic or Kraft paper placed during its construction on at least 50% of the pile surface. Small logs or slash will secure covering.

Burning of Piles

1. Piles shall be burned during the first suitable burn conditions and minimum cure time as specified in the burn permit[by November 1, 2025].
2. Contractor is responsible for modifying pile size and/or moving pile location(s) prior to ignition if current pile size and/or location could cause excessive scorching.
3. Piles will be managed to burn clean and level to the ground. Chunking in of piles at least one time will be necessary after the piles have had time to burn down and more may be required for satisfactory consumption. Chunking will include not only unburned pile material, but any burning fuel, which is creeping from a pile to prevent further creep and/or escape.
4. Piles shall cease to be lit if excessive scorching (more than 50% of tree crown is damaged) of the remaining leave trees occurs. If there is greater than 10% tree mortality, a 10% deduction will be made from contractor payment for each additional 10% of the residual stand affected by careless burning.
5. Burn Patrol: Contractor shall provide adequate patrol on site until burn piles are consumed and pose no threat for additional creep on the day of ignition. Contractor shall provide adequate patrols, including daytime and nighttime, when windy conditions exist, to eliminate the risk of escapes.
6. Fire Suppression Equipment & Fire Cache. The Contractor shall always furnish fire fighting tools on the project site during burn. Type and number of tools will meet the requirements of PRC 4428 listed on page 9.

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7. Contractor is responsible for any patrols to prevent escape until the unit/project is accepted by the project contractor.
8. Units will be considered complete and available for full payment upon project forester inspection that no heat and/or smoke are present from burned piles.
9. Burning shall occur upon receipt of, and in accordance to, an approved Placer County Air Pollution Control District Burn Permit. The burn permit is the responsibility of the Contractor.
10. Prior to ignition, Contractor shall receive an approved LE-5 permit from CAL FIRE.
11. In order to achieve an efficient and safe burn, Contractor shall allow for sufficient wet conditions before ignition and thus decrease the degree of burn creep and/or escape. Contractor shall supply the workforce necessary to ignite and manage the burning of piles.
12. Required Contacts Prior to Ignition:
 - a. Brad Chisholm. Chief, Olympic Valley Fire Department: 530-386-1720, bchisholm@olympicvalleyfire.org
 - b. Danielle Bradfield, RPF: 530-927-7095, danielle@rfforestry.org

Treatment of Designated Trees

1. The CONTRACTOR shall make every effort to conduct the felling operations to prevent careless or unnecessary damage of unmarked trees, young growth and leave trees. All designated trees shall be felled and removed to the landing for processing.
2. All damaged trees over 5 inches DBH will be ignored relative to spacing requirements. Trees less than five (5) inches in diameter and damaged during operations shall be cut and disposed of as slash. Trees, in the judgment of the RPF, that have been accidentally cut or damaged as a result of the Contractor's operations, may be designated for cutting by the RPF, and if so designated shall be treated for cutting under the terms herein.
3. Complete treatment of designated trees and slash will be accomplished by removal, chipping, pile burning, or a combination of these methods, See requirements for treatment of slash and other vegetative debris as specified within this Scope of Work.
4. Stumps shall be cut as low as possible during initial felling and in no case shall be over 6 inches on the uphill side except where more height is needed to ensure safe working conditions and approved by the RPF.

General Provisions/BMP

1. Contractor does not have the discretion to make changes to treatment area or prescription.
2. All roads and foot trails must be returned to their original condition at the Contractor's expense. This may include roads that possess crushed aggregate to be replaced should rock be displaced, wallowed out, or otherwise damaged. Contractor is advised to instruct drivers to proceed at the slowest speed possible for safety, dust reduction, and to avoid unnecessary damage.
3. Ditches, culverts, and all other drainage facilities shall be maintained so they will be functional at all times.

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4. Driveways and roads utilized during operations shall be swept or otherwise cleared prior to the conclusion of each day to remain passable. It is advised that Contractor photograph any private driveway utilized for operations prior to commencement.
5. Operations shall be conducted during daylight hours beginning no earlier than 7:00 am Monday-Friday unless otherwise indicated by the RPF or designee.
6. Prior to working during the winter period (Nov.15 –April 1 annually) or during wet conditions, the Contractor shall receive approval from the RPF or designee to begin work so soil conditions can be determined prior to operations. Soils inspections may be required on a daily basis to prevent operations from occurring during periods of saturated soil conditions, evidenced by:
 - a. Reduced traction by equipment as indicated by spinning or churning of tracks in excess of normal performance.
 - b. Inadequate traction without blading wet soil.
 - c. Soil displacement in amounts that cause visible increase in turbidity of the downstream waters in receiving Class I-IV waters, or in amounts sufficient to cause a turbidity increase in drainage facilities that discharge into Class I –IV waters.
 - d. Creation of ruts greater than would be normal following a light rainfall.
7. Winter operations will only be allowed upon approval by the RPF, during extended dry periods and hard frozen conditions as per 14 CCR. 895.
8. Operations may be limited by weather. To prevent unacceptable impacts to the watershed, soils, leave trees, or roads, wet season operations will be in consultation with the RPF.
9. Berms created from equipment movements that are greater than 8" in height of soil (not litter/duff) must be dispersed or brushed over to even out the surface.
10. Operations shall be conducted to prevent soil and vegetative debris from entering paved roadways. If soil or debris accumulates on paved roadways, soil shall be swept off daily, especially if a rain event is forecasted.
11. Should the Contractor need to control traffic for their operations, traffic control personnel shall be provided at the expense of the Contractor.
12. The Contractor shall maintain all work sites at all times in a safe and clean condition.
13. The Contractor shall be entirely responsible for any damage that their operations cause to public property, and boundary landmarks. Roads, curbs, fences, utilities, or other permanent improvements that are damaged shall be repaired by the Contractor to the condition that existed before the commencement of the contract work. Work shall be conducted so as to prevent treated material from hitting project area structures, fences and other improvements, or survey landmarks.
14. Fences within the project area that must be removed for equipment access will be replaced upon conclusion of operations by the Contractor to the pretreatment condition.
15. Class 3 ELZ Equipment Crossings: Equipment crossings of Class III watercourses is allowed provided the watercourse is dry at the crossing location at the time of use. Crossings of Class 2 watercourses, wet or dry, is not allowed.

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16. Class 3 watercourse crossings must retain the original stream channel configuration upon conclusion of use.
17. Class 3 watercourse location shall be approved by the RPF.
18. Class 3 watercourse should be perpendicular to flow and avoid locations near joining tributaries.
19. Class 3 watercourse shall be cleaned out as soon as possible following treatment and will be implemented by October 15th of that year.
20. Class 3 watercourse used after November 15th annually will be upon approval of the RPF.
21. For operations during the extended wet weather and winter periods (Oct 15th – May 1st annually, crossings shall be cleaned out immediately upon conclusion of use).
22. Refueling and Servicing: Refueling will be conducted on areas located away from drainages, wetlands and other waterbodies so that threat of a spill entering a body would not occur through runoff or soil contamination and infiltration of fuels to ground waters.
23. All equipment used must be monitored for leaks. Spills must be immediately contained and spilled materials and/or contaminated soils must be properly disposed. A emergency spill kit adequate to contain spills that could result from onsite equipment must be at the project site at all times.
24. The Contractor shall provide for public safety when operating equipment within 300 feet of open roadways and designated trails by posting cautionary signs warning of hazardous work ahead.
25. Post "WARNING" signs 500 feet on either side of the operational area along main access roads. Example of wording: "WARNING-EQUIPMENT WORKING–STAY BACK 300 FEET".
26. Signs shall be no less than 3 feet X 3 feet in size. Lettering shall be at least 6 inches in height.
27. A pre-operational meeting will be held with the project contractor, crew foreman, and equipment operator to discuss all treatment methods and mitigations.
28. Project oversight will be given by the project forester to ensure compliance with the aforementioned specifications. This oversight shall not supplant the Contractor's responsibility for their operations and quality control.
29. Upon conclusion of operations, all equipment, trucks, and materials belonging to the Contractor or any/all subcontractors shall be removed from the project area within 5 calendar days unless an alternative arrangement has been made in consultation with the RPF or designee.
30. Contractor shall contact the project contractor if there will be any delay in operations that exceeds 2 business days.
31. Prior to operations, any/all subcontractors hired by the Prime Contractor shall be approved by the OVPSD and must meet all Contractor qualifications of the OVPSD.
32. Equipment shall not operate between the hours of 1:00 pm and 8:00 pm on days designated as "Red Flag Warning" by the national weather service:
<https://www.wrh.noaa.gov/fire2/?wfo=rev>. This forecast shall be consulted each evening in the next day's forecast.

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33. For fire prevention measures when the fire weather forecast is HIGH or EXTREME, the operator shall check chipping equipment hourly and walk areas they have been working, checking for smoke or fire. A designated watchman shall oversee the entire operating area, watching for fires, for at least two hours after the equipment has shutdown.
34. Fire suppression equipment, as required by Cal Fire (PRC 4428), shall be on site if operations occur during fire season. Said requirements are as follows:
- a. On any such operation, a sealed box of tools shall be located, within the operating area, at a point accessible in the event of a fire. This fire toolbox shall contain one backpack pump-type fire extinguisher filled with water, two axes, two McLeod fire tools, and a sufficient number of shovels so that each employee at the operation can be equipped to fight a fire.
 - b. One or more serviceable chainsaws of three and one-half or more horsepower with a cutting bar 20 inches in length or longer shall be immediately available within the operating area, or, in the alternative, a full set of timber-felling tools shall be located in the fire toolbox, including one crosscut falling saw six feet in length, one double-bit ax with a 36-inch handle, one sledge hammer or maul with a head weight of six, or more, pounds and a handle length of 32 inches, or more, and not less than two falling wedges.
 - c. Each rail speeder and passenger vehicle used on such operation shall be equipped with one shovel and one ax, and any other vehicle used on the operation shall be equipped with one shovel. Each tractor used in such operation shall be equipped with one shovel.

35. Flagging Scheme:

| Flagging Color | Description |
|-----------------------|--|
| Red | Project Boundary, do not cross |
| Blue | Class 1 and 2 Watercourse Equipment Exclusion Zone, no operations. |
| Blue and white stripe | Class 3 watercourse, Equipment Limitation Zone |

36. The total acreage of the project may be increased or decreased to align with the amount of funding available.
37. Contractor must not enter private property without permission and/or clear written communication from Olympic Valley Public Service District. The District is securing the right of entry agreements with the private landowners. These will be provided to the contractor.

Exhibit 1: General Vicinity Map

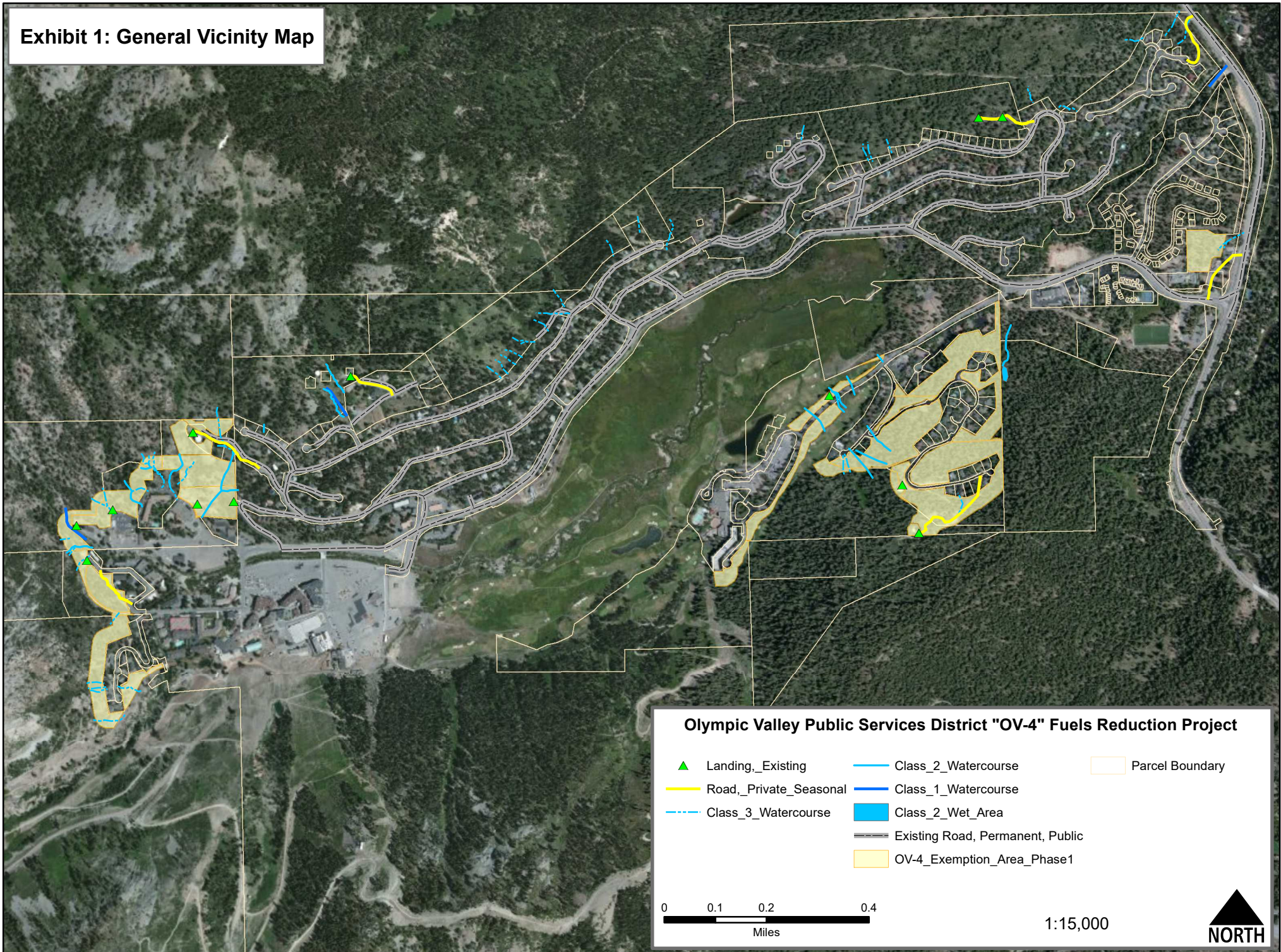


Exhibit 2: Project Map - West

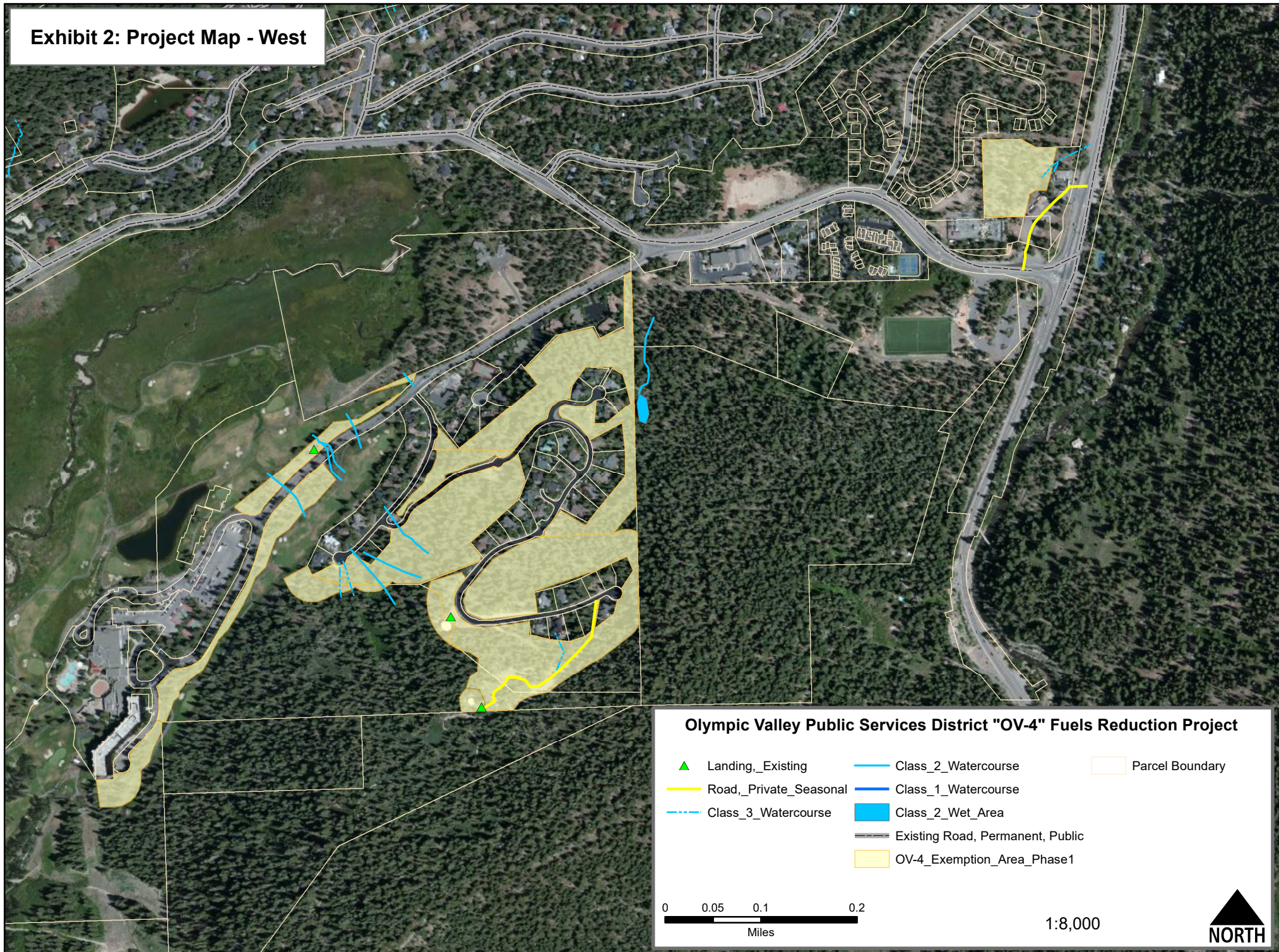


Exhibit 3: Project Map - East

