

**Request for Proposals**  
**Eldorado National Forest Invasive Plant Treatments**  
**Eldorado National Forest, California**

**Background and Statement of Work:** The Project plans to treat 29 priority invasive plant infestations totaling 95.6 acres across the Eldorado National Forest. The specific treatments will consist of foliar herbicide application utilizing a backpack sprayer or vehicle mounted sprayer. The project will also involve surveying and treating infestations along 16.8 miles of Forest Service roads where targeted species have been identified.

**Information Requested**

If interested in submitting a bid for this project, please provide a proposal for the above statement of work by providing:

- technical approach
- work experience
- cost
- capacity for this project
- experience in similar projects

Specific requirements are detailed below.

**I. PROJECT OVERVIEW AND REQUIREMENTS**

**General Specifications**

(a) Description of Work – This Request for Proposals is for restoration services related to invasive weed treatments, including the following:

1. Treatments - Treatments would consist of targeted backpack herbicide application using either glyphosate, aminopyralid, clopyralid, or triclopyr with a methylated seed oil as the surfactant. Where appropriate, hand treatment may also occur if infestation is small (< 25 plants) and could be effectively treated without herbicides. All treatments shall adhere to applicable design features and mitigations included in the Forest Invasive Plant Environmental Assessment (EA) and follow all State and Federal laws and regulations governing the use of herbicides in California. Further treatment specifications include:

- i. At least 90% of target species within the mapped infestation is correctly treated and/or physically removed.
  - ii. Treatments are conducted at the appropriate time for effective control with the appropriate herbicide.
  - iii. Manual treatment of invasive plant infestations includes hand-pulling or digging plants out of the ground, and bagging and removing any viable propagative parts (flowers, fruits, seeds, etc.). Non-propagative plant parts (e.g. stems, leaves, etc) may be piled and left on site where roots are not in contact with the ground.
  - iv. Daily logs are completed in the field and include all required fields (see monitoring and evaluation section below).
  - v. Public notice is clearly posted at each treatment site and correctly filled out.
  - vi. All treatments are submitted to the appropriate County Department of Agriculture by the 10th of the month during the project.
2. Sites/Acres - The Forest Service has identified 29 areas for treatment totaling approximately 95.6 acres. Sites occur between 2,560 and 6,505 feet and are accessible by Forest System roads. GIS data for treatment areas are available upon request. Contractor will need to coordinate with the Forest Service to identify appropriate treatment window for the various infestations, but treatments will likely need to occur between April and July. The project would also include surveying and treating infestations along 16.8 miles of Forest Service roads where targeted species have been detected but the full extent of the infestation is currently unknown. Please refer to Appendix A: Project Map for an overview of the project area and Appendix B: Treatment and Survey Table for information about each area and treatment timing window.
3. Design Features - Protected areas will be designated by the Forest Service prior to initiating treatment. They may be designated by description, by contract map, by flagging on the ground, or a combination thereof. No treatment shall occur within protected areas. Contractor personnel are prohibited from entering protected areas. Additionally, the contractor will be provided with a copy of the Forest Service Pesticide Spill Plan which must be followed in the event of a pesticide spill. General Design features for herbicide application include:
  - i. Herbicides will be used in accordance with label instructions, except where Project Design Features describe more restrictive measures. Herbicide applications will treat only the minimum area necessary to meet project objectives.
  - ii. Prior to the start of application, all spray equipment would be calibrated to ensure the accuracy of delivered amounts of pesticide. Regularly inspect equipment used during pesticide application to ensure it is in proper working order.
  - iii. Herbicides will be applied by trained and/or certified applicators in accordance with label instructions and applicable federal and state pesticide laws. Label instructions include precautions on application under certain wind, temperature, precipitation, and other weather conditions to reduce drift, volatilization, leaching, or runoff.

- iv. Herbicide spray applications will not occur when wind velocity is five miles per hour or greater. A weather kit will be carried by applicators and weather conditions (wind speed and direction, precipitation, precipitation probability, temperature, temperature inversions, atmospheric stability, and humidity) will be monitored periodically by trained personnel during herbicide applications to minimize drift, volatilization, and leaching or surface runoff of herbicides, based on label precautions. Prior to beginning work, applicators will be provided with information on local terrain and wind patterns and how they affect spray drift.
- v. Herbicide applications will not be conducted during rain nor immediately following rain when soil is saturated or runoff or standing water is present. Application will occur only under favorable weather conditions, defined as:
  - 1. 30% or less chance of precipitation on the day of application based upon NOAA weather forecasting, and
  - 2. If rain, showers, or light rains are predicted within 48 hours, the amount of rain predicted shall be no more than ¼ inch of rain, and
  - 3. Rain does not appear likely at the time of application.
- vi. Preparation of herbicides for application, including mixing, filling of wands and rinsing of spray equipment, will take place outside of Riparian Conservation Areas and other sensitive sites, and more than 300 feet from surface water. Herbicide preparation will occur only on level, disturbed sites such as the interior of landings. Water drafting from aquatic features will not utilize equipment that has been in contact with herbicides. A screen-covered drafting box is required for water withdrawal from water holes, ponds, and streams.
- vii. A spill cleanup kit will be readily available whenever herbicides are transported or stored.
- viii. Low nozzle pressure (<25 PSI), and a coarse spray (producing a median droplet diameter of >500 microns) will be used to minimize drift during herbicide applications.
- ix. When invasive plants are grubbed or manually removed, methods that prevent seed spread or resprouting will be used. If flowers or seeds are present, the weed will be pulled carefully to prevent seeds from falling and will be placed in an appropriate container for disposal. If flowers and seedheads are not present or are removed and disposed of as described above, the invasive plant may be pulled and placed on the ground to dry out.
- x. Equipment, vehicles, and personnel involved in invasive plant treatments will be cleaned prior to moving from one plant infestation to another. All equipment will be cleaned to ensure it is free of soil, seeds, vegetative matter, or other debris before entering new treatment areas.

#### 4. Monitoring and Evaluation –

- i. *Reporting:* Daily treatment logs will be kept and provided to the Forest Service weekly during the contract period. Daily logs will follow the template provided in Appendix C. Upon project completion a final GIS layer will be provided following the template.
- ii. *Evaluation:* Work will be deemed acceptable when all the treatments are completed, all the data is submitted, and the inspection shows the work is fully compliant with technical specifications. No payment will be made if treatments are not fully completed or provided daily log is missing data. If the completed work is determined by the Forest Service inspector to have significant errors during the inspection, rework and reinspection may be required.

Formal inspections of completed treatments will be completed as deemed necessary by the Forest Service. The inspector will conduct site visits to ensure that data submitted is consistent with conditions on the ground. Formal inspection will be done randomly throughout the project boundary to ensure the Contractor is within compliance of the contract specifications. The inspectors may meet with the Contractor or designated representative in the field throughout the project to ensure ongoing compliance. Each inspection will determine the following:

1. Identified restriction areas were avoided.
2. Application area adequately covered targeted infestation(s).
3. At least 90% of target species within the mapped infestation are correctly treated and/or physically removed.

*Pre-work meeting:* Prior to the start of treatments the Contractor shall meet with the Forest Service to agree upon the treatment schedule, clarify protocols and expectations, and familiarize themselves with the project area. The Contractor may also conduct a field reconnaissance of the treatment area to familiarize themselves with the project area. During the pre-work meeting, site specific plans will be finalized for each infestation and will include treatment prescriptions (herbicide, timing, application rate) review of environmental constraints, plan for flagging protection areas (to be completed by Forest Service) and proposed schedule for treatments.

The Contractor shall identify what they can supply in terms of materials, labor, equipment, supplies, supervision, quality control, and incidentals required to complete the work described. The Contractor shall perform all work in a safe and conscientious manner.

(b) Project Location – The project is located in the Eldorado National Forest, Amador, El Dorado County, and Placer California. Work sites may be accessed by Forest Service roads. Please refer to Appendix A: Project Map for specific locations.

(c) Work Schedule – Treatments shall occur from April to July. The work schedule may be extended pending future funding. Refer to Appendix B: Treatment Locations for specific treatment timing. The contractor must coordinate with the Forest Service to determine the appropriate treatment windows for the various infestations.

## Other Project Requirements and Specifications

- (a) Utilities – In many locations there will be no or limited sanitation, water, electrical or housing services available. The Contractor shall make its own arrangements for temporary facilities if needed.
- (b) Specifications – Project work shall be accomplished in accordance with the following:
  - 1. Restrictions on Work: Work may be performed at any time during the period of the contract, except as outlined here. Restrictions are as follows:
    - i. When the Forest Service determines that adverse weather has made access too dangerous or that continued vehicular travel would cause unacceptable road damage.
    - ii. Work shall be performed only when the Forest Service is present on the work site.
    - iii. Work shall not be performed before 6:00 a.m. or after 6:00 p.m.
    - iv. Work shall not be performed on Sundays or Federal Holidays.
    - v. Work shall be performed only when the Forest Service determines that target vegetation is in an appropriate stage of growth for the herbicide application to be effective.
    - vi. The Forest Service will determine the sequence in which each infestation will be treated. Each infestation shall be completed prior to starting work on the next infestation.
  - 2. Cleanup: The Contractor shall be responsible for washing and cleaning out all equipment at the end of each workday. The exact location for cleanup will be selected by the Forest Service.
    - i. The Contractor shall use soft material such as bristle to clean the nozzles. Wire shall not be used.
    - ii. Under no circumstances shall sprayers, containers, clothing, personnel or other contaminated materials be washed in any stream, lake, reservoir, or other surface water.
  - 3. Batching of Herbicide Mix: Contractor shall do all batching of herbicide mix and conform to label instructions and safety requirements. All batching of herbicide mix shall be done in the presence of the Forest Service or their representative at the work site. The batching location will be designated by the Forest Service. When drafting water into the clean water tank, the batch tank and any containers of herbicide concentrate shall remain at the approved batching location. The Contractor shall use only water sources approved by the Forest Service.
  - 4. Storing and Transporting Herbicides: All unattended herbicide concentrate shall be stored under lock and key in its original container. The Contractor shall work with the Forest Service to ensure a minimal amount of herbicide mix is moved between treatment units.
  - 5. Disposal of Containers: The Contractor shall dispose of the containers in the following manner:

- i. All containers shall be triple rinsed, with clean water, on the work site. The rinse water shall be disposed of by placing it in the batch tank.
  - ii. Used containers, except those that are returnable, shall be punctured on the top and bottom to render them unusable.
  - iii. A log of the containers and how they were rinsed and where they were disposed of shall be made available to the Forest Service.
  - iv. Certification of disposal at an approved dump or a receipt from the point of redemption on returnable containers is required.
- 6. Herbicide Spills: If a spill occurs, the contractor shall:
  - i. Take action immediately to contain the spill.
  - ii. Notify the Forest Service Representative on site.
  - iii. Be under the control of the Forest Service Representative during the spill clean-up.
  - iv. Be liable for all costs of damages, clean-up, and decontamination.
- 7. Licensing and Safety Requirements: The Contractor shall have a current State of California Agriculture Pest Control Operator License including Category "E" (Forest), and Pest Control Business License, prior to the award of contract. The Contractor shall register this State License with the appropriate County Agriculture Commissioner(s) prior to beginning work. The Contractor shall be required to provide the following:
  - i. Required permits.
  - ii. Complete and file all reports, with a copy to the Forest Service.
  - iii. Complete any other incidental requirements.
  - iv. The Contractor's authorized representative(s) on site must, at a minimum, be a State of California Certified Pesticide Applicator.
  - v. The Contractor shall comply with the State of California Safety Orders found under the California Administrative Code and with the requirements of the Federal Worker Protection Standards (40 CFR, part 170). For further information regarding licensing requirements contact the California Department of Pesticide Regulation at (916) 445-4038, or online at [www.cdpr.ca.gov](http://www.cdpr.ca.gov).
- 8. Required Materials:
  - i. Herbicide: The contractor shall provide the following herbicides, surfactants, and dye: a 53.8% glyphosate herbicide formulation without an integrated surfactant. E.g. Roundup Custom (EPA Reg. No. 524-343), or equivalent. A 40.6% aminopyralid herbicide formulation. E.g. Milestone (EPA Reg. No. 62719-519). A 40.9% clopyralid herbicide formulation. E.g. Transline (EPA Reg. No. 62719.259). A 54.72 triclopyr choline herbicide formulation. E.g. Vastlan (EPA Reg. No.62719-687).
  - ii. Surfactant: A methylated seed oil. E.g. Competitor (CA Reg. No 2935-50173), or equivalent.

- iii. Dye: A blue colored water-soluble marking dye. E.g. Highlight Blue, or equivalent. All herbicides and adjuvants shall be provided in factory sealed containers no larger than 2.5 gallons each. Proposed equivalent herbicides, adjuvants, and dye may be substituted only as approved by the Forest Service. Contractor shall provide clean water for the wash down packs.
- iv. Backpack sprayers – shall have an adjustable pressure regulator or a pressure gauge mounted on the spray wand. All sprayers shall be equipped with a "TeeJet" XR80-04VS spray tip or equivalent, with a 50 mesh screen. Plastic, brass, or aluminum spray tip nozzles shall not be used.
- v. Clean water tank – shall be a tank exclusively for clean water, having a back flow prevention device or proper air gap filling apparatus. The water tank and all drafting equipment must be free of pesticide and dye residue.
- vi. Locked storage area for herbicide and containers.
- vii. Spill kit containing a minimum of 25 pounds of absorbent material such as kitty litter, two 30-gallon, 4 mil polyethylene garbage bags with ties, and 2 shovels.

Contractor shall provide all other supplies and incidentals necessary to accomplish the required contract work while complying with herbicide label directions, pesticide application license requirements, and worker safety protection standards.

- 9. Optional Materials: Vehicle mounted sprayer – a vehicle mounted sprayer may be used but is not required. Vehicle mounted sprayer would only be used when approved by the Forest Service representative for select sites. If used, the vehicle mounted sprayer needs to meet the requirements for backpack sprayer and be set up with a hose and spray wand. Spraying directly from a vehicle with a boom is not allowed.
- 10. Calibration and Equipment Check: Prior to and during work the Forest Service reserves the right to inspect, test, and approve equipment. For example, the Forest Service will check for cracked hoses, worn seals, and leaks. Prior to and during work the Forest Service reserves the right to test and inspect the herbicide concentration and mixture. Prior to and during work the Contractor shall be required to calibrate his equipment in the presence of the Forest Service.
- 11. Herbicide Mix Specification: Herbicide formulations and mix specifications will be approved by the Forest Service for each treatment area during the pre-work meeting with contractor. Selected herbicides and proposed application rates will be dependent upon target species and other site conditions and must comply with conditions outlined in the Eldorado Forest wide invasive plant EA as well as all Label requirements.

### **Insurance Requirements**

Upon selection of the winning bid, the Contractor agrees that it has and shall maintain the following insurance coverage indicated below. The effective date of all coverage shall precede the start of any work.

- a. State minimum workers' compensation insurance coverage for its employees, if any.

- b. Broad form general liability, property damage, and automotive liability insurance in the minimum amount of \$1,000,000 for bodily injury, death, or damage to property of any person and \$2,000,000 for bodily injury, death, or damage to property of more than one person. The Contractor shall name NFF an Additional Named Insured and provide NFF with a certificate of insurance evidencing such coverages, prior to the initiation of the Scope of Services.
- c. If the Scope of Services includes professional services as identified herein, Contractor shall also provide professional errors and omissions liability insurance. Professional services for purposes of this section include, but are not limited to performing architecture, engineering, landscape architecture, land surveying or planning, preparation and signing or stamping of drawings, maps, surveys or construction specifications, or design and development of computer software, programs or websites by the Contractor or by subcontractors on behalf of the Contractor, for which professional liability insurance would typically be required. The minimum coverage limits required are \$1,000,000 for each claim and \$1,000,000 annual aggregate.

### **Prohibited Telecommunications Services and Equipment**

The Contractor is responsible for compliance with the prohibition on certain telecommunications and video surveillance services or equipment identified in 2 CFR 200.216.

### **Payment/Performance Security**

Contractor shall post cash, a letter of credit, bond, or other financial security that is easily convertible into cash in a form acceptable to the NFF, in its sole determination, to assure completion of the work required under any subsequent agreement and payment of all amounts lawfully due to all persons supplying or furnishing to the Contractor or Contractor's subcontractors with labor, laborers, materials, rental machinery, tools or equipment used or to perform the work. Contractor may incorporate required associated costs into mobilization costs or other approved expenses.

- a. Work that is classified as construction in accordance with the Miller Act or Little Miller Act or if required per conditions of the funding source, payment and performance bonding will be required in the full amount of any Agreement. For the purposes of this Request for Proposal, construction is defined as "any contract greater than \$100,000 for the construction, alteration, or repair of any public building or public work where the federal government is the owner", or
- b. If Contractor is not self-performing at least 85% of the total contract value or if the cost of materials is in excess of the larger of \$100,000 or 50% of the contract total, payment and performance bonding will be required in the full amount of the agreement, or
- c. If the value of the agreement is in excess of \$250,000, Contractor will be required to post financial security in a form acceptable to the NFF in the amount of 5% of the total agreement value up to \$250,000 in total financial security.

### **Federal Exclusion Verification**

The selected Contractor will be required to affirm that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from



participation in this transaction by any Federal department or agency.

**Federal Flowdown Provisions**

Flowdown Requirements: Any Agreement associated with this RFP may be subject to flowdown requirements under associated federal or state funding agreements, which are included and made part of by this reference (see Appendix D).

**Competitive Range**

The expected competitive range for bids to this solicitation is \$243,200 to \$304,000

**II. REQUIRED COMPONENTS**

**Technical Proposal**

Please provide a detailed technical approach to the work.

**Contractor Qualifications**

- I. Past Experience – Please provide a brief explanation of previous work experience with land management agencies.
- II. References – Please provide three professional references that can speak to past performance.

**Pricing Schedule**

Contractor shall price work according to the schedule below.

	<b>Task/Item</b>	<b>Unit</b>	<b>Unit value</b>	<b>Cost Per Unit</b>	<b>Total Cost</b>
<b>Treatment</b>	42 milestone tract	acres	1.61		
	Bear Meadow	acres	2.14		
	Bear Meadow Loop	acres	0.09		
	Bridal Veil landing	acres	1.6		
	Cable Rd new oblong spurge	acres	0.25		
	Cable Road Spanish broom	acres	0.07		
	Ellicott Bridge	acres	19.7		
	Ellis Road	acres	3.78		

	Forebay Road	acres	3.28		
	Fry Creek Scotch	acres	0.47		
	Gilberts knapweed	acres	1.51		
	Grizzly Flat fire station CESTM	acres	0.17		
	Grizzly Flat Helipad	acres	0.15		
	Highway 50	acres	11.72		
	Kyburz Dump	acres	3.32		
	Long Canyon Quarry	acres	7.72		
	MET	acres	6.07		
	MET and Bonetti	acres	0.82		
	MET info center	acres	0.36		
	MET Jointed Goatgrass	acres	0.09		
	MET landing	acres	1.24		
	North South Road	acres	2.74		
	Panther Creek French Broom	acres	10.54		
	Picket Pin	acres	3.16		
	Plum Creek Landing	acres	3.07		
	South Beaver Landing	acres	0.64		
	Stonebreaker	acres	0.74		
	Tragedy	acres	4.9		
	Van Horn	acres	3.7		
<b>Survey</b>	Bear Meadow Loop	miles	6.3		
	Ellis Road PORE	miles	2.0		
	North South PORE	miles	5.0		
	Gilberts Knapweed	miles	3.5		
				<b>Total Bid:</b>	

### III. SUBMISSION, EVALUATION, AND CONTACTS

#### Contractor Selection Process

This is a request for proposals only and bids furnished are not offers from the National Forest Foundation. This request does not commit the National Forest Foundation to pay any costs incurred in the preparation or submission of the proposal or to contract for supplies or services.

The NFF will use the Evaluation Factors below to review each submitted bid. Based on the outcomes of that selection process, the NFF will notify successful and unsuccessful bidders by November 4, 2024 and will prepare a separate contract document.

#### Evaluation Factors and Relative Importance

The following criteria will be used in the evaluation of submitted proposals, ordered from highest weighting (level 3) to lowest weighting (level 1).

##### Level 3 Criteria

- Price / cost
- Equipment and contractor capability
- Timing of when contractor can begin and/or finish the project
- Past performance, references, and USFS feedback

##### Level 2 Criteria

- Technical proposal / proposed approach to project
- Overall strategic benefits to meeting NFF goals and grant needs, requirements, and timelines

##### Level 1 Criteria

- Benefits to the local community
- Relationship to local community

#### Pre-bid Site Visit

The Forest Service will host an optional site visit on Thursday, September 26, 2024, at 9:00 am. Please meet at the Placerville Ranger District (4260 Eight Mile Road Camino, CA 95709). The group will travel together to the project site from there.

#### Point of Contact

Please submit any questions about the project in writing to the Point of Contact.

Samantha Carranza  
National Forest Foundation Southern California Program Senior Associate  
[scarranza@nationalforests.org](mailto:scarranza@nationalforests.org)

Responses will be shared with known interested parties by email or otherwise posted at <https://www.nationalforests.org/rfp>.

**Bid Submission**

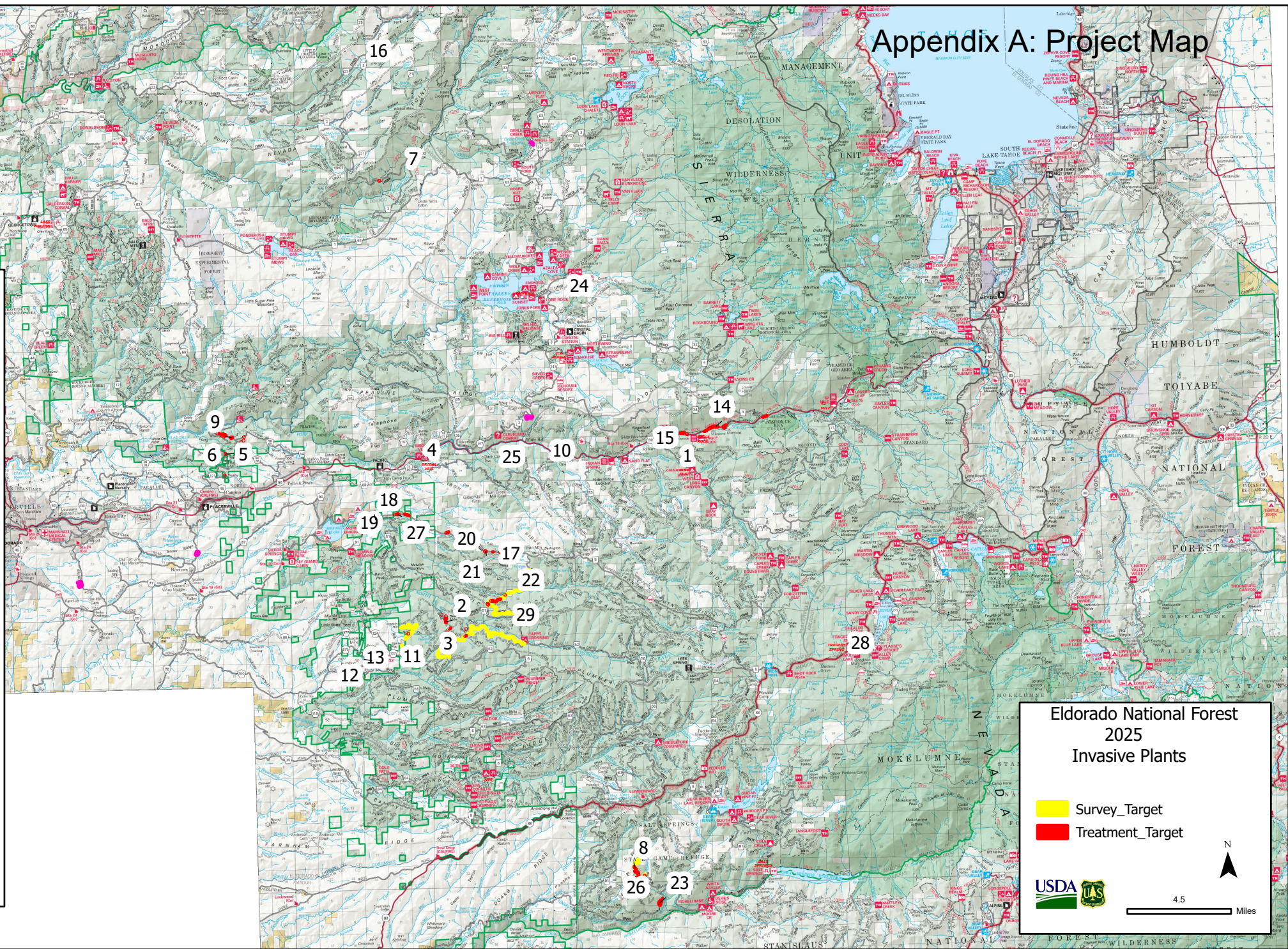
Submit bids via email to [scarranza@nationalforests.org](mailto:scarranza@nationalforests.org) by October 21, 2024.

**Equal Opportunity Provider**

In accordance with Federal law and U.S. Department of Agriculture policy, the National Forest Foundation is prohibited from discriminating on the basis of race, color, national origin, sex, age, religion, political beliefs, or disability.



# Appendix A: Project Map


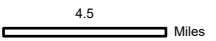
Id	SiteName
1	42 milestone tract
2	Bear Meadow
3	Bear Meadow Loop
4	Bridal Veil landing
5	Cable Rd new oblong spurge
6	Cable Road Spanish broom
7	Ellicot Bridge
8	Ellis Road
9	Forebay Road
10	Fry Creek Scotch
11	Gilberts knapweed
12	Grizzly Flat fire station CESTM
13	Grizzly Flat Helipad
14	Highway 50
15	Kyburz Dump
16	Long Canyon Quarry
17	MET
18	MET and Bonetti
19	MET info center
20	MET Jointed Goatgrass
21	MET landing
22	North South Road
23	Panther Creek French Broom
24	Picket Pin
25	Plum Creek Landing
26	South Beaver Landing
27	Stonebreaker
28	Tragedy
29	Van Horn



**Eldorado National Forest  
2025  
Invasive Plants**

Survey\_Target  
 Treatment\_Target

## Appendix B: Treatment and Survey Table

### Treatment target table

SiteName	District	USDA Plants Symbol	Target Species	Timing	Acres
42 milestone tract	Placerville	EUOB	oblong spurge	June	1.61
Bear Meadow	Placerville	CEMA	spotted knapweed	June	2.14
Bear Meadow Loop	Placerville	CESTM	spotted knapweed	June	0.09
Bridal Veil landing	Placerville	LELA, CHJU, CESO3	perennial pepperweed, rush skeletonweed, Yellow starthistle	May	1.60
Cable Rd new oblong spurge	Placerville	EUOB	oblong spurge	June	0.25
Cable Road Spanish broom	Placerville	SPJU	Spanish broom	June	0.07
Ellicott Bridge	Georgetown	CYSC	Scotch broom	May- June	19.7
Ellis Road	Amador	PORE	sulfur cinquefoil	May- June	3.78
Forebay Road	Placerville	CYSC4	Scotch broom	June- July	3.28
Fry Creek Scotch	Placerville	CYSC	Scotch broom	June- July	0.47
Gilberts Knapweed	Placerville	CESTM	spotted knapweed	June	1.37
Gilberts knapweed	Placerville	CESTM	spotted knapweed	June	0.14
Grizzly Flat fire station CESTM	Placerville	CESTM	spotted knapweed	June	0.17
Grizzly Flat Helipad	Placerville	CESO3, TACA8	Yellow starthistle, medusahead	May	0.15
Highway 50	Placerville	CESO3	Yellow starthistle	May	11.72

Kyburz Dump	Placerville	CESO3,AETR	Yellow starthistle, barbed goatgrass	May- June	3.32
Long Canyon Quarry	Georgetown	CESO3, CHJU	Yellow starthistle, rush skeletonweed	May	7.72
MET	Placerville	CHJU	rush skeletonweed	May	6.07
MET and Bonetti	Placerville	CESO3 AETR	Yellow starthistle, barbed goatgrass	May	0.82
MET info center	Placerville	AETR	barbed goatgrass	May	0.36
MET Jointed Goatgrass	Placerville	AECY	jointed goatgrass	May	0.09
MET landing	Placerville	AETR, TACA	barbed goatgrass, medusahead grass	May	1.24
North South Road	Placerville	PORE	sulfur cinquefoil	May	2.74
Panther Creek French Broom	Amador	GEMO2	French broom	June- July	10.54
Picket Pin	Pacific	CHJU, MEAL, Area treat	rush skeletonweed, yellow sweet clover	May- June	3.16
Plum Creek Landing	Placerville	AETR	barbed goatgrass	May	3.07
South Beaver Landing	Amador	Medusahead, area treat	Medusahead	May	0.64
Stonebreaker	Placerville	CESO3, CHJU	Yellow starthistle, rush skeletonweed	May	0.74
Tragedy	Amador	HYPE, VETH, area treat	Klamath weed, mullein	June	4.90
Van Horn	Placerville	CHJU, HYPE, VETH, area treat	rush skeletonweed, Klamath weed, mullein	May- June	3.70
				sum	95.6

### **Survey target table**

<b>SiteName</b>	<b>District</b>	<b>USDA Plant Symbols</b>	<b>Target Species</b>	<b>Acres</b>	<b>Length (miles)</b>
Bear Meadow Loop	Placerville	CEMA	spotted knapweed	77.38	6.3
Ellis Road PORE	Amador	PORE	sulfur cinquefoil	29.97	2.0
North South PORE	Amador	PORE	sulfur cinquefoil	61.67	5.0
Gilberts Knapweed	Placerville	CEMA	spotted knapweed	43.59	3.5
		sum		212.61	16.80



### Appendix C

Invasive Feature required attributes		
Attribute	Value	notes
Treatment location	site name provided by Forest Service	
Target species	<a href="http://plants.usda.gov/">Uses USDA PLANTS database codes, which can be found at: http://plants.usda.gov/</a>	list multiple species when treatment targets multiple species within the same treatment location.
Treatment type	Herbicide or hand pulling	when recording a manual control action Chemical used, volume applied, % solution, and adjuvant used are left blank.
area treated		area treated (note: if multiple infestations are being treated only one record is required for the treatment)
units of measure	Acres or sq feet	
Chemical Used	Trade name of FS approved pesticide applied	
Volume Applied		the total volume of pesticide, adjuvant, and carrier sprayed
Unit of Measure	gallon, quart, or ounce	
% solution		The amount of chemical in the final mix expressed as a percentage of the total solution mixed in the tank. This value is typically a volume/volume ratio. Example: 1.0% solution is 1gal of product in 100 gallons of dilutant.
Adjuvant used	Trade name of FS approved Adjuvants applied	
Date	MM/DD/YYYY	
Start time		
Stop time		
Temperature	temperature during application (Farenheit)	
Wind speed	average windspeed measured at site (MPH)	
Wind Direction		
Applicator	full name of consultant that identified or monitored the infestation	

Comments		
Photos		ID of photos taken for site

Area surveyed Feature required attributes		
Attribute	Values	Notes
Survey ID	CaldorInv-XX	Each Survey area will be labeled starting with FPP-01. Survey IDs will start at the western edge of the project and will continue labeling units consecutively from west to east.
Visit Dates	MM/DD/YYYY	
Examiners		full names of all individuals that surveyed area
Comments		Any specific comments from the survey

Invasive Feature required attributes		
Attribute	Value	notes
Infestation	SpCode-CaldorInv-001 or existing Infestation ID for existing infestation.	Each new infestation will be labeled starting with NRCS plant codes followed by "FPP" and then assigned consecutive #s as found.
Date	MM/DD/YYYY	
Species Code	<a href="http://plants.usda.gov/">Uses USDA PLANTS database codes, which can be found at: http://plants.usda.gov/</a>	
Examiner(s)	full name of consultant that identified or monitored the infestation	
% Cover		
Count	Number of plants observed	
Phenology	preflowering, flowering, fruiting, senescent	
Comments		
Photos		ID of photos taken for site

## Appendix D

**NFF Funding Code: 1596072**

**NFF Funding Name: PA EDRR Invasive Plant Response CWM**

**Funder Agreement ID: 23-PA-11052000-052**

### Flowdown Provisions

#### **U.S. FOREST SERVICE ACKNOWLEDGED IN PUBLICATIONS, AUDIOVISUALS AND ELECTRONIC MEDIA.**

Award Recipient or Contractor shall acknowledge U.S. Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this agreement.

#### **PROHIBITION AGAINST INTERNAL CONFIDENTIAL AGREEMENTS.**

All non federal government entities working on this agreement will adhere to the below provisions found in the Consolidated Appropriations Act, 2016, Pub. L. 114-113, relating to reporting fraud, waste and abuse to authorities:

1. The recipient may not require its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
2. The recipient must notify its employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (a) of this award provision are no longer in effect.
3. The prohibition in paragraph (a) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
4. If the Government determines that the recipient is not in compliance with this award provision, it:
  - a. Will prohibit the recipient's use of funds under this award, in accordance with sections 743, 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law; and
  - b. May pursue other remedies available for the recipient's material failure to comply with award terms and conditions.