

Concow Resilience Project, Phase 2: Planting BID PACKET



Oct 29th, 2021

This Project is funded by the Sierra Nevada Conservancy, the United States Forest Service, CAL FIRE-CCI, and the Pacific Southwest Research Station (PWSRS).

Project Summary

In response to the impacts of the 2018 Camp Fire, The Concow Resilience Project will re-establish a mosaic of widely spaced woodlands, dominated by oak with some scattered pines, to prevent wide-scale type conversion from forestland to chaparral, and to study and monitor the success of the re-establishment effort. Site preparation for this project will involve mechanical site prep, manual site prep, chemical site prep, and hazard tree removal. The finished product will provide a landscape that is ready for planting and maintenance through utilization of prescribed fire.

Contractor's Obligations

The Bidder must analyze and respond to all sections for this Bid Packet providing sufficient information to allow the Butte County Resource Conservation District (BCRCD) to evaluate the bids. The Contractor, by submitting its bids, agrees that any costs incurred by the Contractor in responding to this Bid Packet, are to be borne by the contractor and may not be billed to the BCRCD.

The Bidder must complete and submit all attachments, in the order listed. If the BCRCD has any confusion or difficulty in retrieving the required information from a Contractor's bid, it may result in the disqualification of such bid.

Bid Submission Requirements

Submission of Bids:

Contractor should mail or hand deliver their sealed bid to the address listed below by Tuesday, November 30th at 5 PM. Hard copies or email will be accepted.

Butte County Resource Conservation District
150 Chuck Yeager Way, Suite A
Oroville, CA 95965

Or email: bcrccd@carcd.org

If submitting a hard copy, the envelope shall be plainly marked in the upper left-hand corner with the name and address of the bidder and shall bear the words "**Concow Resilience Project**".

Critical Dates

Pre-bid site visit

Contractors wishing to bid on this project must attend a **mandatory pre-bid meeting on Wednesday, November 17 at 9:00 AM** meeting at the intersection of Andy Mountain Road and Hwy 70 (Scooters Cafe). The pre-bid meeting is expected to last until noon.

Questions Regarding the Bid Packet

Contractors may submit questions by email to wolfy@bcrcd.org before Friday, November 26th at 5:00 PM. All pertinent questions will be answered and shared via email with all the other Contractors who attend the mandatory pre-bid site visit. The contractor understands and agrees that it has a duty to inquire about and clarify any Bid Packet questions that the Contractor does not fully understand or believes may be interpreted in more than one way. The BCRC D, however, is not required to answer questions that are not pertinent to the Bid Packet or are considered to be proprietary information.

Wolfy Rougle

Email: wolfy@bcrcd.org

Bid Due Date

Bids shall be received by the BCRC D on or before **Friday, December 10th at 5 PM** at the BCRC D address listed above. Late submissions will not be accepted.

Contract Dates

The Contractor shall not begin operation until the Notice to Proceed is issued. All work shall be completed based on the phases outlined in the project specifications. **All phases must be completed by April 30, 2023.**

Contractual Commitment of Bid

The contents of submitted bids will be considered obligations of the successful Contractor. No information should be submitted that is not intended to be incorporated into the bid and any contract which may result from such bid. If there is any inconsistency between the terms herein and any of the contract documents, the terms in the contract documents shall prevail.

Project Specifications

Contractor is expected to follow the project specifications, site plans, permit requirements, and all state, federal, and county laws and standards for this project. See project specifications below.

Planting on a total of 106 acres in spring 2022, plus planting on a total of 50 acres in spring 2023, for a total of 156 acres. See technical specifications below for details.

Task	Description	Units and Acres	Total Acres by Practice
Task 1: Planting 2022	Units already contain leave oaks and other select hardwoods, which count as planted trees.. Plant first-year containerized conifer seedlings on a 15' x 15' spacing,w/ allowable spacing variance of 50%. Do not overplant. Space the planted pines including the regenerating oaks and select other hardwoods (i.e. the leave trees), utilizing the same spacing. This should result in 150-200 TPA counting oaks and ponderosa combined.	Units 5, 6, 7, 8, 9, 10, and 11, to be completed about Feb 2022	106 ac; up to 22,874 trees.
Task 2: Planting 2023	Strategically plant 2-10 ac “founder stands” of first-year containerized ponderosa pine (PP) seedlings. Identify mesic microsites within unit, aiming for wetter slumps and deeper soils. Within these sites (clumps/clusters/founder sites): plant on a 20' spacing,w/ allowable spacing variance of 50%.	Unit 15, total of 50 plantable acres in 2-10 acre blocks scattered throughout unit; to be completed around March 2023	50 acres; up to 12,300 trees

Planting Specifications, 2022 Units

Stand-level Objectives: Establish/re-establish forested cover, via the artificial planting of ponderosa pine (PP) seedlings and the release/pruning of the best resprouting oaks and select other hardwoods, within identified treatment areas following the 2018 Camp Fire.

Instructions for planters: 22,874 trees are available to be planted. Site prep will have already been done, utilizing manual methods (lop and scatter, hand pile and burn where needed) and/or mechanical methods. Plant on a 15' x 15' spacing,w/ allowable spacing variance of 50%. Do not

overplant. Space the planted pines including the regenerating oaks and select other hardwoods (i.e. the leave trees), utilizing the same spacing. This should result in 150-200 TPA counting oaks and ponderosa combined. Utilize microsites (stumps and downed, large nurse logs, artificial shade) to assist in the protection of seedlings from trampling/herbivory and to minimize desiccation. Container (Styro 10D) 1-0 PP will be utilized; seed was collected from nearby seed source. Plant in late winter or early spring, aiming for a snow free site as soon as possible in 2022. Planters will aim for a final average density of 150-200 trees per acre (including oaks, the other hardwood leave trees, and planted conifers).

Other conditions and rules: If machinery needs to cross a creek/drainage, then place rock on roads at stream crossings and segments within identified RCAs (i.e., riparian corridors) to reduce the impact of sediment delivery to associated stream courses. Place rock, slash, or certified NNIP free mulch at the outlets of rolling dips and/or waterbars to dissipate water where identified by road engineer and soil scientist, and/or hydrologist.

Allow mechanical operations only when soil moisture conditions are such that compaction, gulying, and/or rutting will be minimal. Conduct ground based mechanical operations when soil is dry; that is, in the spring when soil moisture in the upper 8 inches is not sufficient to allow a soil sample to be squeezed and hold its shape, or will crumble when the hand is tapped. In the summer and early fall after storm event(s) when soil moisture between 2-8 inches in depth is not sufficient to allow a soil sample to be squeezed and hold its shape or will crumble when the hand is tapped. Off of designated skid trails, limit all equipment passes over the same piece of ground to reduce the potential for adverse soil compaction.

To reduce the potential for adverse cumulative watershed effects, implement state certified Best Management Practices (BMPs). Site specific BMPs applicable to this project (located in project record file) include BMP 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.19, 1.20, 1.21, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.11, 5.1, 5.2, 5.4, and 5.6. BMPs are available in the Pinyon box for the project.

Invasive weed management Clean all off-road equipment entering the project area if it may be coming from areas infested with nonnative invasive plants (NNIP). To the greatest extent feasible keep all equipment, vehicles, and supplies out of areas of known NNIP infestations, including any NNIP infestations along access routes and new infestations that may be discovered during project implementation. NNIP infestations may sometimes be flagged with bright orange “noxious weed” flagging. Any equipment, vehicles, and supplies that do come in contact with NNIP infestations (plants or the ground close to them) during project implementation should be

thoroughly cleaned of dirt, mud, and plant debris before entering any un-infested project area. Protect land survey signs and monuments, even if burned, or laying on the ground.

Planting Specifications, 2023 Units

Stand-level Objectives: Establish/re-establish forested cover while maintaining low fuel loads via the strategic artificial planting of ponderosa pine (PP) seedlings in 2-10 ac “founder stands” following the 2018 Camp Fire. 12,300 trees are available to be planted. Identify mesic microsites within unit, aiming for wetter slumps and deeper soils. Within these sites (clumps/clusters/founder sites): plant on a 20’ spacing, w/ allowable spacing variance of 50%. Utilize microsites (stumps and downed, large nurse logs, artificial shade) to assist in the protection of seedlings from trampling/herbivory and to minimize desiccation. Container (Styro 10D) 1-0 PP will be utilized. Plant in late winter or early spring, aiming for a snow free site as soon as possible in 2023 (as early as February). Do not overplant.

Other conditions and rules: If machinery needs to cross a creek/drainage, then place rock on roads at stream crossings and segments within identified RCAs (i.e., riparian corridors) to reduce the impact of sediment delivery to associated stream courses. Place rock, slash, or certified NNIP free mulch at the outlets of rolling dips and/or waterbars to dissipate water where identified by road engineer and soil scientist, and/or hydrologist.

Allow mechanical operations only when soil moisture conditions are such that compaction, gulying, and/or rutting will be minimal. Conduct ground based mechanical operations when soil is dry; that is, in the spring when soil moisture in the upper 8 inches is not sufficient to allow a soil sample to be squeezed and hold its shape, or will crumble when the hand is tapped. In the summer and early fall after storm event(s) when soil moisture between 2-8 inches in depth is not sufficient to allow a soil sample to be squeezed and hold its shape or will crumble when the hand is tapped. Off of designated skid trails, limit all equipment passes over the same piece of ground to reduce the potential for adverse soil compaction.

To reduce the potential for adverse cumulative watershed effects, implement state certified Best Management Practices (BMPs). Site specific BMPs applicable to this project (located in project record file) include BMP 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.19, 1.20, 1.21, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.11, 5.1, 5.2, 5.4, and 5.6. BMPs are available in the Pinyon box for the project.

Invasive weed management Clean all off-road equipment entering the project area if it may be coming from areas infested with nonnative invasive plants (NNIP). To the greatest extent feasible keep all equipment, vehicles, and supplies out of areas of known NNIP infestations,

including any NNIP infestations along access routes and new infestations that may be discovered during project implementation. NNIP infestations may sometimes be flagged with bright orange “noxious weed” flagging. Any equipment, vehicles, and supplies that do come in contact with NNIP infestations (plants or the ground close to them) during project implementation should be thoroughly cleaned of dirt, mud, and plant debris before entering any un-infested project area. Protect land survey signs and monuments, even if burned, or laying on the ground.

Payment Schedule

Contractor will be paid for expenses based on the invoices submitted on a monthly basis. The BCRCDC must receive invoices no later than the 10th of each month in order to adhere to the BCRCDC’s billing schedule. Payments will be made on a per-acre basis, following inspection of work. Work must be in compliance with specifications before payment will be made.

Payments to the contractors shall be paid within sixty (60) days from receipt of the funds by the BCRCDC from the funding agency.. BCRCDC will make every effort to expedite payment to the contractor.

Bid Details

This contract will not be awarded based solely on the lowest bid. This project requires experience and references as described in the Additional Information section under the subheading References & Required Experience.

The Contractor shall submit the bid for activities identified in this Bid Packet using the Bid Form Attachment. Bid may be rejected if the Bid Forms are not used or are incomplete.

Bids should reflect the following information:

Per acre bids with details by task:

- Task 1- Planting in 2022
- Task 2- Planting in 2023

Additional Information

Site Locations

The project is located on the Plumas National Forest, Feather River Ranger District, Oroville, CA. See maps in Exhibit A for more information.

Directions to the Project locations:

The project is located north-east of Oroville and just north of the Concow Community. To access the project site take CA-70 east from Oroville to the intersection of Hwy 70 and Andy Mountain Road (Scooters Cafe). Follow Rim Road (see attached maps).

Subcontracting

Any subcontractors must be identified along with the defined work they will perform on the bid form provided. The BCRCDC will not refuse a bid based on the use of subcontractors but does retain the right to refuse the subcontractors selected. Contractor shall remain solely responsible for all subcontracted work.

References & Required Experience

This project requires that the contractor has experience in planting, at least some of which must have been on federal lands. Contractor will provide proof of completion and references three (3) planting projects of similar size (as determined by the BCRCO Project Manager). References should speak to the contractor's experience in the type of work identified in the Project Specifications. References should include a contact name and current phone numbers.

Performance Bonding

The awarded Contractor will be required to provide a Performance Bond for 100% of the awarded amount.

Insurance:

The successful bidder will be required to provide BCRCO with proof of appropriate insurance.

Disputes:

Disputes regarding awarding of bids will be decided by the BCRCO Board. Written appeal must be received within 10 days of award.

Limited Operational Periods

"Allow mechanical operations only when soil moisture conditions are such that compaction, gully, and/or rutting will be minimal. Conduct ground based mechanical operations when soil is dry; that is, when soil moisture in the upper 8 inches (spring) or the upper 2-8 inches (summer and fall after rainstorm events) is not sufficient to allow a soil sample to be squeezed and hold its shape, or will crumble when the hand is tapped."

Maps and Measurements

The maps are provided as Attachments. They are intended to show only the general size, shape, and location of the areas. If the maps conflict with any field marking, the field markings shall govern. Positions of features are approximate. The units have been determined by Global Positioning Systems (GPS) and/or Geographic Information Systems (GIS). If re-measurement of the acreage is desired by the contractor, notification shall be made upon written request. Requests for re-measurement shall be made within 10 days after work has been completed on the unit.

Rework and Re-inspection after Rework

If inspection results are below 90%, payment may not be made until the problem has been corrected, unless the Project Manager determines that a reduction in pay in lieu of rework is acceptable.

Safety

When Contractor's operations are in progress adjacent to or on County or Forest Service Roads, Contractor shall furnish, install, and maintain all temporary traffic controls which provide the road user with adequate warning of hazardous or potentially hazardous conditions associated with Contractor's operations. Devices shall be specified as in the "Manual on Uniform Traffic Control Devices for Street

and Highway” (MUTCD). Devices shall be appropriate to current conditions and covered or removed when not needed.

Protection of Improvements and Survey Monuments

The Contractor shall avoid any damage to improvements such as, but not limited to: trails, telephone lines, pipelines, structures, roads, fences, gates, utility poles, power lines, pedestals, survey markers or monuments, and survey witness trees. The contractor will be required to repair or pay fair market value to replace any damaged improvements.

Attachments

- Bid Form Attachment No. 1: Contractor Information
- Bid Form Attachment No. 2: Proposed Sub-Contractors
- Bid Form Attachment No. 3: Bid Schedule
- Bid Form Attachment No. 4: Project Questionnaire
- Bid Form Attachment No. 5: Work Plan
- Exhibit A: Project Maps

Concow Resilience Project - Planting

Attachment 1- Contractor Information



Bid Due Date: **Tuesday, November 30th at 5 PM**

Company Name: _____

Company
Address: _____

Contact
Name: _____

Phone: _____ Email: _____

Federal ID or SSN#: _____ Years in Business: _____

References: Provide 3 references (at least one must be from a USFS-lands planting project), with contact names and phone numbers for each reference.

1. Contact Name: _____ Phone: _____
Business Name/ Client: _____

2. Contact Name: _____ Phone: _____
Business Name/ Client: _____

3. Contact Name: _____ Phone: _____
Business Name/ Client: _____

Bid Validity :Please specify the length of time this bid is valid for (minimum of 30 days). _____

Bid Information

Bidder agrees to accept as full payment the following total base bid price:

_____ dollars

(in words)

(in numerals)

In the event of a discrepancy, amount in words shall prevail.

The bidder hereby acknowledges that the total base bid price is based solely on the bidder’s own estimate of costs and includes all applicable taxes, overheads, and profit.

Contractor Signature _____

Concow Resilience Project
Attachment No. 2: Proposed Sub-Contractors



The BIDDER should submit with the Bid Form a listing of names and business addresses of subcontracting firms or businesses that will be awarded subcontractors for portions of Work as described above.

The Subcontractor list shall be completed and should include the following information:

1. Subcontractors, listing each subcontractor whose subcontract amount is more than 10 percent of the Contract price with whom the bidder, if awarded the Contract, will subcontract for performance.
2. The categories of work those subcontractors will perform on the Contract.

A bid will be considered non-responsive and will be rejected if the BIDDER does not correctly complete the Subcontract List contained herein and include this Proposed Subcontractor list with the Bid Form.

A. List of Subcontractors to be used

Subcontractor	Work	Dollar Amount	% of Total
1.			
2.			
3.			

Concow Resilience Project
Attachment No. 3 Bid Form



Task No.	Description	Qty	Unit	Unit Price	Total
1	Planting in 2022	106	acre		
2	Planting in 2023	50	acre		
	Total Bid Cost:				

Pay Items Description:

The bid price for this item shall include all equipment (except trees), manpower, mobilization, insurance, and bonding to complete the work described in the specifications. Trees will be provided by BCRCD/PNF.

Concow Resilience Project - Planting
Attachment No. 4: Project Questionnaire



Please initial _____ if the contractor has direct previous experience fulfilling labor compliance requirements, including, but not limited to, wage determinations, submission of payroll records, etc.

If no direct previous experience, please list below who will assist in meeting this requirement. Please include contact information and experience.

List and describe three similar projects contractor has successfully completed (at least one should be on USFS lands), provide contact information for client:

1. _____

2. _____

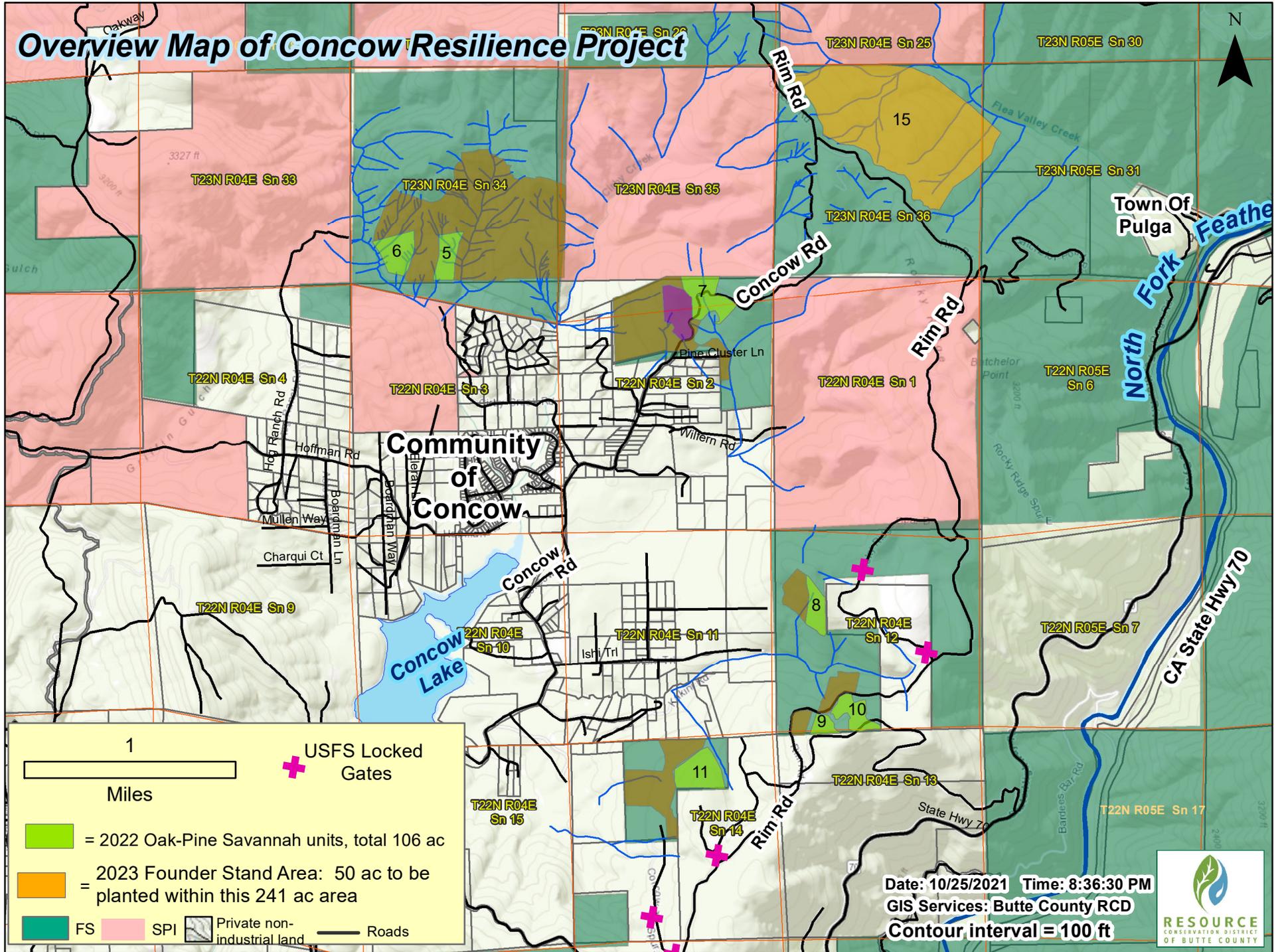
3. _____

Concow Resilience Project - Planting
Attachment No. 5 Work Plan



Please use the following space to describe in sufficient detail the work plan or methods you will employ to gain site access and accomplish the project according to specifications. This will include a full description of how the project will meet the site requirements and prevent damage to infrastructure. You may attach a written response to this packet if needed.

Overview Map of Concow Resilience Project



1 Miles

USFS Locked Gates

2022 Oak-Pine Savannah units, total 106 ac

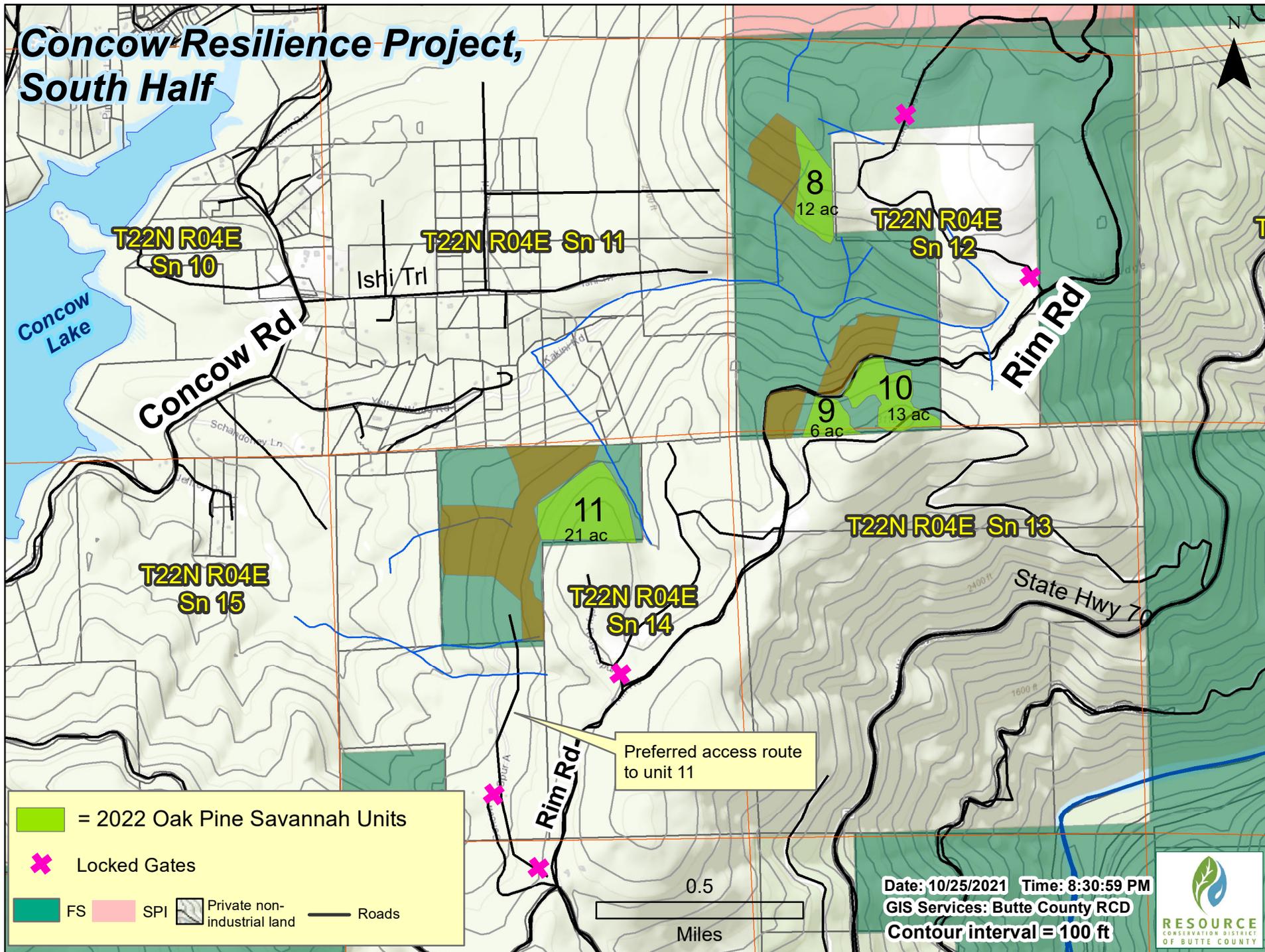
2023 Founder Stand Area: 50 ac to be planted within this 241 ac area

FS SPI Private non-industrial land Roads

Date: 10/25/2021 Time: 8:36:30 PM
 GIS Services: Butte County RCD
 Contour interval = 100 ft



Concow Resilience Project, South Half



Concow Resilience Project, North Half

