

MINUTE ITEM  
This Calendar Item No. C5  
was approved as Minute Item  
No. 5 by the State Lands  
Commission by a vote of 2  
to 0 at its 4-13-88  
meeting.

CALENDAR ITEM

A 2, 8

C 05

04/12/88  
W 24085  
Bjornsen

S 2, 4

SUCCESSFUL TREE PLANTING BIDDER

APPLICANT: Richard Tripp

Pursuant to the Commission authorization and the State CEQA Guidelines of Calendar Item No. 42, 03/02/88, for the expenditure of up to \$15,000 for tree planting on school land burned by the Lauder Creek Fire of 1987, the above-successful tree planter submitted a bid of \$9,775. Planting contract attached as Exhibit "A"

Ratification of this tree-planting contract, based upon the Commission's prior authorization, is requested.

STATUTORY AND OTHER REFERENCES:

- A. P.R.C.: Div. 6, Parts 1 and 2; Div. 13.
- B. Cal. Adm. Code: Title 2, Div. 3; Title 14, Div. 6.

AB 884: N/A.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commissioner's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15061), the staff has determined that this activity is exempt from the requirements of the CEQA as a categorical exempt project. The project is exempt under Class 4, Minor Alteration to Land, 2 Cal. Adm. Code 2905(d)(5).

Authority: P.R.C. 21084, 14 Cal. Adm. Code 15300, and 2 Cal. Adm. Code 2905.

2. Openings of bids occurred on March 11, 1988.

CALENDAR ITEM NO. C05 (CONT'D)

EXHIBIT: A. Tree-planting contract.

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT THE ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF THE CEQA PURSUANT TO 14 CAL. ADM. CODE 15061 AS A CATEGORICAL EXEMPT PROJECT, CLASS 4, MINOR ALTERATION TO LAND, 2 CAL. ADM. CODE 2905(d)(5).
2. RATIFY THE TREE-PLANTING CONTRACT WITH RICHARD TRIPP, THE SUCCESSFUL BIDDER, IN THE AMOUNT OF \$9,775, BASED UPON THE COMMISSION'S AUTHORIZATION AT ITS MARCH 2, 1988 MEETING.

**STANDARD AGREEMENT** — APPROVED BY THE ATTORNEY GENERAL

EXHIBIT A

STATE OF CALIFORNIA  
STD 2 (REV 2/85)

- CONTRACTOR
- STATE AGENCY
- DEPT. OF GEN. SER.
- CONTROLLER
- 
- 
- 

THIS AGREEMENT, made and entered into this \_\_\_\_\_ date of \_\_\_\_\_, 19\_\_\_\_, in the State of California, by and between State of California, through its duly elected or appointed, qualified and acting

TITLE OF OFFICER ACTING FOR STATE	AGENCY	<i>hereafter called the State, and</i>	CONTRACT NUMBER	AM. NO.
Assistant Executive Officer	State Lands Commission		C 8747	
		<i>hereafter called the Contractor,</i>	CONTRACTOR'S ID. NUMBER	

WITNESSETH. That the Contractor for and in consideration of the covenants, conditions, agreements, and stipulations of the State hereinafter expressed, does hereby agree to furnish to the State services and materials, as follows:  
(Set forth service to be rendered by Contractor, amount to be paid Contractor, time for performance or completion, and attach plans and specifications, if any.)

See Attached

CONTINUED ON \_\_\_\_\_ SHEETS, EACH BEARING NAME OF CONTRACTOR AND CONTRACT NUMBER.

The provisions on the reverse side hereof constitute a part of this agreement.  
IN WITNESS WHEREOF, this agreement has been executed by the parties hereto, upon the date first above written.

STATE OF CALIFORNIA	CONTRACTOR
AGENCY	CONTRACTOR (IF OTHER THAN AN INDIVIDUAL, STATE WHETHER A CORPORATION, PARTNERSHIP, ETC.)
State Lands Commission	
BY (AUTHORIZED SIGNATURE)	BY (AUTHORIZED SIGNATURE)
X	X
PRINTED NAME OF PERSON SIGNING	PRINTED NAME AND TITLE OF PERSON SIGNING
James F. Trout	
TITLE	ADDRESS
Assistant Executive Officer	

AMOUNT ENCUMBERED	PROGRAM/CATEGORY (CODE AND TITLE)	FUND TITLE
\$		General
UNENCUMBERED BALANCE	OPTIONAL USE:	
\$		
ADJ. INCREASING ENCUMBRANCE	ITEM	CHAPTER
\$	3560-001-001	135
ADJ. DECREASING ENCUMBRANCE	OBJECT OF EXPENDITURE (CODE AND TITLE)	STATUTE
\$		1987
		FISCAL YEAR
		87/88

*Department of General Services  
Use Only*

I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure stated above

SIGNATURE OF ACCOUNTING OFFICER	T.S.A. NO.	BR. NO.
X		
	DATE	

I hereby certify that all conditions for exemption set forth in State Administrative Manual Section 12019 have been complied with and this document is exempt from review by the Department of Finance

SIGNATURE OF OFFICER SIGNING ON BEHALF OF THE AGENCY	DATE
X	

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1. The Contractor agrees to indemnify, defend and save harmless the State, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, materialmen, laborers and any other person, firm or corporation furnishing or supplying work, services, materials or supplies in connection with the performance of this contract, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the Contractor in the performance of this contract.

2. The Contractor, and the agents and employees of Contractor, in the performance of this agreement, shall act in an independent capacity and not as officers or employees or agents of State of California.

3. The State may terminate this agreement and be relieved of the payment of any consideration to Contractor should Contractor fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination the State may proceed with the work in any manner deemed proper by the State. The cost to the State shall be deducted from any sum due the Contractor under this agreement, and the balance, if any, shall be paid the Contractor upon demand.

4. Without the written consent of the State, this agreement is not assignable by Contractor either in whole or in part.

5. Time is of the essence in this agreement.

6. No alteration or variation of the terms of this contract shall be valid unless made in writing and signed by the parties hereto, and no oral understanding or agreement not incorporated herein, shall be binding on any of the parties hereto.

7. The consideration to be paid Contractor, as provided herein, shall be in compensation for all of Contractor's expenses incurred in the performance hereof, including travel and per diem, unless otherwise expressly so provided.

**PURPOSE:** Contractor agrees to perform the services described in Exhibit "A", specifications, according to the terms and conditions of this agreement.

**AGREEMENT:** This Agreement includes Standard Agreement consisting of 6 pages; Specifications consisting of 10 pages attached as Exhibit "A"; Contractor's Bid Form consisting of 1 page attached as Exhibit "B".

**CONFLICT:** Any inconsistency in this Agreement unless otherwise provided herein shall be resolved by giving precedence in the following order:  
A) Standard Agreement B) Specifications C) Contractor's Bid Form.

**TERM:** This agreement shall be in effect from March 15, 1987, subject to any necessary State agency approvals and shall continue in full force and effect through and until June 30, 1988.

**TOTAL COST:** The total cost of the agreement shall not exceed \$\_\_\_\_\_.

**STATE PROJECT OFFICER:** The Project Officer for the State, for the work on the agreement, shall be Doug Miller and all requests for service, reports, invoices, etc., shall be coordinated through him at (916)322-7826.

**CONTRACTOR'S PROJECT MANAGER:** The Project Manager for the Contractor shall be: \_\_\_\_\_ The Project Manager shall be the Contractor's representative for administration of this Agreement and shall have full authority to act on behalf of the Contractor.

**LOCATION & MAILING ADDRESS:** State Lands Commission  
1807 17th Street  
Sacramento, CA 95814  
Attn: Contracts Office

**CONTRACTOR'S MAILING ADDRESS AND FEDERAL I.D. NUMBER:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(Federal I.D. Number)

**REQUIRED  
PAYMENT  
DATE:**

If the Contractor is a nonprofit organization and contract value is less than \$500,000, or if the Contractor is a small business, payment is due 70 days from the date the equipment, software or services are received and accepted by the State or 90 days from the date a correct, invoice is received in the office specified by the State, whichever is later. Payment is due to any other Contractor 60 days from the date the equipment, software or services are received and accepted by the State or 60 days from the date a correct invoice is received in the office specified by the State, whichever is later. When provision is made for a testing period preceding acceptance by the State, date of acceptance shall mean the date the equipment or software is accepted by the State during the specified testing period.

**BILLING:**

Contractor shall invoice the State in arrears. The invoice must be submitted in triplicate and bear the identifier C3747. Payments made to the Contractor as specified herein shall include all taxes of any description, Federal, State and municipal assessed against Contractor by reason of this agreement.

**PERFORMANCE  
EVALUATION:**

Contractor is advised that upon completion of this contract, the State will evaluate the Contractor's performance. The evaluation will include an evaluation of both the product and employees involved in the service or product provided. This evaluation will be used by State agencies in considering the contractor for any future contract awards. The evaluation will not be public record.

**NATIONAL  
LABOR  
RELATIONS  
BOARD  
CERTIFICATION:**

By signing hereon the Contractor swears under penalty of perjury that no more than one final, unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of the National Labor Relations Board. This provision is required by, and shall be construed in accordance with, Government Code Section 14780.5.

**BUDGET**

Notwithstanding the foregoing, all payments

**STATEMENT:** hereunder are contingent upon sufficient funding being made available by the Legislature for this program.

In addition, this contract is subject to any additional restrictions, limitations or conditions enacted by the Legislature and contained in the above budget bill or any statute enacted by the Legislature which may affect the provisions, terms or funding of the contract in any manner.

**DISPUTES:** Except as otherwise provided in this agreement, any dispute concerning a question of fact arising under or relating to the performance of this agreement which is not disposed of by agreement shall be decided by the State's Project Officer, who shall reduce his decision to writing and shall transmit a copy thereof to the contractor. The decision of the Project Officer shall be deemed final and conclusive unless, within thirty (30) days from the date of receipt of such copy, the contractor transmits to the State a written appeal. Said appeal shall be supported with specificity. In connection with any appeal proceeding under this clause, the contractor shall be afforded an opportunity to be heard before the State Lands Commission and to offer evidence in support of its appeal. Pending the final resolution of any such dispute, the contractor shall proceed diligently with the performance of the contract and in accordance with the written decision of the Project Officer which is the subject of the contractor's appeal.

**NONDISCRIMI-  
NATION  
CLAUSE:**

During the performance of this contract, contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. Contractors and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12900 et seq.) and the applicable regulations promulgated thereunder (California Administrative Code, Title 2, Section

7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the California Administrative Code are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

This Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

**STATEMENT OF COMPLIANCE:**

The Contractor's signature affixed hereto and date shall constitute certification under the penalty of perjury under the laws of the State of California that the Contractor has, unless exempted, complied with the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 3101.



SPECIFICATIONS

110 - Location and Description

To plant bare root seedlings on approximately 111 acres as designated by the State (see attached map) in parts of Section 15, 16, 21 & 22, Township 18 North, Range 11 West, MDB&M, within Mendocino and Lake Counties, California, for the purpose of establishing a new timber crop.

The species and numbers of seedlings, and acreages are estimated to be as follows:

Species	Item	Estimated Number	Acreage
Ponderosa Pine		13,500	80 acres/3 1/3 miles of fire breaks and 31 acres in two burn areas
Douglas Fir		35,000	

120 - Definitions

1. State - California State Lands Commission, State of California.
2. Forest Officer - Representative of the State.
3. Unit - Total project area to be planted under the terms of this contract.
4. Subunit or Lot - A marked or otherwise designated portion of the unit which is to be planted or seeded.  
Plantable Spot - An area from which vegetation, ash, duff, and debris has been or can be removed, and a tree seedling can be planted according to all specifications contained herein.  
Unplantable Spot - An area within the specified spacing limits in which it is not possible to plant a tree according to specifications.  
Unsatisfactory Tree - A planted tree which fails to meet one or more of the specifications for a satisfactorily planted tree.  
Wasted Tree - A tree which is lost, damaged, destroyed, or handled contrary to the specifications for care of trees.  
Optimum Plantable Spots - The number of plantable spots as determined by the specified spacing requirements with allowance for any unplantable spots.  
Maximum Number of Trees - The maximum number of trees is 1.3 times the optimum number of plantable spots.  
Excess Tree - Any tree planted in excess of the maximum number of trees.  
Satisfactorily Planted Tree - A tree that has been planted in accordance with all of the planting specifications set forth herein.

130 - Work Areas

131 - Subunits or lots in which work will take place will be strung, flagged or otherwise designated on the ground by the Forest Officer. The attached maps are intended to show only the general size and location of the areas.

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132 - Within the general work area, the Forest Officer may exclude non-plantable areas. Non-plantable areas will be flagged or otherwise designated prior to work on that segment of the general work area.

133 - Burned or partially burned brush, logging slash, and conifer canopy cover may hamper planting on some units. These conditions are not to be considered unplantable.

140 - State Furnished Material

The State will furnish the Contractor with the following listed materials, supplies, property, or services at the places and times specified at the prework conference. The Contractor will be liable for any loss due to failure of the Contractor, his subcontractors, to care for the materials and planting stock.

141 - The State will provide bare root seedlings.

142 - The contract may be terminated when the supply of seedlings for this project has been used up.

143 - Planting stock will be delivered by the Forest Officer to the roadside nearest the planting area that can be safely travelled by a four-wheel drive vehicle, or some other point mutually agreed upon. Upon delivery of the trees, including the unloading and transportation from delivery point to the planting area, they become the responsibility of the Contractor. The State will determine which road is nearest the planting site.

150 - Contractor Furnished Materials

The Contractor shall provide transportation, housing and subsistence for himself and his crew. The Contractor will also provide all equipment necessary in the planting operation. The Contractor may only use planting tools approved by the Forest Officer.

161 - The Contractor shall designate in writing a person to act for him during his absence from the work site. The Contractor or his authorized representative shall be present at the work site whenever work is in progress, to receive any notices and instruction given by the State in regard to performance under this contract, and to take such immediate action as is required under the terms of this contract. The Contractor's on-site representative shall be fully conversant in the English language.

170 - Time of Performance

Because tree survival and growth is dependent upon proper soil and weather conditions at the time of planting, and because these conditions will only prevail for a limited length of time, it is imperative that work be started promptly after conditions for planting become suitable. The Contractor shall maintain progress at a rate which will insure completion within the contract time indicated as follows:

Item	Estimated Beginning Date	Maximum Contract Time to Complete
1. Planting bare root seedlings	March 15, 1988 May 1, 1988	14 work days

The State will issue a notice to proceed as soon as weather and ground conditions are favorable. The count of contract time will start on the date specified on the notice to proceed if hand delivered, or on the third day after the post office has delivered a notice by certified mail to the Contractor.

When the Forest Officer determines that the temperature, soil condition, winds, snow or a combination of these and other physical conditions have become unsuitable for continuing work in any area, the Contractor will move his work force to another area prescribed by the Forest Officer. When no other area is available, the Forest Officer will issue a written suspend work order and the count of contract time will stop. When conditions are again favorable in uncompleted areas, the Forest Officer will issue a verbal resume work order and confirm the verbal order in writing. The count of contract time will resume on the day indicated by the Forest Officer. It is the Contractor's responsibility to keep the Forest Officer currently advised as to where he or his representative may be reached by phone during periods of work suspension.

Unless written extension of time is granted by the State, all work shall be completed on or before June 1, 1988.

The contractor shall submit to the Forest Officer within three calendar days after request or within three calendar days after effective date of Notice to Proceed, whichever is earlier, a work schedule outlining how he plans to complete the work. As a minimum, this schedule will show the minimum number of men, how many acres of trees each man will plant each day, what days will be worked, number of hours a day that will be worked, and when he plans to start and complete the contract. Upon acceptance of the work schedule by the Forest Officer, the contractor's failure to follow the schedule may be grounds for termination of the contract.

#### COMMENCEMENT OF WORK

Commencement of work is desired within one calendar day but required within seven calendar days after effective date of Notice to Proceed.

If the contractor fails to start work within the required number of calendar days after effective date of Notice to Proceed, the Forest Officer may terminate the contract and issue a default notice to the contractor.

#### 180 - Unsatisfactory Planting and Reworking

Planting quality will be inspected on each subunit as outlined in Section 270. To pass inspection, planting quality must be at least 90 percent. If the planting quality for any subunit falls below 90 percent, the Contractor, prior to moving to another subunit and subject to availability of additional planting stock, shall rework the subunit until quality reaches or exceeds 90 percent. A new inspection will be made after completion of the rework.

190 - Payment

191 - The State will make payment after completion of the project or early termination of the contract due to unplantability of the area, lack of planting stock, Contractor default, or expiration of contract time.

192 - Payment for planting - Payment will be made for trees planted in subunits (lots) which have passed inspection at the bid price less deductions for wasted and excess trees. The number of trees planted will be determined from a tightly controlled tally of trees given the Contractor each day. Totals for each subunit will be combined for final payment.

Should it become necessary to terminate the contract, and a partially completed subunit has not passed inspection, payment for the subunit will be computed separately. Payment will be made at a rate reduction in contract price of 2 percent for each 1 percent that planting quality is below 90 percent (refer to Sections 273 and 274). Below 80 percent planting quality no payment will be made for that subunit.

Deductions will be made at a rate of twice the contract price per tree for: (1) Wasted trees due to improper handling, and; (2) trees planted in excess of the maximum number of trees.

210 - Care of Trees in Contractor's Possession

211 - Trees shall be planted as they are received from the State without alteration of the root system, top pruning, or culling.

212 - The trees shall be protected at all times from drying, heating, smothering, freezing, crushing, drowning, abrasion, rapid temperature changes, and injurious substances.

213 - The trees shall be kept moist at all times during storage and prior to planting.

214 - The trees shall be stored prior to planting in an area, and under conditions specified by the Forest Officer.

216 - Field Handling of Trees

Trees in possession of planters shall be handled in accordance with the following:

1. Trees in planting bags shall have only their tops exposed.
2. Trees shall not be removed from planting bag until immediately before planting in a prepared hole.
3. Seedlings shall be gently removed, one at a time, to prevent stripping or other injury and quickly and gently inserted into the planting hole.
4. Seedlings carried in planting bags shall not exceed the amount that

can be carried and removed without injury, or which can be planted before critical heating or drying occur. Trees placed in bags or trays shall be planted out and not returned to storage.

216 - Preparation of Trees by Contractor

The contractor shall prepare bare root trees for planting in accordance with the following:

1. Roots shall be kept moist at all times. Roots of bare root trees shall be dipped into a root-protecting solution of terra-sorb and water.

220 - Planting Spot Selection

221 - Trees shall be planted on a 10 x 10 foot spacing. If this spot is not suitable for planting, average spacing may be varied up to 30 percent to make use of the best planting spot. However, spacing control shall be resumed using the original spacing guides, and the average number of spots per acre shall not be materially increased or decreased by planting spot selection. If a spot is unplantable within these limits, no tree will be planted.

222 - Trees shall be planted on the north or east side of any object which will provide afternoon shade (see Exhibit "C" of these specifications). No trees will be planted in the open when shade providing materials are within the spacing limits in Section 221.

223 - Trees must not be planted on mounds of loose soil subject to rapid drying, in depressions which may hold water for extended period of time, or in deep concentrations of bark, woody debris, or ash.

230 - Site Preparation

231 - Prior to making the planting hole, the planter shall clear an area at least one foot in diameter of all surface debris and living vegetation down to bare mineral soil, hereafter called scalping.

240 - Preparing the Planting Hole

Planting holes shall be located near the center of the prepared area and shall be oriented at an angle between perpendicular to the slope and true vertical.

241 - For Handtools

An open hole, deep enough to fully accommodate the roots of the trees to be planted is required when hand planting tools are used. Slit planting will not be permitted.

The contractor is expected to open holes in hard as well as easy plantable ground.

243 - When planting bare root seedlings, the seedling shall be planted in an erect position deep enough in the hole so that roots are arranged naturally at a

depth that when the soil is packed firmly, it comes to the original ground line of the tree. In no case are roots to be exposed from the soil or the lower needles of the seedling be buried.

244 - Only moist mineral soil will be allowed to contact roots. Soil will be firmed progressively upward so as not to form air pockets. The soil shall be firmed to a point around the root system so that the tree will not pull free with a tug strong enough to detach a group of needles.

260 - Planting Equipment

261 - Planting Tools

Contractors' planting tools shall meet the following minimum requirements:

1. Handtools: Where hand planting is required, the handtools used by the contractor shall have a minimum 10-inch length and 4-inch width planting blade. The head or scalping blade of the mattock is not to be included in the minimum length measurement.

262 - Planting Bags

Unless otherwise specified, planting bags shall be a light color, shall not retain water or heat, shall have a minimum depth of 15 inches and shall be free of defects.

270 - Inspection

271 - The State will inspect planting to determine compliance with these specifications and to provide the basis for computing the rate of payment. At the State's option, the inspection may be made as the work progresses or at the completion of the work in the subunit. The results of the inspection will be documented and a copy given to the Contractor as soon as practical after completion of each inspection. Partial or incomplete inspections may be reviewed by the Contractor; however, conclusions should not be based on partial or incomplete results.

Determination of the acceptability of the work performed will be based on these inspections, which will be considered conclusive. The Contractor or his representative is encouraged to observe inspectors while they are under way.

272 - Care of trees will be inspected throughout the project to assure compliance with Section 210. Wasted tree charges will be made if trees are found to be handled in a manner inconsistent with the specifications outlined in this contract.

273 - Inspection: Planting Quality

Inspection of planting quality will be made on representative sample plots in each subunit to assure and measure compliance with specifications. Specific items include:

ABOVE GROUND

1. Spacing.
2. Planting spot selection.
3. Site Preparation.
4. Planting location on scalped area.
5. Planting depth of trees.
6. Excess trees planted per plot.
7. Stem position.

BELOW GROUND

8. Soil firming around roots (air pockets, loose soil).
9. Planting hole orientation.
10. Root configuration and orientation.
11. Altered root system and damage.
12. "Foreign" material in planting hole. (Foreign Organic material, snow, rocks, etc.)

274 - Plot Procedure

The inspector will mark on the ground a series of 1/50 acre plots, sufficient in number to yield at least a 2 percent sample of the number of trees in that subunit. Plots will be distributed randomly over the entire acreage. Inspection within each plot will be done as follows:

1. Locate and mark the plot center on the ground.
2. Determine from Table I the optimum number of planting spots based on the specified spacing. From this number, subtract the number of unplantable spots. These are determined by ground conditions. The maximum number of plantable spots will be 1.3 times this number.
3. Record the number of trees planted on the plot.
4. Inspect and record the number of planted trees meeting the above-ground contract specifications. If this number exceeds the maximum number of plantable spots, only the maximum will be recorded as satisfactorily planted and the remaining trees will be recorded as excess trees.
5. A minimum of one tree which is satisfactorily planted above ground will be dug on each plot to determine below-ground quality.
6. Record the number of trees meeting below-ground contract specifications, and the total number dug.
7. Compute the planting quality as follows: Planting Quality % =

$$\frac{\text{No. of satisfactory trees above-ground} \times \text{No. of satisfactory dug} \times 100}{\text{No. of plantable spots} \quad \text{No. of trees dug}}$$

Percentage of planting quality as calculated above will be rounded to the nearest whole percent. Upon completion of each subunit the Contractor will receive a final evaluation on the subunit.

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TABLE I

Specified Spacing	Optimum Plantable Spots per Plot	Maximum No. of Satisfactory Trees Per Plot	Average Number of Planting Spots Per Acre
9 x 9	11	11	538
10 x 5	17	17	871
10 x 10	8	9	435
11 x 11	7	7	360



### UTILIZATION OF MATERIAL TO PROVIDE SHADE

In southerly and westerly aspects or as otherwise prescribed in the supplemental specifications, trees must be planted on the north or east side of logs, stumps, brush piles, chunks of wood, rocks and brush patches to take full advantage of potential shade. Trees planted without proper adherence to this precision will be designated as improperly planted trees.

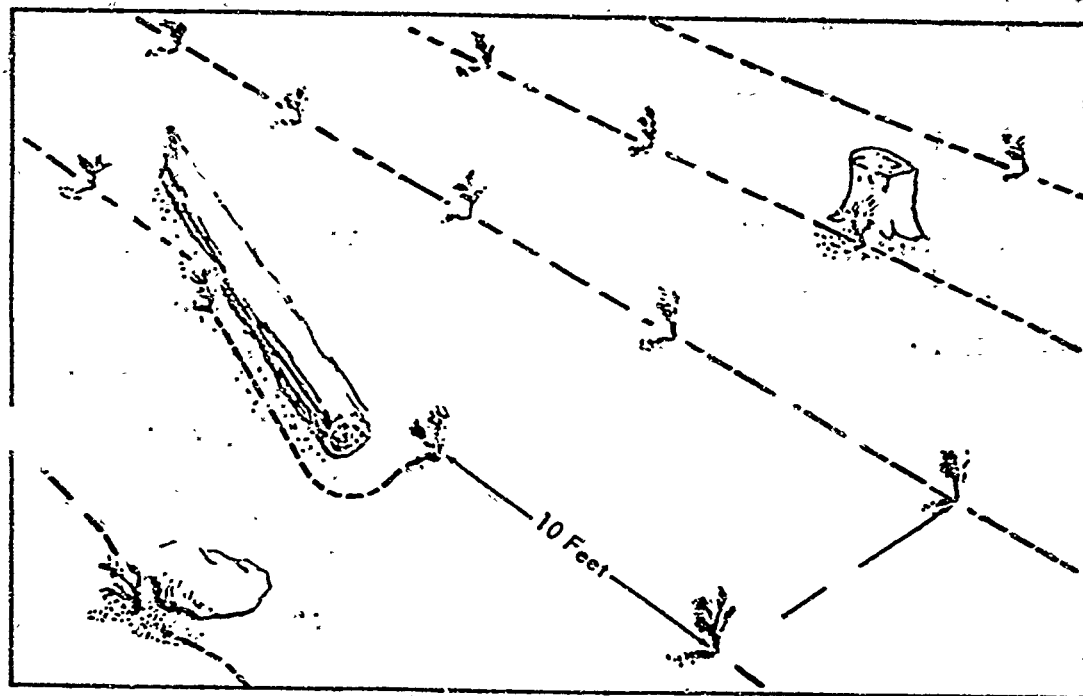
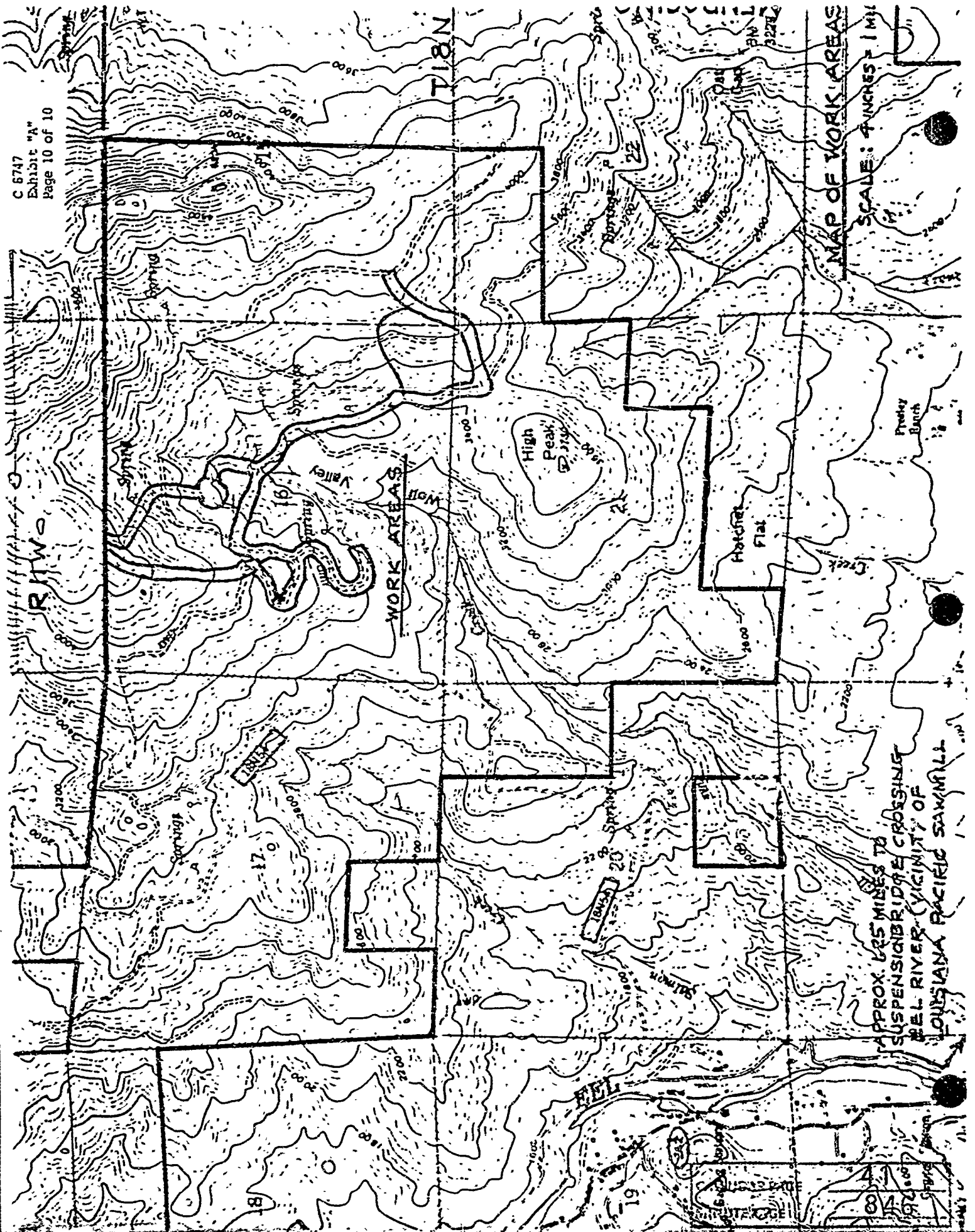


Figure 10. Breaf the uniform spacing to take advantage of shade or other good planting spots.



APPROX. 1/25 MILES TO  
SUSPENSION BRIDGE CROSSING  
BEL RIVER VICINITY OF  
LOUISIANA PACIFIC SAWN LUMBER

MAP OF WORK AREAS  
SCALE: 1 INCHES = 1 MILE

INVITATION TO BID

BID FORM AND QUALIFICATIONS STATEMENT

TO BE COMPLETED BY BIDDER:

Bid Price for all planting and related work, called for under this invitation to bid including cost of bonds, insurance, transportation, sales and all other taxes, and all other items of direct or indirect expenses is:

Item	Description	Estimated Quantity	Bid Price
1	Planting 2-0 bare root seedlings - Planting 1-0 bare root seedlings -		\$_____ per thousand seedlings

The low bid will be determined by the State by multiplying the "Estimated Quantity" of seedlings by the "Bid Price" per seedling and the total sum will be considered the total bid.

Awarding of the contract will be based on the lowest qualified bid price and satisfactory evaluation of past reforestation projects.

List below the reforestation projects your organization has completed within the last five years:

Location of Reforestation Project	Length of Contract (number of trees planted)	When Completed	Name and Address of Contracting Firm Name of Contact Person and Telephone Number

The evaluation team will contact each reference to determine if the quality of work was satisfactory or unsatisfactory.

In order to be qualified each company must have received at least three satisfactory references.

Any company receiving two or more unsatisfactory references will be disqualified.

Bidder's Signature \_\_\_\_\_

Telephone Number \_\_\_\_\_

Address \_\_\_\_\_

0209H