

**INTEGRATED RESOURCE TIMBER CONTRACT PROSPECTUS**

<b>Stewardship Contract Name :</b>	Pompeii Fire Salvage Stewardship	<b>Type of Contract :</b>	Scaled
<b>National Forest :</b>	Eldorado	<b>Ranger District :</b>	Georgetown
<b>Bidding Method :</b>	Sealed Bid		
<b>Location to Receive Offers :</b>	Placerville, CA		
<b>Date :</b>	05/02/2016	<b>Time :</b>	02:00 PM

**1. INTRODUCTION.** This prospectus furnishes prospective offerors with information not contained in the published advertisement and is designed to enable offerors to decide whether or not to further investigate this stewardship project. The prospectus is not a legally binding document, but is offered to provide general information about a Stewardship Contract. The prospectus does not include descriptions, estimates, and other data that are contained in the sample contract, unless otherwise stated. In the event that the prospectus contains an error or contradicts the sample contract, the contract governs. Offerors are urged to examine the contract and make their own estimates. Contract 2400-13 will be used. Inspect the contract area and the sample contract before submitting an offer. Obtain the appraisal, other information on the contract and stewardship work items and conditions of offering at Forest Service offices listed above and in the advertisement.

This is a Stewardship End Results Contract authorized by 16 U.S.C. 2104 Note.

**2. OFFERING.** This is a Sealed Bid Stewardship Contract . Offerors must submit sealed offers on prepared forms they can obtain from Forest Service offices listed above and in the advertisement. The forms include instructions for offering and submission of the required certifications and technical proposals. The term "offer form" in this prospectus is the Bid for Integrated Resource Contract form. Also, the term "offeror" in this prospectus is identified as "offeror" in the Bid for Integrated Resource Contract form. **THE OFFERS WILL NOT BE PUBLICLY OPENED.**

The offeror is required to submit a technical and price proposal and comply with all other provisions stated on the offer form. The proposal should be practical and be prepared simply and economically, providing a straightforward, concise description of the Contractor's ability to meet the requirements of the contract. Upon contract award, this technical proposal will become a binding part of the contract. See Section 21, General for instructions for preparation of technical proposals and evaluation factors for award.

**3. LOCATION AND DESCRIPTION OF INTEGRATED RESOURCE TIMBER.** Refer to the sample contract and contract area map attached to the sample contract for legal location of contract area, location of subdivisions, location of cutting units, the acreage of contract area, the cutting unit acreage and location of stewardship work activities.

THE FOLLOWING GENERAL LOCATION, ROUTES OF ACCESS, ACREAGES, AND OTHER SPECIAL LOCATION DATA DO NOT SUPERSEDE THE CONTRACT AREA MAP OR SAMPLE CONTRACT.

T.12 N., R.12 E, Sections 1 and 12, T.12 N., R.13 E, Sections 3-5 and 7-9, T.13 N., R.13 E, Sections 23, 25, 26, 33, 34 and 35, MDB&M

**4. QUANTITIES AND RATES.** The quality, size, cut per acre, and product suitability of the timber are estimates based on detailed cruise information on file and available for inspection at the Forest Service offices listed above and in the advertisement. VOLUME QUANTITIES LISTED HEREIN ARE MADE AVAILABLE WITH THE UNDERSTANDING THAT VALUES SHOWN ARE FOREST SERVICE ESTIMATES AND ARE NOT GUARANTEED. For these reasons, offerors are urged to examine the contract area and make their own estimates.

Road Construction Costs. The estimated road construction cost has been included in the appraisal as a cost that the Contractor will incur. The Contractor will be responsible for the road construction cost and WILL NOT receive credit towards stumpage costs for this expense, i.e., THIS CONTRACT DOES NOT INCLUDE STEWARDSHIP CREDIT for the construction of specified roads and Contractors should consider the cost of specified road construction when developing their offers.

THE MINIMUM ACCEPTABLE BID RATE FOR THE MANDATORY TIMBER CUTTING UNITS IS STATED IN THE ATTACHED OFFER FORM. THESE RATES ARE EFFECTIVE AT THE TIME OF ADVERTISEMENT.

### Mandatory Estimated Quantities and Rates per Unit of Measure

Species	Product	Unit of Measure	Estimated Quantities	Rates Per Unit of Measure			
				Base Rate	Advertised Rate	Additional Deposits for Slash Disposal	Road Maintenance
<b>Mandatory Timber Cutting Units :</b>							
Douglas Fir	Sawtimber	MBF	1,523.00	0	\$64.57	\$0.00	\$0.03
Incense Cedar	Sawtimber	MBF	1,589.00	0	\$109.88	\$0.00	\$0.03
Ponderosa Pine	Sawtimber	MBF	2,119.00	0	\$10.00	\$0.00	\$0.03
Sugar Pine	Sawtimber	MBF	777.00	0	\$10.00	\$0.00	\$0.03
White Fir	Sawtimber	MBF	6,199.00	0	\$46.52	\$0.00	\$0.03
<b>TOTAL</b>		<b>MBF</b>	<b>12,207.00</b>			<b>\$0.00</b>	<b>\$366.21</b>

### Optional Estimated Quantities and Rates per Unit of Measure

Species	Product	Unit of Measure	Estimated Quantities	Rates Per Unit of Measure			
				Base Rate	Advertised Rate	Additional Deposits for Slash Disposal	Road Maintenance
Not Applicable							

### Total Value Bidding:

Prospective Contractors must submit bids for the timber portion of the contract in terms of the minimum acceptable total contract value. The Bid for Integrated Resource Contract (FS-2400-14BV) states minimum acceptable bid rates and estimated quantities of timber, together with the minimum acceptable total timber value. The advertised minimum acceptable total timber value is only for the biddable species, as listed on the offer form in the upper section of block 14. It does not include any non-biddable, fixed rate species listed in the middle section of block 14 titled "Only the Fixed Rate Applies." The offeror should enter the offer on the offer form only in terms of the total timber value. The Forest Service shall establish timber bid rates by species in the contract by multiplying each species' minimum acceptable bid rate by the bid increase percentage. Such rates will be rounded to the nearest cent. The bid increase percentage is the offeror's total timber value bid rate divided by the minimum acceptable total timber value. The total amount for stumpage is the volume of each biddable species multiplied by its bid rate, plus the volume of each fixed rate species multiplied by its fixed rate.

If the contract includes optional timber cutting units and offeror elects to bid on those units, bids for optional units are entered on the lower section of block 14. By entering bids for optional timber cutting units on the lower section of the offer form, offeror is agreeing to harvest the optional timber units. Procedures for distributing bid premium are as described in the previous paragraph and total timber value becomes the sum of mandatory and optional timber units.

### Timber Subject to Agreement

Species	Product	Unit of Measure	Fixed Rates	Slash Disposal Deposits	Road Maintenance Deposits
Skyline Salvage Douglas Fir	Sawtimber	MBF	\$6.00		\$0.03
Skyline Salvage Incense Cedar	Sawtimber	MBF	\$10.00		\$0.03
Skyline Salvage Ponderosa Pine	Sawtimber	MBF	\$10.00		\$0.03
Skyline Salvage Sugar Pine	Sawtimber	MBF	\$10.00		\$0.03
Skyline Salvage White Fir	Sawtimber	MBF	\$6.00		\$0.03

All of the mandatory stewardship work items, as shown in A.4.3 or AT.4.4 of the sample contract, shall be performed. Optional stewardship work items, as shown in A.4.3 or AT.4.4 of the sample contract, shall be performed when authorized in writing by

**Contracting Officer.** Such authorization may be for all or a portion of the quantity shown. Optional stewardship work items may be selected and authorized in any order. Upon written request of Contractor, additional stewardship work items shall be considered and authorized; however, Contracting Officer shall not be obligated to authorize additional stewardship work items if three or more authorized optional stewardship work items or any of the mandatory stewardship work items remain uncompleted. Contracting Officer shall not be obligated to authorize additional stewardship work items at any time if Contracting Officer determines that there is insufficient value of remaining designated timber to cover the value of additional stewardship work items.

<b>Stewardship Schedule of Work Items</b>			
Item Number (a)	Work Activity Description (b)	Unit of Measure (c)	Estimated Quantity (d)
<b>Mandatory Stewardship Work Items</b>			
5	Grapple Piling By the Hour	Each	100.00
4	Machine Piling By the Hour	Each	100.00
3	Mastication	Acres	112.00
2	Biomass Cutting and Removal - Non Harvest Units	Acres	33.00
1	Biomass Cutting and Removal - Harvest Units	Acres	753.00

**5. PERIOD OF CONTRACT.** The normal operating season covers the period between 05/01 and 10/15. Contract termination date is 12/31/2017. Extensions of this contract may be granted only when the contractor has met specified conditions.

Upon acceptance by the Forest Service, the technical proposal is a binding part of the contract and shall include, but is not limited to, plan periods for and methods of work activities. The Contractor must also submit an annual schedule of operations before commencing operations. This schedule will include the anticipated major activities and needs for harvest. This annual schedule of operations does not require concurrence of the Forest Service.

**6. PAYMENT.** Payment for timber and any required deposits for slash disposal or road maintenance are required in advance of cutting. Contractor may earn stewardship credits or provide an acceptable payment guarantee prior to cutting. "Stewardship Credits" are credits that are earned and established when work described in K(T)-G(T).9# of the sample contract has been performed and accepted. Stewardship Credits shall be earned at the offer rate as shown in the awarded contract. Earned Stewardship Credits may be used to pay for Included Timber value in excess of Base Rates and Required Deposits. Base Rates and Required Deposits must be paid in cash.

If an offeror elects to have the Forest Service construct specified roads, the contract shall provide for collection of not less than the full estimated cost of the roads stated in this prospectus, in addition to the current contract rate value and required deposits. Contract Form FS-2400-13 provides for collecting the estimated public works road construction cost as timber is scaled, at a rate accelerated on 80 percent of the estimated volume.

If offeror elects the road option, payment for right-of-way timber will be made in advance of cutting. The timber will be decked by the road contractor and will be made available to the Contractor when notified by Forest Service of location and availability. If Contractor and road contractor agree, Contractor may cut and remove right-of-way timber as part of the specified road construction.

**7. PERFORMANCE BOND.** Not Applicable.

**8. SPECIFIED ROADS.** The Forest Service has determined that the following National Forest System roads shall be constructed or paid for, in whole or in part, by the Contractor. Sufficient information to permit a prospective offeror to calculate the likely cost to be incurred for road construction is available at the Forest Supervisor's Office. See the sample contract for verification of specific details and information concerning construction specifications. CONSTRUCTION ESTIMATES AND INFORMATION CONTAINED HEREIN, TOGETHER WITH RELATED SPECIFICATIONS, ARE NOT GUARANTEED. The following roads are those that Forest Service considers necessary to remove the timber from this contract.

Road Number	Road Name	Traffic Service Level	Approximate Miles/Kilometers	Estimated Road Construction Cost	Type of Work *
12N29 T1	12N29 T1	C	0.02 / 0.04	\$3,186.00	C
14N08 T2	14N08 T2	C	0.01 / 0.01	\$1,842.00	C
14N08 T4	14N08 T4	C	0.04 / 0.06	\$6,990.00	C
14N08 T5	14N08 T5	C	0.02 / 0.03	\$4,767.00	C
13N47A-T1	TEMP SPUR	C	0.01 / 0.02	\$742.00	C
12N29T	12N29T - EDSON	C	0.44 / 0.71	\$6,196.95	R
12N51B	12N51B	C	0.1 / 0.16	\$872.48	R
12N51C	12N51C	C	0.27 / 0.43	\$469.13	R
13N91AB	13N91AB	C	0.21 / 0.33	\$7,259.64	R
14N08 T1	14N08 T1	C	0.08 / 0.13	\$1,729.00	R
14N08 T3	14N08 T3	C	0.02 / 0.04	\$1,602.00	R
12N29Z	29Z	C	0.3 / 0.49	\$3,158.68	R
12N29ZA	29ZA	C	0.05 / 0.08	\$491.24	R
14N08GA	AVAUGHN	C	0.22 / 0.35	\$3,684.55	R
13N47	BACCHI RANCH BYPASS	C	0.43 / 0.7	\$10,734.49	R
12N29A	BLACKEYE PEA	C	0.43 / 0.7	\$4,075.50	R
12N47A	DIGGER PINE	C	0.19 / 0.31	\$3,416.81	R
12N29S	EDSON	C	0.64 / 1.03	\$1,205.10	R
12N47	ELEVEN PINES RIDGE	C	1.41 / 2.27	\$19,688.54	R
12N47B	JACK PINE	C	0.2 / 0.32	\$7,203.40	R
12N51A	LENARD	C	0.76 / 1.22	\$9,340.06	R
12N51	LEONARDI SPRINGS LOOP	C	0.78 / 1.25	\$2,056.25	R
13N91	MID SLOPE	C	0.58 / 0.94	\$9,545.32	R
MOBILIZATION	MOBILIZATION	C	0.06 / 0.1	\$7,000.00	R
12N29J	OAK RIDGE	C	0.28 / 0.45	\$2,387.75	R
13NY02	PILOT DITCH	C	0.5 / 0.8	\$1,650.80	R
12N29R	PITCH PINE	C	0.23 / 0.37	\$8,197.33	R
13N91A	SET UP	C	0.16 / 0.26	\$1,166.88	R
13N47A	STEEP SPUR	C	0.16 / 0.26	\$10,519.01	R
12N46	VAUGHN	C	0.24 / 0.39	\$6,140.27	R
14N08G	VAUGHN CABIN	C	0.48 / 0.77	\$14,232.95	R

\* C = Construction  
R = Reconstruction

The required specified road completion date for all roads is 12/31/2017. If provision K(T)-F(T).1.3# - Road Completion Date has different dates for projects, this is the final road completion date.

Total estimated road construction cost allowed in appraisal is \$176,351.13

An offeror qualifying as a small business concern may elect to have the Forest Service construct the specified roads listed above. Completion dates for construction apply whether construction is performed by the Contractor or by the Forest Service. If the offeror elects Forest Service construction, it is the Forest Service's intent to perform construction through CONTRACT. The Forest Service shall not award the contract unless either it receives a satisfactory road construction bid or, if it fails to receive such a bid within 90 days of tentative award, the offeror agrees to perform road construction.

If Contractor elects Forest Service construction, the total estimated public works construction cost that would be paid in addition to current contract rates is \$218,094.02. See provision K(T)-E(T).1.2# - Amount Payable for Timber in the sample contract for additional information.

The following changes will be made to the sample contract when the Forest Service constructs specified roads:

A(T)3 - Timber Designations: "Specified Road Clearing" will be changed to "Construction Clearing" K-C.3.2.3

A(T)7 - Change the title to "Permanent Roads To Be Constructed by Forest Service."

A22 or AT19 - Make the following changes in A22 or AT19:

- Add K-C.3.2.3 - Construction Clearing.
- Add K-E.1.2# - Amount Payable for Timber.
- Add K-I.4.1 - Limitation of Performance by Other Than Contractor.

The estimated road construction cost includes the cost of road reconstruction engineering services, pursuant to Public Law 88-657, 78 Stat. 1089, 16 U.S.C. 532-537. Refer to provision K(T)-F(T).2.1.3# - Deposit for Reconstruction Engineering Services in the sample contract for additional information.

Contractor shall make a cash deposit in the amount \$14,800.00 for engineering services completed by Forest Service in preparation of this contract. The Forest Service shall complete reconstruction related engineering services on the following schedule:

**NOT APPLICABLE.**

**9. ROAD MAINTENANCE.** Contractor shall perform or pay for road maintenance work, commensurate with Contractor's use, on roads controlled by Forest Service, and used by Contractor in connection with this contract. Road maintenance requirements are based on the predicted haul route. Any change in the Contractor's actual haul route may necessitate a change in the roads to be maintained and/or in the amount of required deposit for road maintenance. Required deposits for road maintenance are listed in provision K(T)-F(T).3.2# in the sample contract. Maintenance specifications are in the sample contract.

**10. INAPPLICABLE STANDARD PROVISIONS.** See sample contract.

**11. SPECIAL PROVISIONS.** See sample contract.

**12. SET-ASIDE CONTRACTS.** Not Applicable.

**13. LOG EXPORT AND SUBSTITUTION RESTRICTIONS.** The contract requires domestic processing of included timber except for species declared to be surplus, and prohibits the use of such included timber in substitution for unprocessed private timber exported. The offeror, by signing the offer for advertised timber, certifies compliance with the applicable prohibitions against export and substitution prescribed in the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 U.S.C. 620, et seq.) with each offer.

**14. EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE REVIEW.** If the total contract value for this contract exceeds \$10 million, before award, the Forest Service shall request an equal employment opportunity compliance review of the Contractor to determine compliance with the provisions of Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967 and Executive Order No. 12086 of October 5, 1978.

**15. AWARD.** The Contracting Officer is required to make a determination of Contractor responsibility as stated in Title 36, Section 223.101, of the Code of Federal Regulations. To determine a Contractor to be responsible, a Contracting Officer must find that:

- a. The Contractor has adequate financial resources to perform the contract or the ability to obtain them;

- b. The Contractor is able to perform the contract within the contract term taking into consideration all existing contracts and Governmental business commitments;
- c. The Contractor has a satisfactory performance record on similar type contracts. A prospective Contractor that is or recently has been seriously deficient in contract performance shall be presumed not to be responsible, unless the Contracting Officer determines that the circumstances were beyond the Contractor's control and were not created through improper actions by the Contractor or affiliate, or that the Contractor has taken appropriate corrective action. Past failure to apply sufficient tenacity and perseverance to perform acceptably under a contract is strong evidence that a Contractor is not responsible. The Contracting Officer shall consider the number of contracts involved and extent of deficiency of each in making this evaluation;
- d. The Contractor has a satisfactory record of integrity and business ethics;
- e. The Contractor has or is able to obtain equipment and supplies suitable for completing the requirements of the contract;
- f. The Contractor is otherwise qualified and eligible to receive an award under applicable laws and regulations.

Offerors, by signing the offer form, certify that, to the best of offeror's knowledge, the offeror will meet the requirements in 36 CFR 223.101, determination of Contractor responsibility, and if awarded this contract, that offeror will complete the contract and any modifications thereof in accordance with its terms including requirements to purchase, cut, and remove included timber or forest products and complete stewardship projects by the termination date.

**16. FALSE STATEMENTS ACT.** Offerors, by signing the offer form, certify that they are aware that offeror is subject to the penalties prescribed in 18 U.S.C. 1001, Chapter 47, Fraud and False Statements (P.L. 104-45). The Act states "whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be fined under this title or imprisoned not more than 5 years, or both."

**17. DAMAGES.** This contract shall be terminated for breach if: 1) Contractor fails to execute this stewardship contract or furnish a satisfactory performance bond by the date required in the award letter, if required; or 2) offeror is found to have violated the False Statements Act in making any statement or certification on the offer form including not meeting responsibility requirements, and offeror has made a false statement.

**18. SUSPENSION AND DEBARMENT CERTIFICATION.** Non-procurement debarments and suspensions are governed by the Government-wide common rules (7 CFR 3017). These rules require each contractor, to submit a certification for itself, its principals, and its affiliates when submitting an offer on stewardship contracts. The offeror must designate its status regarding debarment, suspension, and other matters as specified on the offer form. The offeror, by signing the offer, certifies this status. An explanation for not submitting a certification may be submitted. The Contracting Officer will determine whether the explanation provides sufficient reason for permitting participation in the competition. Also, as a Contractor enters into transactions with subcontractors, these subcontractors must certify their eligibility. The certification titled "Subcontractor Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion" must be provided to subcontractors, but completed certifications are not required to be submitted with the offer. Contractor must keep these subcontractor certification forms on file for review by the Forest Service, if requested. The certification forms and instructions for subcontractors transactions are provided as an addendum to the offer form.

**19. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.** Conduct of operations on this contract is subject to compliance with all OSHA requirements related to the various work activities. Inspection by OSHA may include inspection for compliance with the logging operations regulations at 29 CFR 1910.266. This standard is applicable to the entire logging industry wherever logging operations occur. Information is available to assist Contractors to ensure compliance with the logging operations regulations during conduct of this contract from the U.S. Department of Labor, Occupational Safety and Health Administration, OSHA, California Department of Industrial Relations, 1515 Clay Street, Suite 1901, Oakland, California 94612.

**20. GENERAL.** Corporations submitting an offer under this solicitation must include form AD-3030, Representations Regarding Felony Conviction and Tax Delinquent Status For Corporate Applicants. Copies of this form may be obtained from the Forest Service office shown on page 1 of this prospectus or electronically at:  
<http://www.ocio.usda.gov/policy-directives-records-forms/forms-management/approved-computer-generated-forms>.

This is a fire salvage timber sale resulting from the King Fire of 2014.

This sale is in urgent need of harvesting, a contract term adjustment may be granted on other Forest Service sale(s) to the purchaser of this sale.

- a. The specific geographic tributary area that would apply for the granting of adjustments on existing sales is (Eldorado, Plumas, Tahoe and Stanislaus National Forests).
- b. The purchaser shall show how logging this sale would impact operations on existing sales.
- c. Specific classes of sales that would not receive consideration for an adjustment are (salvage or insect damage sales).
- d. The calculation of the number of days of contract term adjustment a purchaser would receive would depend upon a case-by-case review and reflect the time lost by logging the sale urgently requiring harvesting.

Due to the urgent need to harvest this salvage sale or project, the Market Related Contract Term Addition (MRCTA) is not being offered for this sale or project. It is highly unlikely that the Forest Service will grant a contract term extension on the sale or project.

Corporations submitting an offer under this solicitation must include form AD-3030-FS Representations Regarding Felony Conviction and Tax Delinquent Status For Corporate Applicants. Copies of this form may be obtained from the Forest Service office shown on page 1 of this prospectus or electronically at: <http://www.ocio.usda.gov/policy-directives-records-forms/forms-management/approved-computer-generated-forms>.

The following ground based skidding system is now included in a Special Non-Recurrent K-G.4.2# - Ground Based Skidding : SL - Contractor shall hand fall timber and then swing Included Timber along designated skid roads to designated landings or other agreed upon locations using a heel-boom loader or hydraulic excavator with grapple head. Equipment shall be equipped with with a boom having an operating radius of at least 35 feet for moving logs. Equipment must be capable of operating on slopes up to 35 %.

## SCALING

This timber sale contract has been designated for Third Party Scaling and includes K-G.6.8.1.5 - Third Party Scaling Services. Under this provision, the Purchaser shall bear and administer the cost of scaling services.

## 2. VOLUME DETERMINATION.

Estimated volumes for this Contract were generated using a systematic variable plot cruise method for all subdivisions and the application of expected deterioration rates for salvage timber, resulting in a grand total of 12,207 MBF

## 3. DESIGNATION OF TIMBER AND HAZARD TREES

### A. Designation by Damage Class, K-C.3.5.3#

#### a. Hazard Trees

Because of the significant size and complexity of this project; and because of the number of potential hazard trees associated with this project, the following information and clarification is provided so that Prospective Contractors are aware of the requirements associated with the designation, cutting and disposal of hazard trees.

Hazard trees are defined in terms of size as being 6 inch or greater in dbh and sufficiently tall to reach a landing, temporary road, system road or work area. Hazard trees include both conifers and hardwoods of the specified size.

Prospective Contractors are advised that the Forest Service intends to mark, or otherwise identify by agreement or designate under K-C.3.5.3# Designation by Damage Class, all hazardous, dead and dying trees sufficiently tall to reach Contractors landings, temporary roads, and work areas. Contractor will ONLY be required to cut hazard trees along system roads within tractor units, shovel units and skyline harvest units (when mutually agreed for skyline salvaging under timber subject to agreement), along specific road systems identified in the paragraph below and Stewardship Project #2 (biomass removal only). Hazard trees along other system roads, within contract area, but NOT located within units identified for salvage or biomass treatment may be removed by agreement.

Subdivision #1 is a Hazard Tree Only subdivision. Within this subdivision, Forest Service will work with Contractor to identify which hazard trees, if any, will be removed by agreement. If no agreement is reached, it would be the intent of the Forest Service to delete this subdivision from this contract under authority of G.3.6 Acceptance of Work to permit the Forest Service to address the hazard trees within Subdivision #1

using other contracts or Force Account crews.

In all tractor and skyline (subject to agreement) salvage units, except units 72, 81c, 675a, 675b, 675c, 693b, 693c, 695e and 700a, all coniferous trees with no green foliage as viewed from the ground (100% brown foliage or no foliage) and that meet the minimum specs in A.2 are designated for cutting. Additionally, in all harvest units, all coniferous and hardwood trees greater than 6 inches DBH with no green foliage as viewed from the ground (100% brown foliage or no foliage) and are sufficiently tall to reach the road bed of National Forest System roads within the Contract Area are designated for cutting.

In units 72, 81c, 675a, 675b, 675c, 693b, 693c, 695e and 700a, are hazardous tree removal units. In these 9 units ONLY hazardous trees are to be felled and those trees that contain a minimum product are to be removed. Trees that will NOT reach the roadbed of the adjacent National Forest System road are NOT designated for cutting in these 9 units.

Hazard trees felled in accordance with the above contract specifications and interpretation will be treated in accordance with the applicable provisions for the associated harvest unit. For example, hazard trees, both conifers and hardwoods, felled in a unit designated for biomass removal would be removed to landings or other designated sites if the felled trees meet the size requirements for removal. Hazard trees that are felled, but that do not meet the size requirement for biomass removal would be left in place provided they are outside the roadbed and drainage features of system roads. However, in all cases pieces meeting Utilization Standards would be removed.

#### b. Felling and Skidding

There are numerous "Leave Islands and study areas" shown on Contract Map and designated on the ground where felling of fire killed trees will not be permitted. The fire killed trees within these areas have not been included in the volume estimates for this project. Skidding may be permitted through these "Leave Islands and study areas" by agreement, however Contractor should be aware that some reasonable efforts will be made by Forest Service to agree to alternate skid road patterns when practicable to minimize the impacts of operations upon these "Leave Islands and study areas".

#### c. Lop and Scatter to 18 inch Height

Lop and Scatter to an 18 inch height is required within those salvage units, biomass units or hazard tree removal areas that are associated with perennial, intermittent or ephemeral drainages shown on Contract Area Map. This Lop and Scatter requirement ONLY applies to the portion of the salvage unit, biomass unit or hazard tree removal area that is located within 300 ft of perennial or 150 ft of intermittent and ephemeral drainages. Perennial drainages have a 100 ft zone where no harvesting would occur thus the actual lop and scatter zone would be 200 ft. Intermittent and ephemeral drainages have a range between 10 ft and 100 ft where no harvesting would occur thus the actual lop and scatter zone would be between 50 ft and 140 ft based on the Contract Area map equipment exclusion zones. An appraisal allowance has been included for the lopping and scattering associated with this requirement. The estimated acreage to be treated is 165 acres.

### 4. ROAD USE.

a. Surface Replacement Deposits. Sale average is \$0.07/MBF and will be paid in addition to Road Maintenance (\$0.03/MBF) and stumpage deposits.

b. Water use. See Contract Area Map for specific locations of water drafting site. Because of the severe drought conditions we are experiencing in the Region, the Caesar Fire Salvage Stewardship Contract includes a stewardship project that involves the delivery, installation, plumbing and rental of a water tower to be positioned near the Rubicon River just to the northwest of the Ellicott Bridge on 14N08W. It is intended that this water source will be made available under this contract. If weather conditions and rainfall are sufficient to allow the use of other water sources then said use must be agreed to by the Forest Service in writing and the water tower described above may not be installed. Complete dust abatement shall be continuous as needed to control dust.

c. The appraised haul route to the Sierra Pacific Industries Lumber Mill in Lincoln begins in the middle of the sale on Wentworth Springs Road west of Eleven Pines Road, proceeding west on Wentworth Springs road (ELD 63) to Highway 193, then North to Highway 49 to Auburn, then West to Newcastle, then Highway 193 to Lincoln.

If purchaser wants to use an alternate haul route, it shall be subject to agreement with the Forest Service.

d. Approximately .25 miles of engineered temporary roads are included in the road package for this project. These temporary roads will be constructed or reconstructed in accordance with the associated road plans. Other temporary roads may be constructed or used by agreement.

e. Maintenance of the Eleven Pines Road (Road 14N08) is a Forest Service responsibility, however Contractor must conduct operations so as to protect this road from damage during all phases of the operations conducted under this Contract.

f. Pursuant to K-F.1.1#, Eldorado County has issued the Forest Service an Encroachment Permit to allow the construction and use of the intersection of road 12N29\_T1 with Wentworth Springs Road. The Encroachment Permit also addresses specific signing and traffic control requirements for removing timber adjacent to the Wentworth Springs Road. The Eldorado County Department of Transportation will perform periodic inspections to insure Purchaser is in compliance with the requirements of the Encroachment Permit.

The Purchaser of the Pompeii Fire salvage Stewardship contract will need to comply with the terms of the Encroachment Permit. The terms of this Encroachment Permit include the following insurance requirements: the permit requires Commercial General Liability Insurance of not less than \$1,000,000 combined single limit per occurrence, Automobile Liability Insurance of not less than \$1,000,000, Full Workers Compensation and Employee Liability Insurance covering all employees of the permittee. Professional Liability insurance (if applicable) with a limit of liability not less than \$1,000,000

The Certificate of Insurance must include the following provisions stating that,

1. The insurer will not cancel the insured's coverage without 30 day written notice to the County of Eldorado.
2. The County of Eldorado, its officers, employees and volunteers are included as additional insured, but only insofar as the operations under this Agreement are concerned. This provision shall apply to all liability policies except workers compensation and professional liability insurance policies.

A complete copy of the Encroachment Permit is available for review at the Forest Service office in Placerville, 100 Forni Road and at the Georgetown Ranger District, 7600 Wentworth Springs Road, Georgetown, CA.

#### 5. PROJECT OPERATIONS SCHEDULE - K-G.3.1.5#

To protect sensitive nesting species, for the 2016 operating season, in portions of units listed, all harvest, stewardship projects and road/landing reconstruction are prohibited during the LOP (Limited Operating Period) between February 15th through the completion of surveys or August 15th, whichever is earlier. LOP's may be lifted by Forest Service wildlife specialists if surveys in a given area show that there are no nesting birds. For the 2017 operating season the Limited Operating Period is March 1st through August 15th in areas where owls are discovered.

In units 693a, 695b, 695c, 695d, 734a, 734b, 734c and 734d, Forest Service Shall be notified 5 days prior to any operations within units listed and shown as orange on the Contract Area Map for control of operations in Controlled Areas.

All operations are prohibited within areas flagged in Red and black striped flagging. Boundaries of these areas have trees painted with orange stripes. Trees within these areas are not designated for cutting. These areas are designated on the Contract Area Map as Leave Islands.

#### 6. EROSION PREVENTION CONTROL K-G.6#.

Special Erosion and Prevention is required and consists of spreading slash or wood chips on skid trail and temporary roads for a distance of 100 feet from landings. In addition, a 25 foot wide slash mat will be placed on the downslope portion of all landings. Slash mat is defined as consisting of generally slash material less than 6 inches in diameter spread in such manner as to provide a minimum of approximately 70% ground cover. It is expected that slash generated on the landings will be available in sufficient quantities to accomplish this work. Specific areas will be designated by the Forest Service as operations progress. No more than 10 acres of Special Erosion Prevention Control work will be required as shown on Contract Area Map.

#### 7. STEWARDSHIP PROJECTS

There are 5 mandatory stewardship projects in this contract. See contract for specific units where projects will occur.

Project # 1 Mandatory - Biomass Cutting and Removal - Harvest Units - 753 acres

1. Unless otherwise agreed, the contractor shall cut and remove all dead conifer trees, greater than 10 inches DBH and less than 20 inches DBH not identified as leave trees. Unless otherwise agreed, Biomass Cutting and Removal requirements shall be done concurrently with the logging activities. No biomass tree cutting shall occur within streamcourse buffer strips shown on Contract Area Map and leave islands identified on the ground and shown on Contract Area Map.
2. Unless otherwise agreed, within all units designated in the above table, tree bole material greater than 10 feet in length from all hardwood and conifer trees required to be cut, including that material associated with the felling of hazard trees, shall be removed to landings or agreed upon disposal sites within the units and machine piled or decked in accordance with K-G.7# - Slash Treatment with the following exception.

Leave two of the largest trees per acre that are greater than 15 inches large end diameter and 30 feet long.

3. All stump heights, shall meet the requirements as stated in A.6

Project # 2 Mandatory - Biomass Cutting and Removal - Non-harvest Units - 33 acres

1. Unless otherwise agreed, the contractor shall cut all dead conifer trees, greater than 8 inches DBH and less than 28 inches DBH not identified as leave trees. Notwithstanding above, no biomass tree cutting shall occur within streamcourse buffer strips shown on Contract Area Map and leave islands identified on the ground.

2. Unless otherwise agreed, within all units designated in the above table, tree bole material > 10 feet in length from all conifer trees required to be cut shall be removed to landings or agreed upon disposal sites within the units and machine piled or decked in accordance with K-G.7# - Slash Treatment with the following exception. Leave two of the largest trees per acre that are greater than 15" large end diameter and 30 feet long.

3. All stump heights, shall meet the requirements as stated in A.6

Project # 3 Mandatory - Mastication - 112 acres

1. Unless otherwise agreed, all brush, both dead and alive, greater than 6 inches in height shall be machine masticated (shredded, mulched, or chipped). Pacific yews, black oaks, dogwoods, aspen, elderberry and California nutmeg vegetation shall not be masticated unless necessary for equipment accessibility. Live oak and tan oak with a stump diameter of less than 6 inches shall be treated.

2. Contractor shall masticate all dead conifer trees, not designated as leave trees, <10 inches stump diameter.

3. All masticated vegetation shall have a stump height generally no greater than 3 inches above ground level as measured on the uphill side or 6 inches above obstacles (i.e. large rocks, down logs not designated for mastication).

4. Existing unmerchantable logs > 12 inches at the small end diameter and > 10 feet in length shall not be masticated. Existing snags > 16 inches dbh shall not be masticated. Contractor shall not masticate vegetation within Streamcourse Buffer Strips shown on Contract Area Map or leave islands unless otherwise flagged on-the-ground by the Forest Service or agreed to in writing.

5. Within units designated for mastication >10 acres in size, Forest Service, or Contractor by agreement, may identify small groups (0.25-0.5 acres) of conifers, hardwoods and brush to be retained to meet wildlife cover objectives. Approximately 1 group per 10 acres may be identified to be left untreated.

6. Residual masticated vegetative debris resulting from contractor's operations shall lie flat on the ground and generally not exceed 12 inches in height. Individual pieces of vegetative debris shall generally not exceed 6 feet in length. No masticated or cut material shall accumulate against leave trees.

7. Forest Service, at its discretion, may eliminate areas requiring mastication when Forest Service determines that mastication is unnecessary to meet management objectives or would detrimentally affect resources. In the event areas are eliminated, Forest Service may remeasure quantities as described below under Inspection and Acceptance.

Project # 4 Mandatory - Machine Piling by the Hour - 100 hours

1. Forest Service shall designate areas after completion of logging within cutting units, on slopes generally <35%, concentrations of Logging Slash, which shall be Machine Piled by tractor equipped with brush rake for disposal by Forest Service. Contractor shall leave two of the largest trees per acre that are greater than 15 inches large end diameter and 30 feet long scattered throughout the unit

2. Unless otherwise agreed, Machine Piling in each unit shall be completed within 90 days of acceptance of logging requirements by Forest Service.

3. Payment method shall be on an hourly basis. Contractor shall keep a daily log of piling hours by unit. Log book shall be made available for inspection upon request by the Forest Service to verify hours worked and payment amounts.

Project # 5 Mandatory - Grapple Piling by the Hour - 100 hours

1. Forest Service shall designate areas after completion of logging within cutting units, on slopes generally <35%, concentrations of Logging Slash, which shall be piled using equipment with a boom having an operating radius of at least 20 feet and equipped with a grapple. Contractor shall leave two of the largest trees per acre that are greater than 15 inches large end diameter and 30 feet long scattered throughout the unit
2. Unless otherwise agreed, Grapple Piling in each unit shall be completed within 90 days of acceptance of logging requirements by Forest Service.
3. Payment method shall be on an hourly basis. Contractor shall keep a daily log of piling hours by unit. Log book shall be made available for inspection upon request by the Forest Service to verify hours worked and payment amounts.

8. SPECIFIED FIRE REQUIREMENTS

- a. Bidders are encouraged to review the sample contract provisions for fire prevention: K-H.2# - Specified Fire Precautions. (06/2012), and K-H.2.2# - Emergency Precautions. (06/2012).
- b. The Project Activity Level (PAL), an industrial operations fire precaution system, will be used for this sale. Weather Stations will be used to calculate the Project Activity Level. The normal operating season is from May 1 to October 15. Average days per month at each PAL value for the period 1992 to 2012 is shown in the attached table.

The successful offeror shall register in the Central Contractor Registration (CCR) at [www.ccr.gov](http://www.ccr.gov).

INSTRUCTIONS FOR THE PREPARATION OF TECHNICAL AND PRICE PROPOSALS

(a) General Instructions. Proposals submitted shall be furnished in the following format with the numbers of copies as specified below.

(1) - The proposal must include a technical proposal and price proposal. Each of the parts shall be separate and complete so that evaluation of one may be accomplished independently from evaluation of the other. The technical proposal must not contain reference to cost.

(2) - Offerors may, at their discretion, submit alternate proposals or proposals which deviate from the requirement; provided, that an offeror also submit a proposal for performance of the work as specified in the statement of work. Any "alternate" proposal may be considered if overall performance would be improved or not compromised, and if it is in the best interest of the Government. Alternate proposals, or deviations from any requirement of this Request for Proposal (RFP), must be clearly identified.

OR

(2) Offerors must submit a proposal that meets all requirements specified in the sample contract. No alternate proposals will be accepted.

(3) - The Government will evaluate proposals in accordance with the evaluation criteria set forth below.

(4) - Offerors shall submit their proposal(s) in the following format and the quantities specified:

(i.) One copy of the completed, signed offer form FS-2400-14BV or FS-2400-14BVU provided by the Forest Service for this contract.

(ii.) Three copies of the technical proposal.

(iii.) One copy of the business/cost proposal.

(b) Technical Proposal Instructions. Technical proposals will be evaluated to determine the ability of the Contractor to meet the requirements of the Government. As a minimum, the proposal must clearly provide the following: See the attached Technical Proposal Form for the Evaluation Factors and Subfactors.

EVALUATION, NEGOTIATION AND AWARD PROCESS

Proposals will be evaluated and rated to determine which offerors are within a competitive range, price and other factors considered. Award may be made without further negotiations. Proposals should be submitted initially on the most favorable terms that the offeror can submit to the Government, from both price and technical standpoints. However the Government may, after evaluation of proposals, conduct further oral or written discussions as appropriate, with all offerors whose proposals are within a competitive range. Proposals that do not address one or more criteria or subfactors, may not be considered further for award.

Firms lacking a past performance record (e.g., new firms or those with no relevant experience within their organization) will be treated as an unknown performance risk, receiving a neutral score in this criteria. A neutral score will be established as the average of all other competing offerors, or the average of the total score available, whichever is less.

#### EVALUATION CRITERIA

The evaluation factors for this contract and their relative importance are listed below in descending order of priority. All subfactors within a factor are equal in weight.

<u>Factor</u>	<u>Approximate Weight</u>
A. Price	52%
B. Technical Approach	16%
1. Plan of Operations	
2. Quality Control	
3. Contract Manager and On-the-Ground Supervisor(s)	
4. Equipment	
5. Production Capability	
C. Capability and Past Performance	16%
1. Key Personnel	
2. Subcontractors	
3. Past Contacts	
D. Utilization of Local Workforce	16%
E. Other	0%

**Award Statement.** One award will be made to the offeror (a) whose proposal is technically acceptable and (b) whose technical/price relationship is the most advantageous to the Government. All technical evaluation factors (B-D), when combined, are \_\_\_\_\_ price (A). The critical factor in making any technical/price trade-off is not the spread between the technical ratings, but rather the significance of that difference. The significance of the spread in ratings will be determined on the basis of what that difference might mean in terms of performance and what it would cost the Government to take advantage of it. Award may not necessarily be made for technical capabilities that would appear to exceed those needed for fulfilling the requirements of this contract. The Government reserves the right to make cost/technical trade-offs that are in the best interest and to the advantage of the Government.

Price proposals will not be scored.

## POSTAWARD DEBRIEFING OF OFFERORS

- (a) (1) An offeror, upon its written request received by the agency within 3 days after the date on which that offeror has received notification of contract award in shall be debriefed and furnished the basis for the selection decision and contract award.
- (2) To the maximum extent practicable, the debriefing should occur within 5 days after receipt of the written request.
- (3) An offeror that was notified of exclusion from the competition, but failed to submit a timely request, is not entitled to a debriefing.
- (4) (i) Untimely debriefing requests may be accommodated.
- (ii) Government accommodation of a request for delayed debriefing, or any untimely debriefing request, does not automatically extend the deadlines for filing protests. Debriefings delayed could affect the timeliness of any protest filed subsequent to the debriefing.
- (b) Debriefings of successful and unsuccessful offerors may be done orally, in writing, or by any other method acceptable to the Contracting Officer.
- (c) The Contracting Officer should normally chair any debriefing session held. Individuals who conducted the evaluations shall provide support.
- (d) At a minimum, the debriefing information shall include-
- (1) The Government's evaluation of the significant weaknesses or deficiencies in the offeror's proposal, if applicable;
- (2) The overall evaluated cost or price (including unit prices) and technical rating, if applicable, of the successful offeror and the debriefed offeror, and past performance information on the debriefed offeror;
- (3) The overall ranking of all offerors, when any ranking was developed by the agency during the source selection;
- (4) A summary of the rationale for award;
- (5) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror; and
- (6) Reasonable responses to relevant questions about whether source selection procedures contained in the solicitation, applicable regulations, and other applicable authorities were followed.
- (e) The debriefing shall not include point-by-point comparisons of the debriefed offeror's proposal with those of other offerors. Moreover, the debriefing shall not reveal any information prohibited from disclosure by Federal Acquisitions Regulations 24.202 or exempt from release under the Freedom of Information Act (5 U.S.C. 552) including-
- (1) Trade secrets;
- (2) Privileged or confidential manufacturing processes and techniques;
- (3) Commercial and financial information that is privileged or confidential, including cost breakdowns, profit, indirect cost rates, and similar information; and
- (4) The names of individuals providing reference information about an offeror's past performance.
- (f) An official summary of the debriefing shall be included in the contract file.

Prospectus Attachment for Pompeii Fire Salvage Stewardship

K-G.9# - STEWARDSHIP PROJECTS.

Unit Number	Logging Type	Acres	Project 1 - Mandatory Biomass Cutting and Removal (Harvest Units)	Project 2 - Mandatory Biomass Cutting and Removal (Non-Harvest Units)	Project 3 - Mandatory Mastication	Project 4 - Mandatory Machine Piling by the Hour	Project 5 - Mandatory Grapple Piling by the Hour
23	Conventional	30	30	--	--	--	--
72	Road Hazard	26	--	--	--	--	--
81a	Conventional	1	1	--	--	--	--
81c	Road Hazard	37	--	--	--	--	--
82	Conventional	14	14	--	--	--	--
83	Conventional	30	30	--	--	--	--
450	Conventional	22	22	--	--	--	--
451	Conventional	17	17	--	--	--	--
675a	Road Hazard	5	--	--	--	--	--
675b	Road Hazard	5	--	--	--	--	--
679	Conventional	2	2	--	--	--	--
679a	Conventional	49	--	--	--	--	--
679b	Conventional	6	6	--	--	--	--
679c	Conventional	50	50	--	--	--	--
681a	Conventional	29	29	--	--	--	--
681b	Conventional	23	23	--	--	--	--
681c	Conventional	37	37	--	--	--	--
681d	Conventional	112	112	--	--	--	--
681e	Conventional	18	18	--	--	--	--
681f	Conventional	2	2	--	--	--	--
681g	Conventional	23	23	--	--	--	--
680	Conventional	19	19	--	--	--	--
683	Conventional	74	74	--	--	--	--
685	Conventional	64	64	--	--	--	--
689	Conventional	17	17	--	--	--	--
689a	Conventional	30	30	--	--	--	--
693	Conventional	20	20	--	--	--	--
693a	Shovel (SL)	0.5	0.5	--	--	--	--
693b	Road Hazard	40	--	--	--	--	--
693c	Road Hazard	21	--	--	--	--	--
675c	Road Hazard	1	--	--	--	--	--
693d	Conventional	3	3	--	--	--	--
693e	Conventional	0.5	0.5	--	--	--	--
695	Conventional	31	31	--	--	--	--
695a	Conventional	6	6	--	--	--	--
695b	Shovel (SL)	8	8	--	--	--	--
695c	Shovel (SL)	0.2	0.2	--	--	--	--
695d	Shovel (SL)	2	2	--	--	--	--
695e	Shovel (SL) Road Hazard	23	--	--	--	--	--
697	Conventional	7	7	--	--	--	--
699a	Conventional	15	15	--	--	--	--
699b	Conventional	8	8	--	--	--	--
699c	Conventional	28	28	--	--	--	--
700	None	21	--	21	--	--	--
701	None	10	--	--	10	--	--
702	None	7	--	7	--	--	--
703	None	28	--	--	28	--	--
704	None	12	--	--	12	--	--
707	None	7	--	--	7	--	--
714	None	15	--	--	15	--	--
716	None	5	--	5	--	--	--
717	None	10	--	--	10	--	--
722	None	4	--	--	4	--	--
723	None	26	--	--	26	--	--
700a	Road Hazard	18	--	--	--	--	--
734	Conventional	42	--	--	--	--	--
734a	Shovel (SL)	0.5	0.5	--	--	--	--
734b	Shovel (SL)	2	2	--	--	--	--
734c	Shovel (SL)	0.3	0.3	--	--	--	--
734d	Shovel (SL)	1	1	--	--	--	--
	<b>Totals</b>	<b>1165</b>	<b>753</b>	<b>33</b>	<b>112</b>	<b>100</b>	<b>100</b>

**Project # 1 Mandatory - Biomass Cutting and Removal -Harvest Units**

1. Unless otherwise agreed, within all specified conventional harvest units designated in the above table, the contractor shall cut and remove all dead conifer trees, greater than 10" DBH and less than 20" DBH not identified as leave trees. Unless otherwise agreed, Biomass Cutting and Removal requirements shall be done concurrently with the logging activities. No biomass tree cutting shall occur within streamcourse buffer strips shown on Contract Area Map and leave islands identified on the ground and shown on Contract Area Map.
2. Unless otherwise agreed, within all units designated in the above table, tree bole material greater than 10 feet in length from all hardwood and conifer trees required to be cut, including that material associated with the felling of hazard trees, shall be removed to landings or agreed upon disposal sites within the units and machine piled or decked in accordance with K-G.7# - Slash Treatment with the following exception. Leave two of the largest trees per acre that are greater than 15" large end diameter and 30' long.
3. All stump heights, shall meet the requirements as stated in A.6

**Project # 2 Mandatory - Biomass Cutting and Removal - Non-harvest Units**

1. Unless otherwise agreed, within all units designated in the above table, the contractor shall cut all dead conifer trees, greater than 8" DBH and less than 28" DBH not identified as leave trees. Notwithstanding above, no biomass tree cutting shall occur within streamcourse buffer strips shown on Contract Area Map and leave islands identified on the ground.
2. Unless otherwise agreed, within all units designated in the above table, tree bole material > 10 feet in length from all conifer trees required to be cut shall be removed to landings or agreed upon disposal sites within the units and machine piled or decked in accordance with K-G.7# - Slash Treatment with the following exception. Leave two of the largest trees per acre that are greater than 15" large end diameter and 30' long.
3. All stump heights, shall meet the requirements as stated in A.6

**Project # 3 Mandatory - Mastication**

1. Unless otherwise agreed, within all units designated in the above Specification table, all brush, both dead and alive, greater than 6 inches in height shall be machine masticated (shredded, mulched, or chipped). Pacific yews, black oaks, dogwoods, aspen, elderberry and California nutmeg vegetation shall not be masticated unless necessary for equipment accessibility. Live oak and tan oak with a stump diameter of less than 6" shall be treated

2. Contractor shall masticate all dead conifer trees, not designated as leave trees, <10 inches stump diameter.
3. All masticated vegetation shall have a stump height generally no greater than 3 inches above ground level as measured on the uphill side or 6 inches above obstacles (i.e. large rocks, down logs not designated for mastication).
4. Existing unmerchantable logs > 12 inches at the small end diameter and > 10 feet in length shall not be masticated. Existing snags > 16 inches dbh shall not be masticated. Contractor shall not masticate vegetation within Streamcourse Buffer Strips shown on Contract Area Map or leave islands unless otherwise flagged on-the-ground by the Forest Service or agreed to in writing.
5. Within units designated for mastication >10 acres in size, Forest Service, or Contractor by agreement, may identify small groups (0.25-0.5 acres) of conifers, hardwoods and brush to be retained to meet wildlife cover objectives. Approximately 1 group per 10 acres may be identified to be left untreated.
6. Residual masticated vegetative debris resulting from contractor's operations shall lie flat on the ground and generally not exceed 12 inches in height. Individual pieces of vegetative debris shall generally not exceed 6 feet in length. No masticated or cut material shall accumulate against leave trees.
7. Forest Service, at its discretion, may eliminate areas requiring mastication when Forest Service determines that mastication is unnecessary to meet management objectives or would detrimentally affect resources. In the event areas are eliminated, Forest Service may remeasure quantities as described below under Inspection and Acceptance.

**Project Number 4 Mandatory - Machine Piling by the Hour**

1. Forest Service shall designate areas after completion of logging within cutting units, on slopes generally <35%, concentrations of Logging Slash, which shall be Machine Piled by tractor equipped with brush rake for disposal by Forest Service. Contractor shall leave two of the largest trees per acre that are greater than 15" large end diameter and 30' long scattered throughout the unit
2. Unless otherwise agreed, Machine Piling in each unit shall be completed within 90 days of acceptance of logging requirements by Forest Service.
3. Payment method shall be on an hourly basis. Contractor shall keep a daily log of piling hours by unit. Log book shall be made available for inspection upon request by the Forest Service to verify hours worked and payment amounts.

**Project Number 5 Mandatory - Grapple Piling by the Hour**

1. Forest Service shall designate areas after completion of logging within cutting units, on slopes generally <35%, concentrations of Logging

2. Slash, which shall be piled using equipment with a boom having an operating radius of at least 20 feet and equipped with a grapple. Contractor shall leave two of the largest trees per acre that are greater than 15" large end diameter and 30' long scattered throughout the unit
3. Unless otherwise agreed, Grapple Piling in each unit shall be completed within 90 days of acceptance of logging requirements by Forest Service.
4. Payment method shall be on an hourly basis. Contractor shall keep a daily log of piling hours by unit. Log book shall be made available for inspection upon request by the Forest Service to verify hours worked and payment amounts.

#### **GOVERNMENT QUALITY ASSURANCE PLAN**

Inspection (General): Government inspections are for the purpose of satisfying the Government that the services are acceptable and do not relieve the Contractor of the responsibility for maintaining quality control. The Contractor shall conduct inspections on all units in accordance with the Contractor's Quality Control Plan included in the Contractor's technical proposal which is made part of this contract.

#### **Inspection (Specific):**

##### **Project 1 and 2: Biomass Cutting and Removal (Conventional/Shovel and Non Harvest Units)**

###### Measurable Performance Standards

- Cutting of all conifers as specified above
- Removal of cut trees to disposal sites as specified above
- Piling or Decking of removed material in accordance with Piling and Decking contractual specifications.
- Height of stumps after cutting

##### **Project 3: Mastication**

###### Measurable Performance Standards

- Size and distribution of material after mastication
- Height of stumps after masticating
- Amount of damage to residual vegetation
- Amount of soil displacement; maintenance of duff and litter largely intact
- Conifer trees thinned to specified spacing
- No trees greater than 10 inches at stump diameter cut

##### **Project 4 Machine Piling By the Hour**

###### Measurable Performance Standards

- Compactness and size of pile

- Pile placement relative to residual vegetation, improvements, streamcourses/riparian reserves
- Avoidance of slopes >35%, streamcourses/riparian reserves, and other protected areas
- Amount of soil displacement; maintenance of duff and litter largely intact
- Amount of soil in piles

Project 5 Grapple Piling By the Hour

Measurable Performance Standards

- Compactness and size of piles
- Pile placement relative to residual vegetation, improvements, streamcourses/riparian reserves
- Avoidance of slopes >35%, streamcourses/riparian reserves, and other protected areas
- Amount of soil displacement; maintenance of duff and litter largely intact
- Amount of soil in piles

