

Stanislaus National Forest SBC Biomass and Stewardship Conference May 22-23, 2008



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We have a fuels and stand density problem.



- ◆ Ladder and Surface Fuels
- ◆ Wildland Urban Interface (WUI)
- ◆ Watershed and habitat values
- ◆ Drought effects

Tools for Treatments

- ◆ Forest Land and Resource Management Plan
- ◆ Sierra Nevada Forest Plan Amendment 2004
- ◆ HFRA/HFI – Healthy Forest Restoration Act, Healthy Forest Initiative
- ◆ Stewardship Contracting authority was expanded – value of products (credits) can be used to pay for additional treatment on the ground.

Stewardship Projects Stanislaus National Forest



◆ Ongoing

- Granite
- Quartz-Summit Knobs
- Bear Mountain

Quartz-Summit
Knobs (before)

Stewardship Projects

Stanislaus National
Forest



◆ New (refer to STF 5 yr schedule)

- Sourgrass – FY 08, Calaveras RD
- Phase 2 South 108 – FY 09, Mi-Wok RD
- 2 Mile – FY 09/10, Mi-Wok RD
- Soldier Creek – FY 09, Groveland RD

Quartz-Summit
Knobs (after)

Kinds of Work



- ◆ Granite (Pilot Project)
 - ◆ Sawlog and Biomass Removal
 - ◆ Watershed Restoration
 - ◆ Fencing of Meadows
 - ◆ Treatment of Noxious Weeds
 - ◆ Shredding of brush, Precommercial thinning of small trees
- ◆ Quartz – Summit Knobs (IRTC)
 - ◆ Thinning - Sawlog and small trees, chipping and removal (biomass removal)
 - ◆ Optional – machine piling of brush, brush shredding
- ◆ Bear Mountain (IRSC)
 - ◆ Mechanical thinning/biomass removal
 - ◆ Road reconstruction
 - ◆ Optional – shredding of brush, precommercial thinning of small trees

Bear Mountain Stewardship Project Biomass and Sawlog Removal

Groveland Ranger District
Stanislaus National Forest

Value of sawlogs helps to offset the cost of biomass removal or other work.



Meadow Restoration



Volunteers

Aspen Restoration



Working with Inmates
Big Meadow, Calaveras Ranger District



Potential Partners and Opportunities in Stewardship Projects



Tuolumne County Summer of Success

- High School Students
- Funded by RAC in 2007
- Funded by ???? in the future

Sierra Nevada Framework 2004

- ◆ Stanislaus National Forest – using multi-product sales or stewardship contracts to remove sawlogs (10"-29") and biomass (3"-10") to achieve fuels and other objectives.
- ◆ In addition to acreage within those commercial sales, the Forest currently has > 2,445 acres to be implemented in service contracts – biomass removal and brush shredding – environmental analyses have been completed.
- ◆ \$1.3 million dollars for service contracts alone (at \$500/ac for shredding) and actually more for biomass removal.
- ◆ Again, in addition to TS or IRTC acres. Need even more \$ to complete the work, if the value of sawlogs is not available to offset costs of biomass.

Stewardship Contract Types

- ◆ **Integrated Resource Timber Contract**
(IRTC) = Stewardship contract where the value of the commercial products offset or partially offset the cost of treatments.
- ◆ **Integrated Resource Service Contract**
(IRSC) = Stewardship contract where the cost of the treatment exceeds the value of commercial products.



Integrated Resource Timber Contract (IRTC) Overview

Forest Service
Best Value Bidding

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OMB No. 3206-0046 Exp. 11/30/2009

BID FOR INTEGRATED RESOURCE CONTRACT

1. Contract Number: _____ 2. Title and Year for Request of Bid: _____ 3. Opened By: _____ 4. In the Presence of: _____

5. Contract Name: _____ 6. Range: _____ 7. State: _____

8. National Forest: _____ 9. Name of Township: _____ 10. Size of Bid: _____

11. Title and address of Contracting Office (including ZIP): _____ 12. Name of Forester: _____ 13. Date Published: _____

14. City: _____ 15. State: _____

INSTRUCTIONS TO CONTRACTORS: Complete application forms before sending to prospective bidders. Attach copy of contract conditions. Entries are required in Boxes 1, 2, 3, 5, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, and 27 for all contracts. Enter bid options for entries in one or more of columns 24, 25, 26, 27, or 28 and appropriate to the contract.

16. **Timber Bid Information**

Species	Product	Unit of Measure	Estimated Quantity	Rate	Subcontract	Total Rate	Additional Credits for State Disposal	Total Bid
Mandatory Timber Cutting Units:								
Minimum Acceptable Total Bid for Mandatory Timber Cutting Units: \$_____								
Bidder's Total Bid for Mandatory Timber Cutting Units: \$_____								
17. Stewardship Project Bid Information								
	Project Description	Unit of Measure	Estimated Quantity	Rate per Unit	Total Bid			
Mandatory Stewardship Projects: Enter total complete volume (cu and ft): _____								
Optional Stewardship Projects (Bidding Optional): Enter total complete volume (cu and ft): _____								

- ◆ Earning stewardship credits – timber receipts are used to complete other stewardship work on-the-ground
- ◆ Mandatory and optional work
- ◆ Different bidding and award

Bidding on Stewardship Contracts

- ◆ Request for Proposals
- ◆ Best Value Bids
 - ◆ More than just the price
- ◆ What do we look for with best value?
 - ◆ Experience
 - ◆ Utilization of Local Work Force
 - ◆ Capability (equipment)
 - ◆ Supervision
 - ◆ How soon can the contractor complete the work?

EVALUATION AND AWARD OF CONTRACT

- ◆ **5. EVALUATION AND AWARD OF CONTRACT:** The evaluation factors for this contract and their relative importance are listed below in descending order of priority. All sub-factors within a factor are equal in weight.

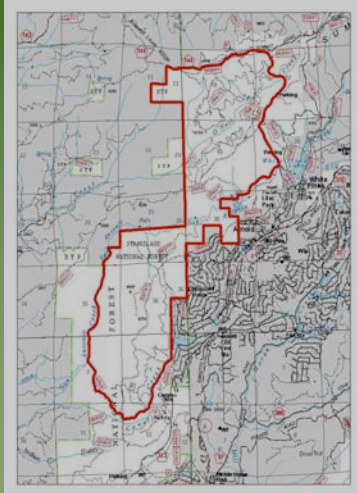
◆ Factor	Approximate Weight
◆ A. Price	xx %
◆ B. Technical Approach	xx %
◆ 1. Plan of Operations	
◆ 2. Quality Control	
◆ 3. Contract Manager and On-the-Ground Supervisors	
◆ 4. Equipment	
◆ 5. Production Capability	
◆ C. Capability and Past Performance	xx %
◆ 1. Key Personnel	
◆ 2. Subcontractors	
◆ 3. Past Contracts	
◆ D. Utilization of Local Work Force	xx %

Examples of Stewardship IRTC Projects



Fuels Treatments in the Wildland Urban Interface

- ◆ Quartz-Summit Knobs near the town of Arnold, California



Quartz-Summit Knobs

Thinned,
biomass
removed
and
brush
shredded



Bear Mountain

After Thinning, Biomass
Removal and Brush
Shredding



Before Thinning

Granite Plantations



Granite Plantations – After Thinning and Biomass Removal



In Conclusion



Granite Stewardship