Attachment A - Work Activity Items

Introduction: The objective of this project is to manage stocking and species composition to lessen susceptibility to insect and disease outbreaks; reduce the risk of high severity wildfire by reducing surface, ladder and crown fuels; increase tree growth and vigor; diversify species age and composition; improve riparian habitat conditions; and decrease point source sedimentation impacts from existing roads.

Mandatory Stewardship Project Number 001 - Pre-Harvest Road Decommissioning

The end result is to decommission the following 3 roads and to restore drainage facilities to the original hydrologic function; obliterate, re-contour, and make undrivable the following 3 roads:

4150259 (T32N R23E Sections 17-18): 0.7 mile (from the junction of the 4150200 to the end of the road).
Non-system Road (T32N R23E Section 5): 0.1 mile (from the junction of the 4150000 to the end of the road).
Non-system Road (T33N R23E Sections 1, 12): 1.4 mile (from the junction of the 4100810 to the end of the road).

Remove culvert(s), de-compact the running surface to a minimum depth of 18 inches and re-contour with available fill material, logging slash, boulders and/or other means appropriate for site conditions. Grass seed all disturbed areas. Grass seed to be provided by the government **(see Attachment B)**.

Payment will be based on miles completed.

Stewardship Project Number 002 - Additional Marking to Meet Prescription

The end result is to retain the *best available trees* to the specified stocking level and/or other *desired condition* as summarized within the Benzer DxPre Specifications *(see **K-C.3.5.5#**)*.

Within their technical proposal, the contractor shall specify how they will meet the specified stocking level for each DxPre unit. Units can be grouped by end result trees per acre. The contractor shall mark the entire subdivision. Partial marking of subdivisions shall not be permitted. The contractor shall use non-tracer orange paint purchased by the contractor and approved by the Forest Service to mark designated leave trees. Subdivisions 042, 068, 635, 638, 639, 645, 655, 661, 662, 674, 680, 682, 685, 686, 687, 690, 693, and 887 are DxPre units and shall be marked prior to harvest.

Mandatory Stewardship Project Number 003 - Machine Fireline Construction

The end result is to construct 1.7 miles of machine fireline along portions of boundaries of subdivisions 668, 698, and 844 as shown on Contract Area Map 2 of 2. From its outside edge, the machine must be able to construct a fireline of 3'-4' to mineral soil. Slash, brush, and debris within 10' (along both sides) of the machine fireline shall be reduced to a height of 1' or less and/or scattered into adjacent subdivision(s). Machine fireline construction is not required

where a subdivision boundary is a road. This work will need to be coordinated with other aspects of this contract. A pre-work meeting shall take place with a Forest Service Representative before construction can begin.

Within their technical proposal, the contractor shall specify how they will meet the specified requirements above.

Payment will be based on miles of fireline constructed.

Optional Stewardship Project Number 004 - Harvest Road Decommissioning

The end result is to decommission the following 8 roads and to restore drainage facilities to the original hydrologic function; obliterate, re-contour, and make undrivable the following 8 roads:

Non-system Road (Subdivision 687): 0.4 mile (east of Subdivision 687 to the end of the road).
Non-system Roads (Subdivision 680): 1.7 miles (south of Subdivision 680 to the end of the road).
Non-system Road (Subdivision 664): 0.5 mile (north of Subdivision 664 to the end of the road).
Non-system Road (Subdivision 668): 0.2 mile (east of Subdivision 668 to the end of the road).
Non-system Road (Subdivision 693): 0.6 mile (from the junction of 4100000 to the junction of the 4150400).
Non-system Road (Subdivision 70): 0.4 mile (north of Subdivision 70 to the end of the road).

Remove culvert(s), de-compact the running surface to a minimum depth of 18 inches and re-contour with available fill material, logging slash, boulders and/or other means appropriate for site conditions. Grass seed all disturbed areas. Grass seed to be provided by the government **(see Attachment B)**.

Payment will be based on miles completed.

Optional Stewardship Project Number 005 - Noxious Weed Spraying

The end result is to effectively treat noxious weeds on 72.0 acres along roads as shown on the Contract Area Map to limit the opportunity for their spread to other locations. Weeds will be spot sprayed within a 15 feet wide right-of-way and ditch line strip on each side of the road between June 1 and June 30. All weed control measures shall comply with all herbicide labels and the applicable laws and regulations of the State of Washington as well as the Okanogan-Wenatchee National Forest Forest-wide Invasive Plant Treatment Environmental Impact Statement which tiers to the Region 6 Invasive Plant Program--Preventing and Managing Invasive Plants EIS and ROD signed 10/11/05.

The Contractor shall perform herbicide application by spot spraying with ATV, backpack, or truck mounted spot sprayers. Weed populations are scattered and patchy and often mixed in with desirable non-target vegetation. Broadcast application with a boom sprayer will be limited to extremely dense weed populations which will comprise less than 10% of the total acres. Mortality and herbicide effects on desirable nontarget vegetation shall be less than 10 percent. At a minimum, 80 percent of the target species shall show mortality or lethal effects from treatment such as wilting, curling or discoloration, or at the time of treatment as indicated by 80% of the leaves coated with the indicator dye. Contractor shall furnish all materials, equipment, labor, supervision, transportation, and operating supplies.

The target species that will make up the bulk of the acres treated is diffuse knapweed with some oxeye daisy, sulfur cinquefoil, whitetop, St. John's Wort, and houndstongue. Other noxious weeds may be present - a list of all potential target weeds with the most effective herbicide will be provided by FS. The use of spreader activators and a blue dye marker will be required. All chemical application rates and specific tank mixes will be according to label and agreed upon at pre-work meeting. FS will supply the spreader activators.

Diffuse Knapweed, Oxeye Daisy, Sulphur Cinquefoil will be treated with Picloram or Aminopyralid (brand names Tordon and Milestone) with a nonionic surfactant. FS will determine which herbicide to use based on the vegetation composition and density of target and non-target species at the time of application at the pre-work meeting.

Whitetop will be treated with Metsulfuron methyl (Brand name Escort or Ally) with a silicone based surfactant.

All other species will be treated with the more effective of the two above listed tank mixes based on the target weed list and which herbicide is most effective for that species.

All herbicide treated areas will be posted with signs provided by Forest Service.

Riparian and Wetland Habitats (areas within 100 feet of surface water) will require only spot spray with Aminopyralid no closer to the water than the high water mark. Total area within 100 feet of surface water will be less than 10%.

Payment will be based on acres treated.

Optional Stewardship Project Number 006 - Aspen Restoration

The end result is to reduce ladder fuels and to increase the vigor of Aspen stands.

Project location: Aspen stand is within Subdivision 673. Refer to Benzer Stewardship Contract Area Map 2 of 2.

Designated cut trees shall be greater than or equal to 2 feet and less than 7 inches DBH within 25' of live aspen stems greater than or equal to 3 feet tall. Cut trees shall be directionally felled away from aspen clones with the intent of protecting the aspen stands.

Fuels treatments for the cut tree material can either be piled on existing machine piles or lopped into 4' lengths and scattered in a single layer so that the highest point of the slash is less than or equal to 1 foot in height.

Payment will be on acres treated up to 5.75.

Optional Stewardship Project Number 007 - Non-Harvest Road Decommissioning

The end result is to decommission the following 3 roads and to restore drainage facilities to the original hydrologic function; obliterate, re-contour, and make undrivable the following 3 roads:

Non-system Road (T32N R23E Sections 5-6): 1 mile (from the junction of 4150000 to the end of the road).
Non-system Road (T32N R23E Section 20): 0.6 mile (from the junction of 4150232 to the end of the road).
Non-system Road (Subdivision 673): 0.1 mile (from the junction of 4100000 to the end of the road).

Remove culvert(s), de-compact the running surface to a minimum depth of 18 inches and re-contour with available fill material, logging slash, boulders and/or other means appropriate for site conditions. Grass seed all disturbed areas. Grass seed to be provided by the government **(see Attachment B)**.

Payment will be based on miles completed.