

**Title II Project Application
Medford District Resource Advisory Committee**

1. Project Number (Assigned by federal unit): OR-115-03-08

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| 2. Project Name: Native Seed Collection & Growout | 3. County: Jackson |
| 4. Project Sponsor: Douglas Kendig, Botanist | 5. Date: May 17, 2002 |
| 6. Sponsor's Phone Number: 541-618-2285 | |
| 7. Sponsors E-mail: dkendig@or.blm.gov | |

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| 8. Project Location (attach project area map) Medford District | |
| a. 4 th Field Watershed Name and HUC #(if known): All | |
| b. 5 th Field Watershed Name and HUC #(if known): All | |
| c. Legal Location: Township ___ Range ___ Section(s) ___ See Map Township ___ Range ___ Section(s) ___ Description: Seeds will be collected across the District from West Cascades to the Siskiyou Mts, and from the CA state line to Roseburg District BLM. | |
| d. BLM District: Medford | e. BLM Resource Area: Butte Falls, Ashland, Grants Pass, Glendale |
| f. National Forest | g. Forest Service District |
| h. State / Private / Other lands involved? X Yes No | |

9. Statement of Project Goals and Objectives:
The objective of this project is to provide a source of native seed for a variety of habitat restoration and soil stabilization projects in compliance with the District Resource Management Plan and Bureau of Land Management policies. Types of native plant material includes grasses, forbs, shrub and hardwood species. District projects in need of native plant seed include habitat improvement after burning, cutbank stabilization, road decommissioning, habitat restoration following noxious weed control, and riparian restoration. In addition seed reserves would be established and maintained for immediate grow-out for rehab efforts after a catastrophic fire event. Native seed is currently unavailable or not available in the quantities necessary for current project needs. Currently, large amounts of non-native seed is used on these projects which spread weeds and other undesired species across the landscape.

10. Project Description: (Provide concise description of project and attach map.)
Seed Collection: Small quantities of native seed would be collected from the field during the summer of 2003 by local contractors. Seed would be collected from five physiographic provinces in the District to provide source seed for grow-out at local nurseries.. Target species for District wide projects would include grasses such as blue wild rye (*Elymus glaucus*), California brome (*Bromus carinatus*), Romer's fescue (*Festuca romeri*), Lemmon's needlegrass (*Achnatherum lemmonii*), and forbs such as broadleaf lupine (*Lupinus latifolius*), and white-leaved lupine (*Lupinus albifrons*), and a variety of forbs and riparian shrub and hardwood species.
Seed Growout: Seed grow-out would occur in the fall of 2003 at Federal and State nurseries or

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contract growers to increase seed amounts. With subsequent funding approval the grow-out of grass seed lots would be contracted out on a larger scale with local grass seed farmers. The objective will be to establish fields or beds for each species and lot collected. Total number of plots is expected to range between 20 and 30 species. Production would vary based on the species and type of native plant material needed, and whether they are grown in fields or beds, or in containers.

Field Projects:

After 1 or 2 years of seed increase from growers, native plant seed and material would be used on BLM District wide projects, such as new road construction, cut bank stabilization, road decommissioning, culvert replacements, road ripping, fuel treatment areas and other projects where native plant material is desirable. Another significant need by the district is to have a supply seed of native species available for quick grow-out in the event of a catastrophic wildfire event.

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| 11. Coordination of this project with other related project(s) on adjacent lands? |
| X Yes No If yes, then describe Bear Creek Watershed Council and Rogue Valley Council of Governments |

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| 12. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)] |
| <input type="checkbox"/> Improves maintenance of existing infrastructure. [Sec. 2(b)] |
| <input checked="" type="checkbox"/> Implements stewardship objectives that enhance forest ecosystems. [Sec. 2(b)] |
| <input checked="" type="checkbox"/> Restores and improves land health. [Sec. 2(b)] |
| <input checked="" type="checkbox"/> Restores water quality. [Sec. 2(b)] |

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| 13. Project Type (check one) [Sec. 203(b)(1)] | |
| <input checked="" type="checkbox"/> Road Maintenance [Sec. 2(b)(2)(A)] | <input checked="" type="checkbox"/> Trail Maintenance [Sec. 2(b)(2)(A)] |
| <input checked="" type="checkbox"/> Road Decommission/Obliteration [Sec. 2(b)(2)(A)] | <input checked="" type="checkbox"/> Trail Obliteration [Sec. 2(b)(2)(A)] |
| <input checked="" type="checkbox"/> Other Infrastructure Maintenance (specify): [Sec. 2(b)(2)(A)] | |
| <input checked="" type="checkbox"/> Soil Productivity Improvement [Sec. 2(b)(2)(B)] | <input checked="" type="checkbox"/> Forest Health Improvement [Sec. 2(b)(2)(C)] |
| <input checked="" type="checkbox"/> Watershed Restoration & Mntc. [Sec. 2(b)(2)(D)] | <input checked="" type="checkbox"/> Wildlife Habitat Restoration [Sec. 2(b)(2)(E)] |
| <input checked="" type="checkbox"/> Fish Habitat Restoration [Sec. 2(b)(2)(E)] | <input checked="" type="checkbox"/> Control of Noxious Weeds [Sec. 2(b)(2)(F)] |
| <input checked="" type="checkbox"/> Reestablish Native Species [Sec. 2(b)(2)(G)] | |
| <input checked="" type="checkbox"/> Other Project Type (specify) [Sec. 2(b)(2)]: | |

Reestablishment of native species will be a component of most of the projects listed above including road maintenance, road decommissioning, soil productivity improvement, watershed restoration, fish habitat restoration, trail maintenance, trail obliteration, forest health improvement, wildlife habitat restoration, and noxious weed control. Native seed and plant material are necessary to achieve current revegetation objectives of these and other projects.

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| 14. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)] | |
| a. Total Acres: 30 | b. Total Miles: |

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| c. No. Structures: | d. Est. People Reached |
| e. No. Laborer Days: | (for environmental education projects): |
| f. Other (specify): | |

15. Duration of Project and Estimated Completion Date: [Sec. 203(b)(2)]

Project would begin in FY 2003 and continue for 3 years subject to approval of additional funding.

16. Target Species Benefited: (if applicable)

17. How will cooperative relationships among people that use federal lands be improved? [Sec. 2(b)(3)]

Habitat improvement projects would benefit increased forage and hiding cover for wildlife on public lands.

18. How is this project in the best public interest? [Sec. 203(b)(7)] **Identify benefits to communities.**

The intent of this project is to develop a supply of native seed and seed reserves for local projects and develop a group of local growers would benefit from federal contract dollars being disbursed to the local farming community and increase employment. Increased production of seed by local growers will reduce overall product cost to the government in the long-run. This project would assist in providing native plant material and seed for projects on federal lands and watershed restoration projects instead of allowing the use and spread of non-native species or noxious weeds to meet desired natural resource management goals

19. How does project benefit federal lands/resources?

Use of native species in habitat restoration will improve fish and wildlife habitat and general forest health. Impacts from exotic and noxious plant species are well documented as having long-term detrimental impacts. Invasion of exotic and noxious weeds reduces habitat suitability for fish and wildlife, reduces forage for native wildlife and domestic livestock, and increases the cost of maintaining recreation areas and establishment of new timber stands after logging.

| 20. Status of Project Planning | | | |
|---|--------------|-------------|-------------------------|
| a. NEPA Complete: | G Yes | G No | not applicable |
| If no, give est. date of completion: | | | |
| c. NMFS Sec. 7 ESA Consultation Complete: | G Yes | G No | not applicable |
| d. USFWS Sec. 7 ESA Consultation Complete: | G Yes | G No | not applicable |
| e. Survey & Manage Complete: | G Yes | G No | X Not Applicable |
| f. DSL/ODFW* Permits for In-stream Work Obtained: | G Yes | G No | X Not Applicable |
| g. DSL/COE* 404 Fill/Removal Permit Obtained: | G Yes | G No | X Not Applicable |
| h. SHPO* Concurrence Received: | G Yes | G No | X Not Applicable |
| i. Project Design(s) Completed: | G Yes | G No | Existing contracts |
| * DSL = Dept. of State Lands, ODFW = Oregon Dept. of Fish and Wildlife, COE = Army Corps of Engineers, SHPO = State Historic Preservation Officer | | | |

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| 21. Proposed Method(s) of Accomplishment | |
| <input checked="" type="checkbox"/> Contract | <input type="checkbox"/> Federal Workforce |
| <input type="checkbox"/> County Workforce | <input type="checkbox"/> Volunteers |
| <input type="checkbox"/> Other (specify): | |

22. Will the Project Generate Merchantable Materials? [Sec. 204(e)(3)]
 Yes No

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| 23. Anticipated Project Costs [Sec. 203(b)(3)] | |
| a. Total County Title II Funds Requested: \$80,000 | |
| b. Is this a multi-year funding request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, then display by fiscal year | |
| c. FY03 Request: \$80,000 | f. FY06 Request: |
| d. FY04 Request: | g. FY07 Request: |
| e. FY05 Request: | |

This proposal is an integrated funding proposal using regular federal appropriations and Title II funding. Future Title II may be requested.

First year costs include field collections, sowing and grow-out. Subsequent years, if approved, would cover similar activities and cost, but would shift more towards seed/plant material production.

Depending on the species grown, full production potential (lbs/acre) may occur the 1st year after sowing or in some cases year 2 or 3 after sowing.

This request would be co-funded with regular federal appropriation.

Table 1. Project Cost Analysis

| Item | <i>Column A</i> Fed. Agency Appropriated Contribution [Sec. 203(b)(4)] | <i>Column B</i> Requested County Title II Contribution [Sec. 203(b)(4)] | <i>Column C</i> Other Contributions [Sec. 203(b)(4)] | <i>Column D</i> Total Available Funds |
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| 24. Field Work & Site Surveys | | | | |
| 25. NEPA & Sec. 7 ESA Consultation | | | | |
| 26. Permit Acquisition | | | | |
| 27. Project Design & Engineering | | | | |
| 28. Contract Preparation | | \$2,000 | | \$2,000 |
| 29. Contract Administration | | \$4,000 | | \$4,000 |
| 30. Contract Cost | \$158,000* | \$72,000 | \$20,000 | \$252,000 |
| 31. Workforce Cost | | | | |
| 32. Materials & Supplies | | | | |
| 33. Monitoring | \$2,000 | \$2,000 | | \$4,000 |
| 34. Other | | | | |
| 35. Project Sub-Total | | | | |
| 36. Indirect Costs (Overhead) (per year for multi-year projects) | | | | |
| 37. Total Cost Estimate | \$160,000 | \$80,000 | | \$260,000 |

* Medford District receive \$160,000 in FY02 and expects a similar amount in FY03.

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38. Identify Source(s) of Other Funding for Project Identified Above [Sec. 203(b)(4)]

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39. Monitoring Plan [Sec. 203(b)(6)]

a. What measures or evaluations will be made to determine how well the proposed project meets the desired ecological conditions? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?

Strict control of collectors and collections, locations and handling of seed and plant material until delivery to BLM. Regular visits to nurseries and contractors to evaluate fields and grow-out operating and seed lot performance. All contract growers are required to register seed lots with State Seed Certification Service. Seed tests are required by certified seed labs and include weight, purity, and germination. Douglas Kendig or Dave Henneman would monitor the project and ensure quality control standards are met.

b. How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs programs such as the Youth Conservation Corps? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?

Total contract dollars spent on local contractors and growers and yields by species would be reported on year-end reports.

c. What methods and measures of evaluation will be established to determine how well the proposed project improves the use of, or added value to, any products removed from federal lands consistent with the purposes of this Act? [Sec. 203(b)(6) and Sec. 204(e)(3)] Who will be responsible for this monitoring item?

Not applicable.

d. Identify total funding needed to carry out specified monitoring tasks (Table 1, item 33)

Amount: \$4,000

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County Commissioner Concurrence

(Majority required per charter)

A majority of the county commissioners of Jackson County
have reviewed this proposed Public Law 106-393 project for the
Advisory Council and agree with the proposal as submitted, except for the comments noted below:

Attested by Commissioner

Date

Priority Rating:

G High **G** Medium **G** Low

Comments/Rational: