

**GRANT PROGRAM – Urban and Community Forestry
(FY 2006)**

COORDINATOR – David T. Limtiaco

STATEMENT OF NEED/BACKGROUND

Guam is located at thirteen degrees north latitude and 144 degrees longitude or in the western part of the Pacific Ocean. This location places Guam in typhoon alley which ravage the Pacific yearly. This poses a unique challenge in providing the proper planting and maintenance of trees in the urban environment to mitigate the effects of these storms on the trees and associated water run-off.

Guam is experiencing great challenges in promoting economic growth and simultaneously maintaining a healthy and sound ecosystem. Resource managers are faced with the responsibility of making tough decisions affecting multiple land use. Picturesque landscapes that once dominated the island's interior and coastal areas are no longer common. Uncontrolled development in the last few decades has caused serious ecological damages to the environment. The newly created urban sprawls and the associated run-off are affecting Guam's coral reef preserves.

The U&CF program will be promoting responsible stewardship through community activities and projects in addressing the urban issues facing Guam.

GOALS

- A. Develop guidelines on the use of more local tree species in urban tree plantings to enhance wildlife habitat and promoting local culture awareness.
- B. Assist communities in becoming compliant with the Urban & Community Forestry program requirements.
- C. Develop a local training program for Guam for ISA arborist & Tree Worker Certification.
- D. Promote Guam Arbor Day in communities through a cooperative island-wide tree planting campaign.
- E. Assist in eradication or control of tree pests and diseases in the urban areas.
- F. Assist communities in the wildland urban interface in designing fire safe communities.
- G. Implement and maintain urban trees inventory database for Guam.

OBJECTIVES

- A. Assisting 3 communities in becoming managing communities.
- B. Enhance the environment by planting trees along roadsides, parks, school grounds and barren areas further inland (to satisfy Clean Water Act requirements).
- C. Develop Guam Tree Ordinances and pass through Guam Legislature for enactment into Law.
- D. Have 3 Urban Forestry Council Meetings for the Year.
- E. Have 2 communities apply for Tree City USA.
- F. Have 2 arborist workshops for Guam for the 2006 fiscal year.

LEVEL I-Base program

Funding for the “base program” provides for staff and a modest level of operations to be conducted by staff. The program is staffed with an urban and community forestry program coordinator, David T. Limtiaco/Joseph Tuquero/ Ricardo Lizama, part time volunteer coordinator (Belmina Soliva) and four forestry aides, two who were assigned full-time were shifted 50% into the fire program as UCF funding for Guam has decreased by \$60,000 and the other two are assigned part-time. A clerk typist is assigned part-time (25%) to the program to conduct administrative matters. The chief of forestry is also assigned part-time (25%) to the program to oversee the administration of the U&CF program.

Administration (provides leadership and direction towards goals (A,B,C,D))

OBJECTIVES:

1. The program is currently staffed with a part time volunteer coordinator for outreach to communities and organizations. Staff skills will be improved (policy, management/or and technical topics).

ACTIVITIES & TIMELINE:

- Program and volunteer coordinator attends staff development training, offered by the Government of Guam.
- Attend committee meetings.
- Visit project sites.

EVALUATION/MONITORING: Local government personnel practices.

Communication (enabling progress towards Goals A,B,C,D)

OBJECTIVES:

2. The public will be aware of the island’s U&CF Strategic Plan and available programs.
3. The public will be aware of the importance of community forests.
4. Technical information on plant care and pest awareness will be provided to the public.

ACTIVITIES & TIMELINE

- Attend Mayor’s Council monthly meeting.
- Communicate with individual village Mayoral Office.
- Encourage partnership with non-profit organizations (Parent Teacher Organization, Boy/Girl Scouts of America, N.H.S., N.J.H.S., and other environmental interest groups).
- Distribution of local U&CF brochures and other urban forestry related materials.

- Technical training on basic tree maintenance will be provided by the Divisional Foresters (ISA certified Arborists) to (20) key individuals within the community.
- Trained people will be used as group leaders in various tree-planting projects.
- Certified staff arborists will be offering an Arborist Certification Workshop for the year.
- Local media will be contacted to cover tree-planting events.

EVALUATION/MONITORING: Success will be measured by increased participation in the U&CF program (people involved in on-ground activities) as a result of people reading the brochures or attending the workshop. (Records will be kept of workshop attendance and brochures distributed; program participants will be asked how they learned about the program). The number of trees planted: survival: and the overall positive evaluations of the projects will also determine the success of the program.

Strategic Direction (focus on Goal A, leading to achievement of Goals B,C,D)

OBJECTIVES:

5. All segments of the community will be represented in the strategic planning and oversight of the implementation of the program.
6. Strategic direction will be consistent with national direction and will meet national program requirements (for a plan & council representing government, non-profit & private interests).

ACTIVITIES & TIMELINE:

- The Guam U&CF Advisory Council will meet quarterly for update and program evaluation.

EVALUATION/MONITORING: Success will be measured by breadth of participation in the meetings, substance of agenda, and achievement of objectives set by the council.

Community Planting Project (focus on Goals A & C, leading to achievement of Goals B&D)

OBJECTIVES:

7. The island's urban forests will be enhanced through community participation.
8. Develop communities into becoming managing communities.
9. Selecting native and endemic tree species for out planting to promote an awareness of the importance of preserving the local culture and to increase wildlife habitat.

ACTIVITIES & TIMELINE:

- Organizations will be asked to identify and set priority on the scheduling of tree-planting projects (through outreach under “communication”, above). It will be based on community support of the proposed projects.
- Forestry will produce and provide tree seedlings beginning in July.
- Forestry personnel will be available to supervise and coordinate tree-planting projects.
- Maintenance crew from the Mayor’s office and other participating organizations will be responsible for maintaining newly planted plants within their respective communities.
- Feedback/evaluations will be solicited from the participants and the community.

EVALUATION/MONITORING: The number of trees planted and participant count; Survival; and the overall positive evaluations of the projects will determine the success of the program.

KEY PERSONNEL: The UCF program manager position will be portioned between the Chief of Forestry; David T. Limtiaco, Forester II, Joseph Tuquero and Agricultural Specialist III, Ricardo Lizama. Part time volunteer coordinator (Belmina I. Soliva) has a bachelor’s degree in Agriculture and twelve years work experience in Forestry.

PERFORMANCE REPORTING: Semi-annual progress reports and financial status reports, quarterly requests for reimbursal, a final accomplishment report, and annual Performance Measurement Accountability System report.

Program/project & Cost Items	Object Class Category	Proposed Federal \$	Applicant Matching	Other Matching	Source of Matching
Level 1-Base Funding					
Program Manager (Full-Time) Forestry Aide I (5) Administrative Asst. Clerk Typist Forestry Aide II Administrative Aide Chief Forester	Salary	\$46,087	\$74,966		Applicant
Program Manager (Full-Time) Forestry Aide I (5) Administrative Asst. Clerk Typist Forestry Aide II Administrative Aide Chief Forester	Benefits	\$13,145	\$25,127		
National UCF Arbor Conference, Hawaii forestry short course training (Program Manager)	Travel	\$6,000*			
Program/Project & Cost Items	Object Class Category	Proposed Federal \$	Applicant Matching	Other Matching	Source of Matching
Level 1 – Base Funding					
1. Administrative Activities					
Chief/NASF Meeting	Travel	\$3,000			
2. Communication					
Mailing Cost	Supplies	\$500			
Membership Dues (NADF)	Misc.	\$500			
Membership Dues (NASF)	Misc.	\$2500			
Books & Training Materials	Misc.	\$1,000			
Vehicle repairs, Internet Access, Computer repair, printing services, equipment repairs, workshop training, community plantings, film development, equip. rental	Contractual	\$18,500			Guam Visitors Bureau, village beautification program
Nursery Supplies, planting materials and stock for urban projects; veh. Tires & parts, tire wrench, tire rim, construction materials, irrigation fittings and lines, safety gears & accessories, fuel, tree climber & Arborist equipment	Supplies	\$17,268			
Small Equipment Bush cutters, chain saws, pruners, camera, vcr, projector, hand tools, treebags, multi purpose cutter, office equip, vehicle, Augers, digging equip.	Equipment	\$9,500			
3. Strategic Direction					
Misc. items Council meetings	Supplies	\$500			
Total		\$118,500	\$100,093		