



Working with the Private Sector: Contracting



Strategic Mgt of NNIS in the SW
BLM Training Center, Phoenix, AZ
26Oct09

Lee Patrick, Restoration Ecologist

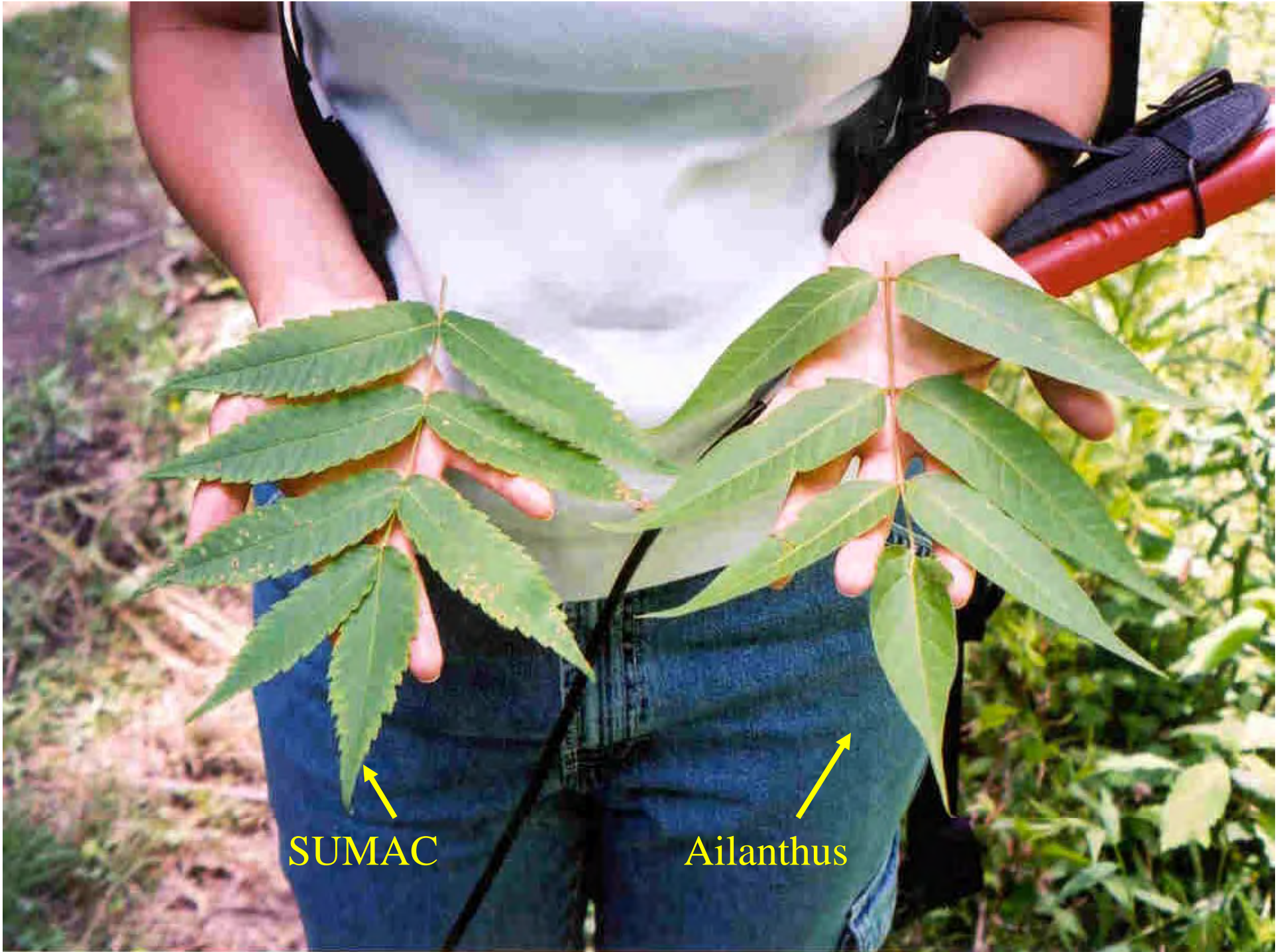


The daydreams of cat herders

Private Sector: Contractors

- Volunteers
- Farmers
- Tree Companies
- Landscapers
- Consulting Companies
- NGO's
- Specific Invasive Species Control Companies





SUMAC

Ailanthus

Type of Labor Available

Labor Types

- Volunteers Labor
- In House Labor
- Contract Labor

Infestation Levels

1-2

1-2-3

1-2-3-4-5



- I am working on a DuPont landfill in Delaware that has been taken over by a plethora of invasive plants. There is about 30 acres of vegetated landfill cover, 20 acres of riparian buffer and site boundary, and a soon to be installed 20 vegetative cover. DuPont is serious about controlling the invasive plants and restoring the site to native vegetation. I am proposing utilizing native grasses and wildflowers as the vegetative for the 20 acres to be capped next year. DuPont needs an estimate for the 30 year operations and maintenance cost for the new cap, basically the mowing, herbicide treatments, monitoring, and misc expenses. Can you give an estimate of what the costs might look like for this, not an official proposal, just rough numbers?



Mr. Stephens,

Thank you for allowing me to offer this estimate for the amount of:

\$1,750,000,000 – \$157,500

To treat 70 acres for 30 years.

I look forward to working with you in the future.

Sincerely,



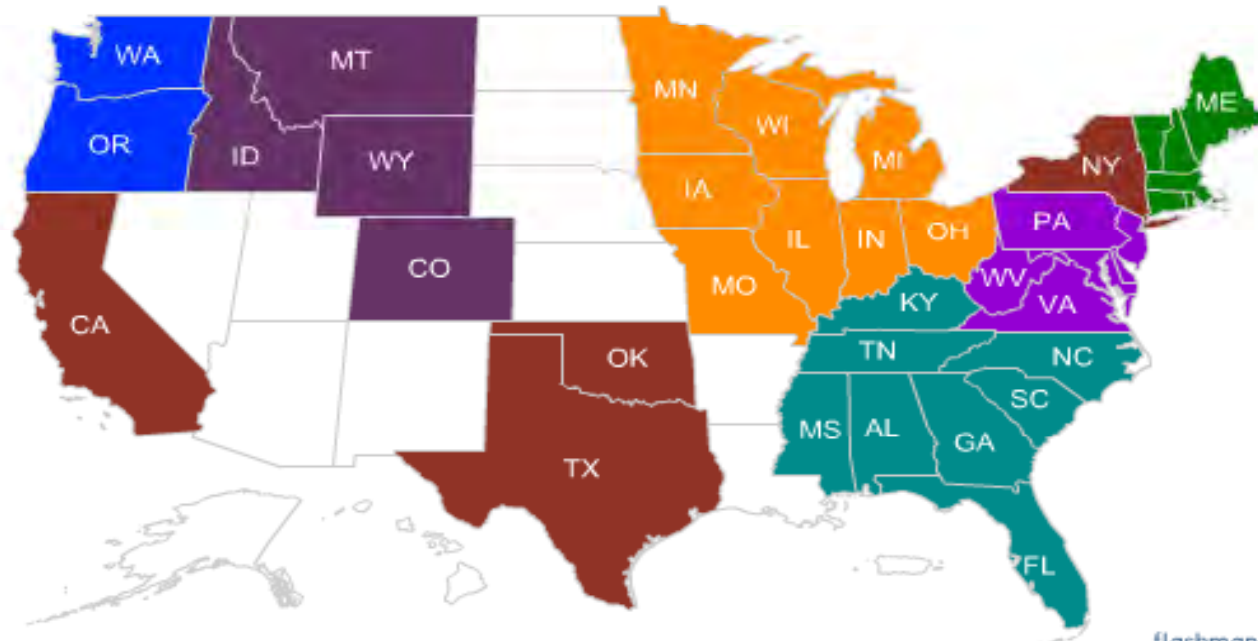
Contract Vehicles

- Consultants with GSA (Geo-Marine, Tetra-Tech, SAIC)
- Small disadvantaged business
 - Minority owned
 - Women Owned
 - Veteran Owned
- NGO's
 - Center for Invasive Plant Mgt
 - Wildlife Habitat Council
 - EPPC's
 - Friends Groups





National Association of EPPCs

[HOME](#)[ABOUT US](#)[MEETINGS AND NEWS](#)[CHAPTERS](#)[LINKS](#)[CONTACT US](#)

flashmaps



Individual State Chapter



Invasive Plant Atlas of New England



Midwest Invasive Plant Network



Northern Rockies Invasive Plant Council



Southeast EPPC



Mid-Atlantic EPPC



Pacific Northwest IPC

**35th Natural Areas
Conference Presentations
Now Available!**

Latest News

[Q-37 Support Letter](#)

[More Info on Q-37](#)

[TNC GIST Support Letter](#)




[NECIS Action Plan](#)

**2009 Texas Invasive Plant
and Pest Conference
November 13 - 14, 2009
Trinity University, San
Antonio, Texas**

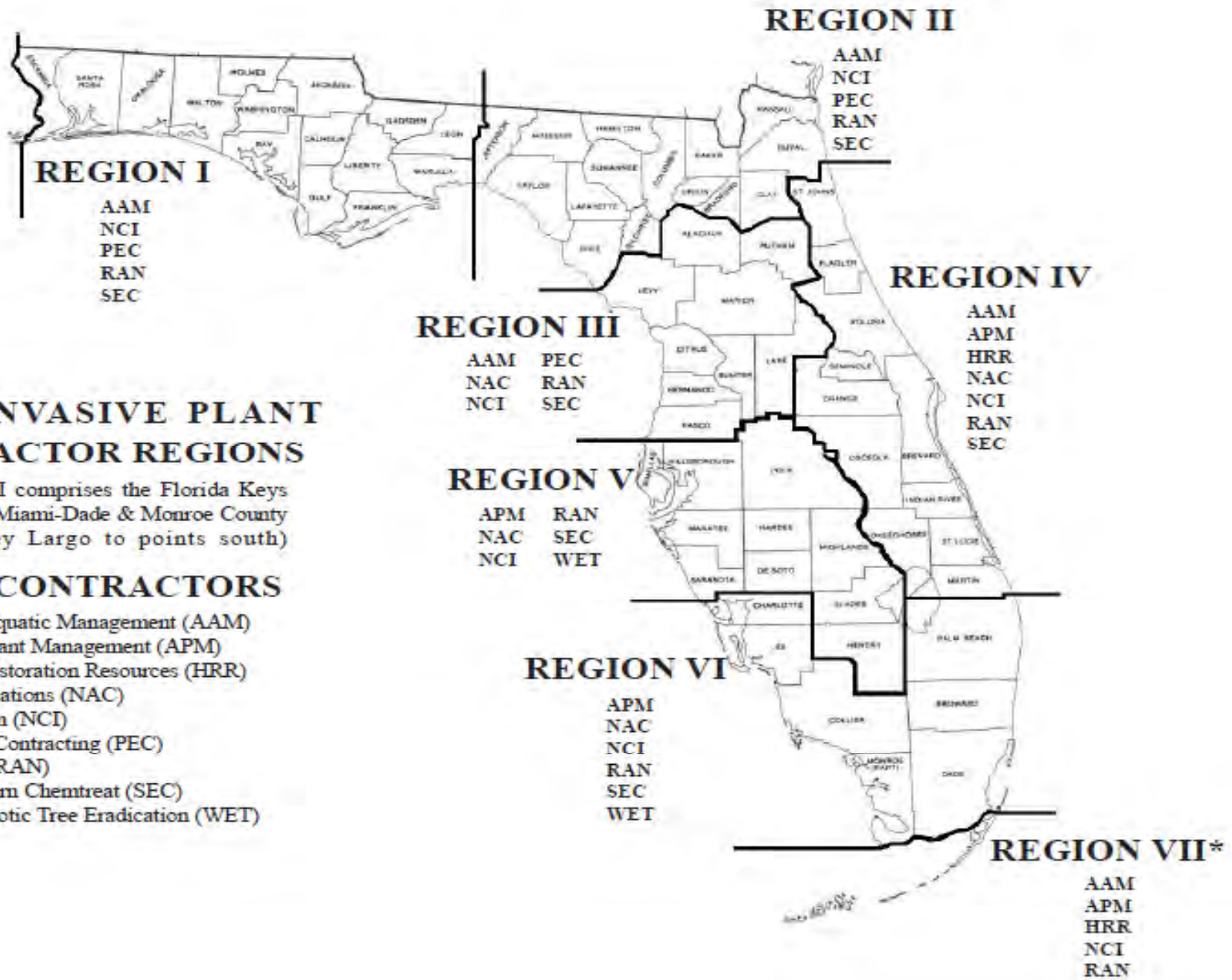
**NAEPPC Advocacy Strategy
for Spring 2007**

**Weed Management Areas
Position Letter - .doc**

Contract Vehicles

- Sole Source (Good luck!)
- Subcontract on an existing contract (MOD)
- Army Corps of Engineers 
- Naval Facilities Engineering Command (NAVFAC) 
- Air Force Center for Environmental Excellence (AFCEE) 
- Indefinite Delivery/Indefinite Quantity (IDIQ)





BIPM INVASIVE PLANT CONTRACTOR REGIONS

*Region VII comprises the Florida Keys below the Miami-Dade & Monroe County lines (Key Largo to points south)

BIPM CONTRACTORS

- Applied Aquatic Management (AAM)
- Aquatic Plant Management (APM)
- Habitat Restoration Resources (HRR)
- Native Creations (NAC)
- NaturChem (NCI)
- Perpetual Contracting (PEC)
- Randel's (RAN)
- Southeastern Chemtreat (SEC)
- Walker Exotic Tree Eradication (WET)

Developing Bid Specs

- Project Description
 - Determine Your Objectives
 - Restore
 - Revegetate
 - Rehab
 - Reclaim
 - Renovate
 - Re????



Developing Bid Specs

– Outline Your Tasks (application techniques)

- Aerial
- Low Volume Foliar
- Cut and Treat
- Mechanical

Be specific: Cut/Treat

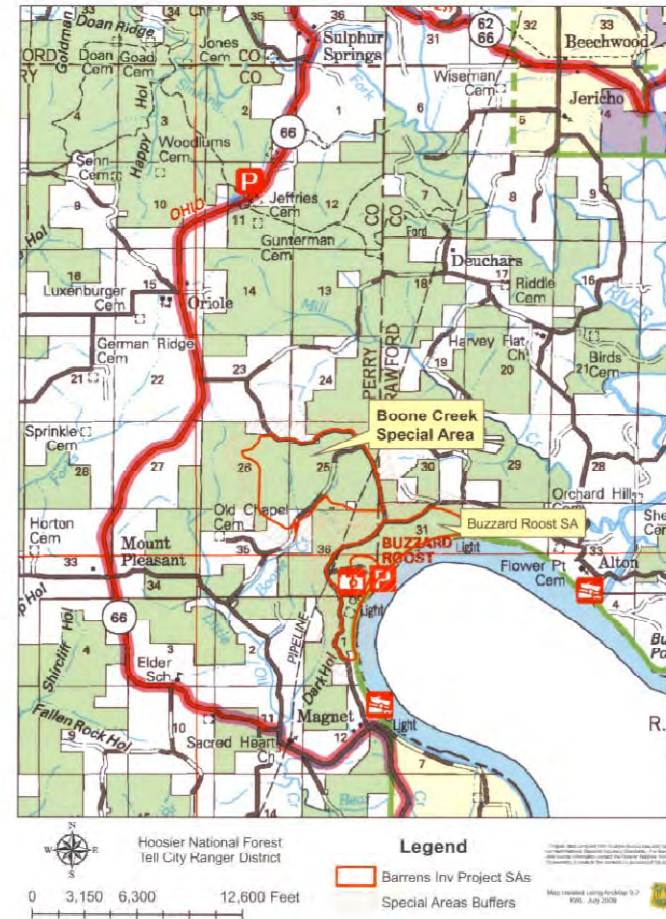
– Cut stump to <2 inches above ground and immediately treat with 25% Garlon 3A, dye, and adjuvant.



Developing Bid Specs

- Other descriptive remarks
 - Number of acres
 - NNIP's to be treated
 - Boundaries of the area
 - Sensitive areas to avoid
 - Topography

Boone Creek Special Area
Task Order 5 - Vicinity Map

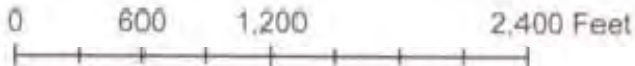




Hoosier National Forest
 Tell City Ranger District
 T4S R1W Sections 25 & 26
 Beechwood Quad

Legend

- Section
- NFS Land
- Other Ownership
- Streams
- Tree of Heaven
- Stilt Grass
- NW Field NNIS
- Power Right-of-Way
- Roadside NNIS
- Log Landing
- Closed Road
- Invasive Shrubs
- Garlic mustard



Original data compiled from multiple sources and may not meet National Mapping Accuracy Standards. For specific data source information contact the Hoosier National Forest. No warranty is made to the contents or accuracy of the data.

Created using ArcGIS 9.2
 KWL June 2009



Developing Bid Specs

- Contractor Requirements:
 - Liability/Insurance (have Certificate of Insurance with the proposal/bid)
 - General Liability (\$2,000,000 aggregate)
 - Workers Comp (\$500,000)
 - Bond Insurance (equal to project amount)
 - Performance Guarantee

Developing Bid Specs

- Contractor Requirements:
 - Certification for Pesticide Applicators
 - Use of GPS locators on applicators
 - Keep Pesticide Application Records readily available
 - Provide technical SOW for review (Does it correspond with NEPA recommendations?)





OFFICE OF INDIANA STATE CHEMIST

Purdue University
175 S. University St.
West Lafayette, Indiana 47907-2063

VALID CATEGORIES

2

INVASIVE PLANT CONTROL INC
2800 COLUMBINE PLACE
PO BOX 50556
NASHVILLE TN 37205-0556

COMMERCIAL PESTICIDE BUSINESS LICENSE

This authorizes the company listed hereon to engage in for-hire pesticide use business in the categories listed on this form. It is valid in these categories only as long as applicator(s) currently licensed with this business hold valid certification(s) as listed.

LICENSE #: 203759

EXPIRATION DATE: 31-Dec-2009

Robert D. Walz
STATE CHEMIST



Office of Indiana State Chemist

www.isco.purdue.edu

Pesticide Applicator License

Categories: 2

License #: **F231722**

Expires: **12/31/2009**

MARTIN W. CLARK
INVASIVE PLANT CONTROL INC





INVASIVE PLANT CONTROL, INC
DAILY VEGETATION MANAGEMENT REPORT

DATE:

CLIENT NAME, ADDRESS, PHONE	SITE NAME, ADDRESS/LOCATION	START TIME
		END TIME
		TEMP
		AM
		PM

SKY CONDITIONS					
	CLEAR	P/C	CLOUDY	FOGGY	RAIN
AM					
PM					

WIND CONDITIONS					
	CALM	1-5 mph	6-10 mph	11-15mph	GUSTING
AM					
PM					

CREW LEADER/ STATE CERTIFICATION #	HOURS
CREW MEMBERS	HOURS

REMOVAL METHODS USED	MAN HOURS
CUT & TREAT - HAND SPRAYER	
FOLIAR SPOT/FOLIAR VOLUME:	XXXXXXXXXXXXXX
BACKPACK SPRAYER	
ATV MOUNTED SPRAYER	
KUBOTA RTV MOUNTED SPRAYER	
SKID SPRAYER	
HACK & SQUIRT - SQUIRT BOTTLE	
HAND PULL	
CHIPPING	
OTHER - DESCRIBE	

ACREAGE, AREA OR NUMBER OF PLANTS TREATED	SITE CONDITIONS						
	LIGHT	1	2	3	4	5	DENSE
	FLAT	1	2	3	4	5	STEEP

	CHEMICAL	RATE	TOTAL CONCENTRATE	TOTAL DILUENT-TYPE/AMOUNT	TOTAL SOLUTION	CHEMICAL NAME	EPA #
HERBICIDE						Accord Concentrate	62719-324
SURFACTANT						Accord XRT	62719-517
						Aquaneat	228-365
DYE						Arsenal	241-346
						Element 4	62719-40
HERBICIDE						Escort XP	352-439
						Fusilade II	100-1084
SURFACTANT						Fusion	100-1059
						Garlon 3A	62719-37
DYE						Garlon 4	62719-40
						Garlon 4 Ultra	62719-527
							42750-60-72693
HERBICIDE						Gly-4	241-426
						Habitat	241-417
SURFACTANT						Journey	241-365
						Plateau	524-517
DYE						Ranger Pro	228-366
						Razor Pro	524-529
						Roundup Pro	62719-259
						Transline	

SPECIES CONTROLLED						
All Identified	Garlic Mustard	Phragmites	Winter Creeper			
Autumn olive	Golden Bamboo	Porcelainberry	Wisteria spp.			
Bindweed	Ground Ivy	Princess Tree				
Burdock	Jap. Barberry	Privet spp.				
Burning bush	Jap. Honeysuckle	Purple Loosestrife				
Bush honeysuckle	Jap. Knotweed	Russian Olive				
Callery pear	Jap. Stiltgrass	Smartweed				

Developing Bid Specs

- Performance Requirements
 - List times when work can be performed
 - List holidays, weekends, or time of day work can not be performed
 - State how and when performance will be measured and evaluated
 - Define season when each individual species can be treated

Developing Bid Specs

- References
 - At least 5 references of prior invasive work in the last 3 years
 - Summary of project and methodologies used
 - Summary of technologies used (equipment/GPS)



Invasive Plant Control, Inc. References



Projects Completed for References

I. Project Name:

Non-native Invasive Species
ID/IQ, Andrew Pickens RD

Contract Agency:

USDA, Forest Service, Francis
Marion Sumter, SC

Contract Number:

AG-4670-C-07-0076

Total Contract Value:

\$79,000

Period of Performance:

Winter 2008 & Winter 2009

Approx. Area of Project:

130 acres

Activity:

On the Ground Invasive Plant
Management.

Contact:

Robin Mackie

Phone Number:

(803) 561-4071

E-Mail:

rmackie@fs.fed.us

Address:

Francis Marion and Sumter NF
Columbia, SC 2921.

Developing Bid Specs

- Performance Guarantees:
 - project timeline
 - completion date
 - specific measures based on your goals & objectives
 - Example: Control of tamarisk will exceed 90% control
 - Penalties: hold 10% back
 - Rewards: 1-2% above bid price for going over guarantee

Decide on a Contractor

1. Past Performance
2. Experience
3. Performance Guarantee
4. Proof of Selectability
5. Knowledge of your Goals
6. Price



Discussion

- Do you contract out and if so, please name some of the advantages and disadvantages?
- How do your installations work with the private sector (not just contractors, but non profits such as CIPM, etc as well)
- What obstacles prevent you from working with the private sector?