

REQUEST FOR BIDS (RFB)

2017 Chemical Application Services

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM

Office of the Executive Director 4111 4th Avenue, Suite 6 Kearney, Nebraska 68845

January 30, 2017



Contents

I.	OVERVIEW	3
	WORK DESCRIPTION & SCOPE OF WORK	
	CHEMICAL APPLICATION TIMING AND PERFORMANCE	
IV.	PROGRAM LANDS	(
V.	BID ITEMS	8
VI.	FIELD AND OFFICE EQUIPMENT	8
VII.	CONTRACT TERMS	8
VIII.	SUBMISSION REQUIREMENTS	9
IX.	BID RESPONSE FORMS	. 11

Appendix A – Nebraska Noxious Weed List

Appendix B – Nebraska Invasive Weed Watch List

Appendix C –Chemical Management Form

Appendix D – Figures



PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM REQUEST FOR BIDS (RFB)

SUBJECT: 2017 Chemical Application Services

REQUEST DATE: January XX, 2017 **PRE-BID MEETING:** February XX, 2017 **CLOSING DATE:** February XX, 2017

POINT OF CONTACT: Tim R. Tunnell, Senior Land Manager

Headwaters Corporation

tunnellt@headwaterscorp.com

I. OVERVIEW

The Platte River Recovery Implementation Program ("Program" or "PRRIP") was initiated on January 1, 2007 between Nebraska, Wyoming, Colorado, and the Department of the Interior to address threatened and endangered species issues in the central and lower Platte River basin. The species considered in the Program, referred to as "target species", are the whooping crane, piping plover, interior least tern, and pallid sturgeon.

 A Governance Committee (GC) reviews, directs, and provides oversight for Program activities. The GC is comprised of one representative from each of the three states, three water user representatives, two representatives from environmental groups, and two members representing federal agencies. The GC has named Dr. Jerry Kenny to serve as the Program Executive Director (ED). Dr. Kenny established Headwaters Corporation as the staffing mechanism for the Program. Program staff are located in Nebraska and Colorado and are responsible for assisting in carrying out Program-related activities.

 One of the major components of Program implementation is aquistion and management of 10,000 acres of habitat for the benefit of the target species. To date, approximately 12,500 acres have been acquired and are being managed by the Program's Executive Director's Office (EDO) Staff. The purpose of this request is to obtain qualified and licensed contractors to provide Chemical Application Services efficiently, effectively and in a timely manner to treat noxious and invasive weeds in Program owned and/or managed grasslands and maintain bare ground at off-channel sand and water nesting areas (OCSW) for target species. As such, the GC is requesting bids from qualified contractors for 2017 chemical application services to be performed starting March 1 and ending on or around November 15, 2017.

II. WORK DESCRIPTION & SCOPE OF WORK

Work Description

- The Program is requesting bids from experienced contractors for chemical application services in 2017.
- 39 All applicators must be certified with the Nebraska Department of Agriculture as a Commercial
- 40 Applicator, catagories needed are: General, Ag. Plant and Aquatic. The performance period will begin on
- 41 March 1 and will end on or around November 15, 2017. Bareground treatments on OCSW sites will
- 42 require two applications; one application in late spring- typically April 1-April 15 prior to nest initatiation
- 43 of target species and a follow-up application in late summer after all chicks have fledged-typically August
- 44 15-September 1. Control of noxious weeds in Program owned and/or managed grassland sites will
- typically require 3-4 trips, as needed, through sites during the year. Generally, trips will be in the early
- spring, early summer, late summer, and fall prior to first frost.



Scope of Work The Contractor must have sufficient availability to fully utlize weather windows for chemical applications at Program lands which are distributed along a 60-mile reach of the Platte River in central Nebraska. The Contractor will be responsible for all labor, materials, equipment, tools, transportation and supplies required to complete the work. All applicators must be certified with the Nebraska Department of Agriculture as a Commercial Applicator, catagories needed are: General, Ag. Plant and Aquatic.

Bareground treatments on OCSW sites will require one application in late spring-typically April 1-April 15 prior to nest initatiation of target species and a follow-up application in late summer after all chicks have fledged-typically August 15-September 1. Areas will require broadcast spraying to ensure full spray coverage to the waters edge with both spring and fall applications. Equipment and spraying operations shall minimize rutting and ground surface disturbance. Close communication between Program staff and contractors must occur in order to avoid conflicts with spraying and target species. It is the responsibility of the Contractor to coordinate with Program staff on the status of use of target species prior to mobilization to the site for spraying.

Noxious weed control will typically require 3-4 trips, as needed, through grassland sites during the year. Generally, trips will be in the early spring, early summer, late summer, and fall prior to first frost. A list of state of Nebraska noxious weed and Watch list species can be found in Appendix A and B.

III. CHEMICAL APPLICATION TIMING AND PERFORMANCE

Contractor will be ready to begin work as soon as contract is signed. Contractor will proceed to complete all the work as quickly and efficiently as possible while maintaining the quality standards listed in the Scope of Work. The Program Land Manager may stop work and order the removal and/or replacement of any equipment if the equipment is not working or calibrated properly. Contractor then has 48 hours to replace the equipment with an acceptable substitute and remove the inadequate equipment. The Program Land Manager may prohibit chemical application during adverse weather conditions (heat, cold, dry, wet, etc.). If adverse weather is a problem, Contractor must furnish additional personnel and equipment to make up for lost time and ensure timely completion.

 Contractor must guarantee a minimum of 100% coverage of the bareground treatment areas and at least 95% mortality of targeted vegetation within the areas. Acceptable coverage will be determined within five days of application using several random spot inspections. Contractors are required to use marking dye to help with this process. Signs of mortality will be documented at random spot inspection sites beginning three weeks following application. If coverage and/or mortality rates are not met, the Program may require Contractor to retreat the areas at Contractor's expense and at no additional cost to the Program. No chemical herbicide applications will exceed the label rates on the herbicide containers. All requirements, including state and/or local requirements, listed on the herbicide label are to be followed. Failure to comply with label instructions is a violation of federal and/or state laws. Contractor is liable for any penalty, fines, or damages resulting from misuse of herbicides. Unless otherwise specified, Contractor will supply and apply all chemical herbicides, adjuvants, and other materials to ensure an effective kill of the target vegetation and will be reimbursed for the chemical used.

 Contractor is expected to minimize broadcast spraying and use spot-spraying as primary control method of noxious and invasive weeds. However, broadcast spraying is allowable when infestations are larger than 0.25 acres. Contractor is expected to prevent overspray, drift, and/or nontarget damage to surrounding vegetation, open water, structures, and/or facilities. No less than 100% of all target



vegetation must be treated, and no less than 95% of the treated vegetation must be killed for the control method to be considered acceptable by the Program.

The Program is implementing a "Come Clean, Leave Clean" standard. All equipment used on Program lands, including tractors, ATVs, UTVs, trucks, trailers, and/or Argos need to be free of any plant material. The Program Land Manager will delineate a designated cleaning area on each tract for contractors to clean their equipment.

The licensed supervisor is responsible to ensure the following:

- Chemical pesticides must be kept in original containers until mixing. All mixtures should have temporary labels that list the trade name and rates of chemicals and any adjuvants within the spray container.
- The licensed supervisor must readily have available during application copies of all chemical pesticides labels and Material Safety Data Sheets (MSDS) that are being applied.
- During mixing and application, all recommended Personal Protective Equipment (PPE) will be properly worn to minimize applicator exposure to chemicals. All measuring cups should be rinsed and the effluent poured into the tank/bottle mixture.
- Chemicals and any rinse material from chemical containers will be applied to specific areas; run-off of any chemical substance is not acceptable.
- Herbicides that are mixed, transferred, or temporarily stored while on Program lands will be done so at designated staging areas. Any and all containers that contain pesticide or pesticide residues will be removed from Program lands once the chemical application is complete.
- Herbicides will not be applied during adverse or non-optimal weather conditions for the
 application method. Any weather condition, including heat, wind, or precipitation, that
 minimizes the effectiveness of the herbicide or increases the exposure and/or potential
 for drift to non-target vegetation, personnel, or objects will not be tolerated.
- Emphasis must be placed on ensuring the application will minimize exposure to people, facilities and the surrounding environment. Avoid any non-target exposure.

 A Nebraska Department of Agriculture licensed supervisor shall be designated by Contractor as the field supervisor and remain onsite during all chemical application projects. The supervisor must be able to correctly identify the targeted species. A representative from Program staff will meet with the licensed supervisor at the beginning of each project to discuss treatment area and prescriptions and any special restrictions. Contractor is required to provide Program staff with the following upon request by the Program Land Manager:

 • List of chemical herbicide trade names and the rates used to produce all chemical mixtures applied. This list should also include any adjuvants or surfactants included in the mixture.

A "PRRIP Chemical Management Form" (Appendix C) is required after completion of treatment on each individual infestation, local area, or workday depending on time spent at a particular area. The form should include a map depicting estimated spray coverage area for the invoice. GPS data is encouraged but not mandatory.



143 IV. PROGRAM LANDS

Program lands are generally organized into approximately 1,000 to 3,000 acre blocks referred to as habitat

- 145 complexes. There are six habitat complexes distributed across the project area, containing the majority of
- land (Appendix D; Figure 1). Additionally, there are 2 non-complex wetland sites that have been
- associated with a complex. There are also two OCSW sites located within habitat complexes and three
- stand-alone OCSW sites. For the purposes of this contracting process, the OCSW sites have been split in
- to east and west groupings.

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The following sections of the scope of work provide specific information about each habitat complex:

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Plum Creek Complex

Contractors should be aware of the following points:

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1. Plum Creek Complex is located less than 1 mile to the south of Interstate 80 between the towns of Lexington and Overton, NE.

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2. Plum Creek complex is approximately 722 acres, contains 2 tracts of land and is 2 miles long with the majority of the land located on the south side of the Platte River. There is 1 additional wetland tract, approximately 100 acres, located in close proximity to the southwest of the complex (**Figure 2**).

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3. There is a 21 acre OCSW site located in the middle of Tract 2009003.

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Cottonwood Ranch Complex

Contractors should be aware of the following points:

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1. Cottonwood Ranch Complex is located less than 1 mile to the south of Interstate 80 between the towns of Overton and Elm Creek, NE.

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2. Cottonwood Ranch complex is approximately 3,528 acres, contains 3 tracts of land and is 4 miles long with the majority of the land located on the south side of the main channel of the Platte River. There is 1 additional wetland tract, approximately 153 acres, located in close proximity to the northwest of the complex (**Figure 3**).

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3. There is a 16 acre OCSW site located in the middle of Tract 2008002.

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Elm Creek Complex

179 Contractors should be aware of the following points:

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181 1. Elm Creek Complex is located less than 1/4 mile to the south of Interstate 80 between the towns of Elm
 182 Creek and Odessa, NE.

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2. Elm Creek complex is approximately 1,302 acres, contains 5 tracts of land and is 2 miles long with 3 tracts being located on the north side of the Platte river and the others are located on the south side of the Platte River (**Figure 4**).

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191 <u>Pawnee Complex</u>

Contractors should be aware of the following points:

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194 1. The Pawnee Complex is located less than 1/4 mile to the south of Interstate 80 between the towns of Odessa and Kearney, NE.

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2. The Pawnee complex is approximately 693 acres, contains 3 tracts of land and is 3 miles long. Two tracts are located on the south side of the Platte River and one is on the north side (**Figure 5**).

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3. There is a 17 acre OCSW site located at Tract 2010002.

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202 Fort Kearny Complex

Contractors should be aware of the following points:

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1. The Fort Kearny Complex is located less than 1/4 mile to the south of Interstate 80 and is located between 2 channels of the Platte River near the town of Kearney, NE and Highway 10.

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208 2. The Fort Kearny complex is approximately 2,437 acres, contains 6 tracts of land and is 5 miles long (**Figure 6**).

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3. There is a 22 acre OCSW site located at Tract 2009008.

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213 Shoemaker Island Complex

214 Contractors should be aware of the following points:

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1. Shoemaker Island Complex is located less than 1/2 mile to the south of Interstate 80 between 2 channels of the Platte River near the towns of Wood River and Alda, NE.

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2. Shoemaker Island complex is approximately 1,834 acres, contains 3 tract of land and is 3 miles long (Figure 7).

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3. There is a 16 acre OCSW site located in the middle of East Tract 2011001 and a 6 acre OCSW site located on Tract 2011002.

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OCSW Bare Ground West

1. OCSW Bare Ground West tracts are located to the south of Interstate 80 between the towns of Lexingtonand Kearney, NE.

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229 2. OCSW Bare Ground West contains 3 sites and is approximately 54 acres (**Figure 8**).

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231 OCSW Bare Ground East

OCSW Bare Ground East tracts are located to the south of Interstate 80 between Highway 10- I-80 interchange and the town of Alda, NE.

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2. OCSW Bare Ground West contains 3 tracts of land is approximately 40 acres (Figure-9).

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NOTE: DETAILED MAPS WILL BE AVAILBLE UPON AWARDING OF CONTRACT.



239 V. BID ITEMS

Contractors will submit mobilization and demobilization costs by habitat complex, per-hour rate of labor, per-hour rate of equipment, and chemical cost mark up. Contractor conpensation will be based on the mobilization and demobilization cost, number of hours of labor and equipment use, and the quanity of herbicides used to complete the work.

VI. FIELD AND OFFICE EQUIPMENT

Potential Contractors will own or acquire all field and office equipment and software required to provide chemical application services.

VII. CONTRACT TERMS

The selected Contractor (s) will be retained by: Nebraska Community Foundation

PO Box 83107 Lincoln, NE 68501

The Contractor will be subject to (but not limited to) the following contract terms:

<u>Certification/Training Requirements:</u> Meet or exceed Nebraska Department of Agriculture herbicide spraying certification and training requirements.

<u>Insurance Requirements:</u> If awarded, Contractor shall represent and guarantee that all employees, agents, servants or representatives of Contractor, and all employees, agents, servants, or representatives of subconsultants are covered by workers' compensation insurance as required by Nebraska Statute. Prior to entering into contract with PRRIP, contractor shall furnish PRRIP with certificates of insurance, naming PRRIP as named or additional insured without waiving any defense of sovereign immunity or increasing the limits of PRRIP's liability in excess of Nebraska State Statute for item (3) below, providing evidence that contractor has in full force and effect the following minimum insurance with insurers authorized to do business in the State of Nebraska. The certificate of insurance shall also provide that PRRIP shall be notified in writing by the carrier at least 30 days prior to any cancellation of said insurance.

1. Workers' compensation insurance as required above;

2. Motor vehicular liability insurance with limits of not less than \$1,000,000 combined single limit which insurance shall be applicable to any and all vehicles utilized by contractor to provide the services requested by PRRIP;

3. General liability insurance for all services rendered by contractor for the requested services with a minimum of \$1,000,000 personal and advertising injury and \$1,000,000 general aggregate.



VIII. SUBMISSION REQUIREMENTS

All interested parties having experience providing the services listed in this RFB are requested to submit a bid.

Instructions for Submitting Bids

One original bid document supporting documentation must be submitted by mail to Tim Tunnell *no later than 12:00 PM Central Time Friday, February XX, 2017*. A bid is late if received after that time and will not be considered. Proposals should be submitted to:

Tim R. Tunnell, Senior Land Manager

Platte River Recovery Implementation Program

4111 4th Avenue, Suite 6

Kearney, NE 68845

Questions regarding the information contained in this RFB should be submitted by **email only** (no phone calls) to Tim Tunnell at <u>tunnellt@headwaterscorp.com</u>. A list of compiled Contractor questions and responses will be maintained on the Program web site (<u>www.PlatteRiverProgram.org</u>) in the same location as this RFB solicitation.

RFB Schedule

The ED Office expects to complete the selection process and award the work by approximately February XX, 2017. The following table represents the RFB schedule:

Description	Date	Time (Central)			
Issue RFB	January <mark>XX</mark> , 2017	NA			
Pre-proposal meeting	February XX, 2017	1:00 PM			
Last day for respondents to submit questions regarding the RFB	February XX, 2017	12:00 PM			
Bids due from respondents	February XX, 2017	12:00 PM			
Evaluation of bids	February XX, 2017 - February XX, 2017				
Award of Work	On February XX, 2017				
Start of Work	Approximately March 1				
Completion of Work	Approximately November 15				

Pre-Bid Meeting

A <u>mandatory</u> pre-bid meeting of interested parties will be held on February XX, 2017 from 1:00 to 2:00 p.m. Central Time via conference call for the purpose of familiarizing the respondents with the work scope and requirements included herein before submitting a response to this RFB. Please email Tim Tunnell (<u>tunnellt@headwaterscorp.com</u>) for the conference call dial-in information along with a list of people from your party expected to join in the pre-proposal conference call by 12:00 p.m. central time on February XX, 2017.

It is the Contractor's responsibility, while at the pre-proposal meeting/conference call, to ask questions necessary to understand the RFB so the respondent can submit a proposal that is complete and in accordance with RFB requirements. There shall be no minutes distributed by the ED Office regarding the meeting.



325 Bid Content

Bids must include the following contents and documentation:

1) General Information

2) Completed Bid Form including identification of the habitat complexes and/or bare ground areas (east/west) that the contractor is bidding on.

3) Equipment list that includes all equipment that would be mobilized for this project.

335 4) References Names/address/telephone of three clients who can attest to your experience as it relates to the services you are proposing.

5) **Description of insurance** shall be provided with the proposal. Proof of insurance will be required before a contract is issued. Minimum insurance requirements are described in Section VII.

6) Affirmative statement that neither the firm nor the principals of the firm are on the federal suspended and disbarred list. If the firm has a DUNS number, please provide to assist in verification.

Criteria for Evaluating Bids

Bids will be evaluated and a Contractor selected based on the following principal considerations:

- 346 1. Price proposal.
- 347 2. Equipment availability.
- 348 3. References.
- 349 4. Insurance and affirmative statement.

The winning bid will be selected to best meet overall project objectives. Should the successful Contractor(s) be unable at any time to accomplish the work they have been contracted for or meet any of the requirements or standards listed in this Bid, the next ranked Contractor may be contacted to provide the required work.

Award Notice

After completing the evaluation of all bids, the Program will select a Contractor. If the Program is unable to negotiate a mutually satisfactory contract with a Contractor, it may, at its sole discretion, cancel and reissue a new RFB.

Program Perspective

The Program GC has the sole discretion and reserves the right to reject any and all bids received in response to this RFB and to cancel this solicitation if it is deemed in the best interest of the Program to do so. Issuance of this RFB in no way constitutes a commitment by the Program to award a contract, or to pay Contractor's costs incurred either in the preparation of a response to his RFB or during negotiations, if any, of a contract for services. The Program also reserves the right to make amendments to this RFB by giving written notice to Contractors, and to request clarification, supplements, and additions to the information provided by a Contractor.

By submitting a bid in response to this solicitation, Contractors understand and agree that any selection of a Contractor or any decision to reject any or all responses or to establish no contracts shall be at the sole discretion of the Program. To the extent authorized by law, the Contractor shall indemnify, save, and hold harmless the Nebraska Community Foundation, the states of Colorado, Wyoming, and Nebraska, the



Department of the Interior, members of the GC, and the ED Office, their employees, employers, and agents, against any and all claims, damages, liability, and court awards including costs, expenses, and attorney fees incurred as a result of any act or omission by the Contractor or its employees, agents, sub-Contractors, or assignees pursuant to the terms of this project. Additionally, by submitting a proposal, Contractor agrees that they waive any claim for the recovery of any costs or expenses incurred in preparing and submitting a proposal.

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IX. BID RESPONSE FORMS

The following forms are to be submitted as part of Contractor proposals.



382 PART I: GENERAL INFORMATION

Company Name:	Telephone Number:	Fax Number:
Mailing Address:	City, State, Zip Code:	·
Physical Address:	City, State, Zip Code:	
Name of Contact:	Telephone Number:	E-mail Address & Company
		web address
Business Type:	-	•
V 1		
\Box Corporation \Box Partnership \Box	Individual \Box	Consolidated
Company		Componented
	Federal Tax ID:	
Status:	redetal tax ib.	
☐ Prime Contractor ☐ Subcontractor		
Number of Employees (at peak):	Age of Firm:	Insurance Limit:



PART II: PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM

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2017 CHEMICAL APPLICATION SERVICES LABOR & EQUIPMENT COST RATE:

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Please identify which Habitat Complex you are interested in providing Chemical Application Services:

391		Bare Ground	Bare Ground
392	Noxious Weed Sites:	Sites West:	Sites East:
393	Plum Creek Complex	Tract 2009003	Tract 2009008
394	Cottonwood Ranch Complex	Tract 2008002	Tract 2011001
395	Elm Creek Complex	Tract 2010002	Tract 2011002
396	Pawnee Complex		
397	Fort Kearny Complex		

Shoemaker Island Complex 398

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The Contractor is required to submit unit prices for all work Items below that apply to the proposal:

Item	Description	Unit	Unit Price
No.			
001	Mobilization and Demobilization ¹		
	Plum Creek Complex	LS	\$
	Cottonwood Ranch Complex	LS	\$
	Elm Creek Complex	LS	\$
	Pawnee Complex	LS	\$
	Ft. Kearny Complex	LS	\$
	Shoemaker Island Complex	LS	\$
	Bare Ground Sites West	LS	\$
	Bare Ground Sites East	LS	\$
002	Chemical Application-Labor ²	HR	\$
003	Chemical Application-Equipment ³		
004	Chemical Application-Spray Truck	HR	\$
005	Chemical Application-ATV	HR	\$
006	Chemical Application-UTV/Argo	HR	\$
007	Chemical Application-Airboat	HR	\$
Chem	ical Cost Markup ⁴ : Yes	/ No	Percent:

¹ Lump sum rate for mobilization and demobilization per site and per year of service.

² Per-hour rate for chemical application or labor required to complete the work.

³ Per-hour rates for equipment required to complete the work.

⁴ Chemical will be reimbursed based on use and mark-up.



403 404 405

PART III: List equipment that is available to complete work.

Quantity	Item* (Description, Size, Capacity. Etc.)	Present Location
	(Description, Size, Capacity, Etc.)	



	REFERENCES:
	MII DADIODO
	(Names/address/telephone of three clients who can attest to your experience
	as it relates to the services you are proposing.)
FIRM NAM	E:
ADDRESS:	
CONTACT	reason
TELEPHON	E:
EMAIL:	
FAX:	
	E:
ADDRESS:	DED COM.
CONTACT	PERSON:
TELEPHON	E:
EMAIL:	
FAX:	
EIDLELIA S	
FIRM NAM	E:
ADDRESS:	DEDCOM
CONTACT	PERSON:
TELEPHON	E:
EMAIL:	
FAX:	



440	
441	Appendix A
442	
443	NEBRASKA NOXIOUS WEEDS
444	• Saltcedar (Tamirix spp.)
445	Purple Loosetrife (Lythrum salicaria L.)
446	 Phragmites (Phragmites australis)
447	• Leafy Spurge (Euphorbia esula L.)
448	Canada Thistle (Cirsium arvense L.)
449	Musk Thistle (Carduus nutans L.)
450	 Plumless Thistle (Carduus acanthoides)
451	 Spotted (Centaurea stoebe) and Diffuse (Centaurea diffusa) Knapweed
452	• Japanese (Fallopia japonica), Giant (Fallopia sachalinensis) and Bohemian (Fallopia
453	bohemica) Knotweed
454	Sericea Lespedeza (Lespedeza cuneata)

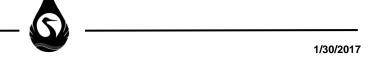


455		Appendix B						
456								
457	NEBRASKA INVASIVE WEED WATCH LIST							
458								
459								
460	Invasive Plants Watch	n List: Mixedgrass Prairie Ecoregion (Adams, Boyd, Buffalo, Custer,						
461		ontier, Furnas, Gosper, Greeley, Hall, Harlan, Hayes, Hitchcock, Howard,						
462		Nuckolls, Phelps, Red Willow, Sherman, Valley, Webster)						
463	3 , 3							
464	Future Invasive Speci	<u>es</u> :						
465	Giant reed	Arundo donax L.						
466	Oriental bittersweet	Celastrus orbiculatus						
467	Water hyancith	Eichhornia crassipes						
468	Hydrilla	Hydrilla verticillata						
469	Brittle naiad	Najas minor						
470	Giant salvinia	Salvinia molesta						
471								
472	Priority Species:							
473	Amur maple	Acer ginnala						
474	Russian knapweed	Acroptilon repens						
475	Garlic mustard	Allaria petiolata						
476	Australian beardgrass							
477	(Caucasian bluestem)	Bothriochloa bladhii (Andropogon bladhii)						
478	Cutleaf teasel	Dipsacus laciniatus						
479	European alder-							
480	buckthorn	Frangula alnus						
481	Japanese honeysuckle Lonicera japonica, morrowii, morrowii x tatarica (also Morrow, Showy							
482		picatum Eurasian water-milfoil						
483	Sulphur cinquefoil	Potentilla recta L.						
484	Yellow-flag Iris	Iris pseudacorus						

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PRRIP – ED OFFICE FINAL

Appendix C PRRIP Chemical Management Form												
		(Must Accompany Inv				Invoice for Payment)				e		
Comple	ex			_Tract		Start TimeEnd Ti				Time_	ime	
Contrac	et Com	npany Nai	me			_Licensed	Supe	ervisor	Name			
Weathe	er Conc	ditions:										
Wind S	peed:_	n	nph V	Vind Direction	on:	7	Гетр	erature	<u> </u>		_ ⁰ F	
(Circle)				-1								
Sunny		Partly C	Cloudy	Cloud	y	Rain		Clou	d Cover:		%	
(Circle)							_					
						es Purple Loosetrife Other						
App Date	App Hrs	Equip Used	Target Spp.	Herbicide	Rate	Adjuvan	t/Oil	Mix	Gallons Herbicide	Adj		
											_	
Comme	nts:											
Follow-ı	ın											
	-											
Identify	Covera	age Area o	n Map									



521 Appendix D 522 Figures

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