

**REQUEST FOR QUOTATION**

PROJECT: (P17-005) Speidell North Channel Erosion Repair
LOCATION: PRRIF Tract 2015001
NEAR: Kearney, Nebraska
REQUEST DATE: *January 30, 2017*
SITE SHOWING: *February 09, 2017– 1:30 pm central time*
CLOSING DATE: *February 16, 2017– 5:00 pm central time*
CONTACT: Justin Brei, P.E.
Headwaters Corporation
4111 4th Ave, Suite 6
Kearney, NE 68845
breij@headwaterscorp.com

The undersigned acknowledges receipt of the following plans and specifications:

- # 1 () Sheet 1 – Site Layout
- # 2 () Sheet 2 – Stabilization Layout
- # 3 () Sheet 3 – Borrow Layout
- # 4 () Sheet 4 – Stabilization Detail

Project Objective: Install five bundles of trees, anchored into the channel bank and extending approximately 20-30 feet into the channel. Trees will be taken from on-site, and will include relatively straight hardwoods and eastern red cedar. Contractor will remove fence as needed from repair area and stack posts and bundle wire for reuse. Contractor will also remove debris from in-channel island across from stabilization area. See drawings for tree borrow areas and other details. Work will begin as soon as possible upon award of project.



The Contractor is required to submit quotes for all work Items below.

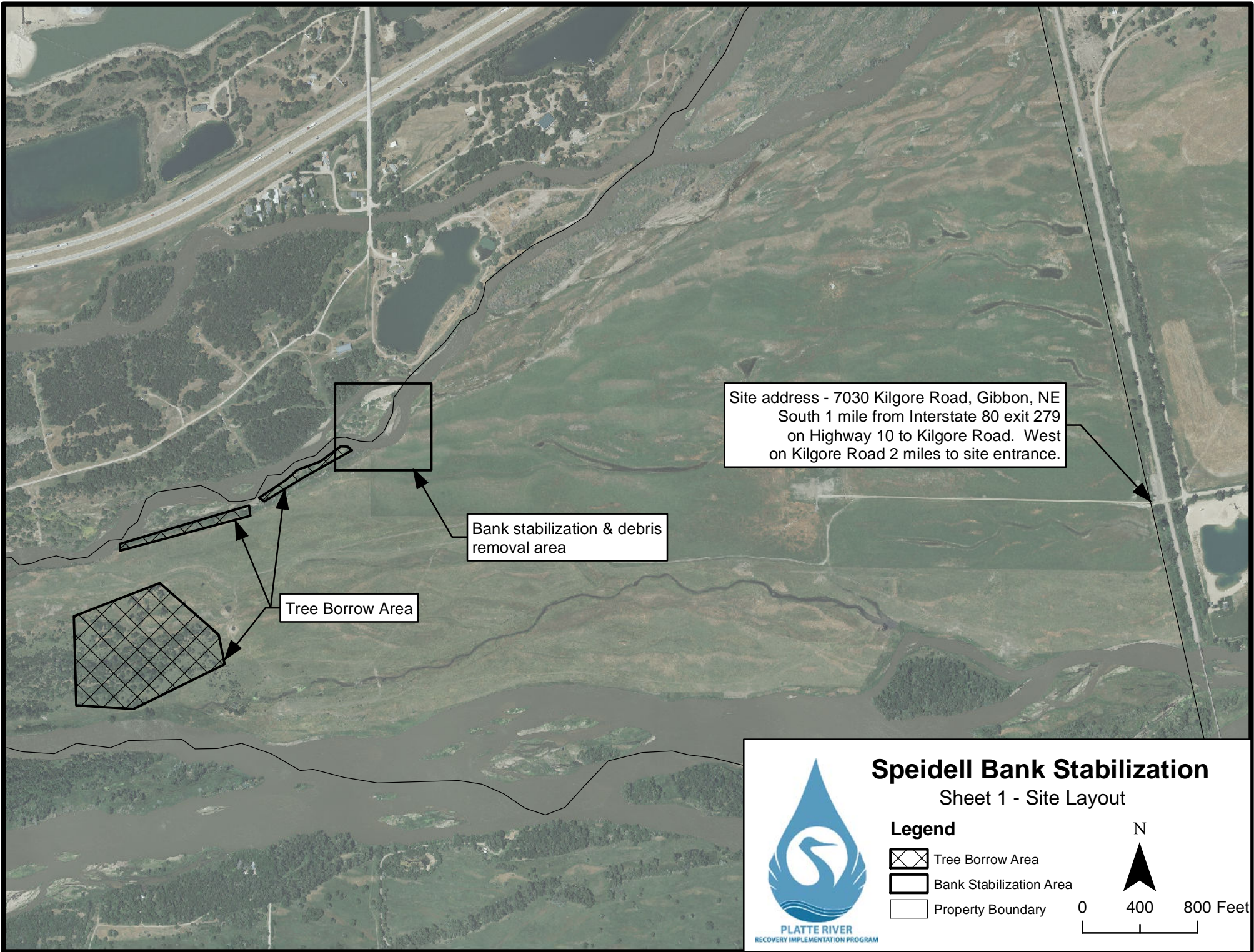
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
001	Mobilization and Demobilization	LS	1	NA	\$_____
002	Tree Stabilization Borrow, Installation & Cleanup	LS	1	NA	\$_____
TOTAL					\$_____

TOTAL QUOTE PRICE _____
 _____ dollars (\$))

Submitted by: _____
 (Company)

(Individual – Print)

(Sign/Date)



Site address - 7030 Kilgore Road, Gibbon, NE
South 1 mile from Interstate 80 exit 279
on Highway 10 to Kilgore Road. West
on Kilgore Road 2 miles to site entrance.




Bank stabilization & debris
removal area

Tree Borrow Area

Speidell Bank Stabilization

Sheet 1 - Site Layout

Legend

-  Tree Borrow Area
-  Bank Stabilization Area
-  Property Boundary

N



0 400 800 Feet




PLATTE RIVER
RECOVERY IMPLEMENTATION PROGRAM

Remove trees & debris from sandbar & place on south bank

Tree bundles should be oriented approximately 45 degrees downstream with the root wads anchored into the bank. (See Sheet 4)

Fence should be removed as necessary to complete stabilization. Posts shall be collected and piled for reuse. Wire shall be collected and disposed of by the contractor.



Speidell Bank Stabilization
Sheet 2 - Stabilization Layout

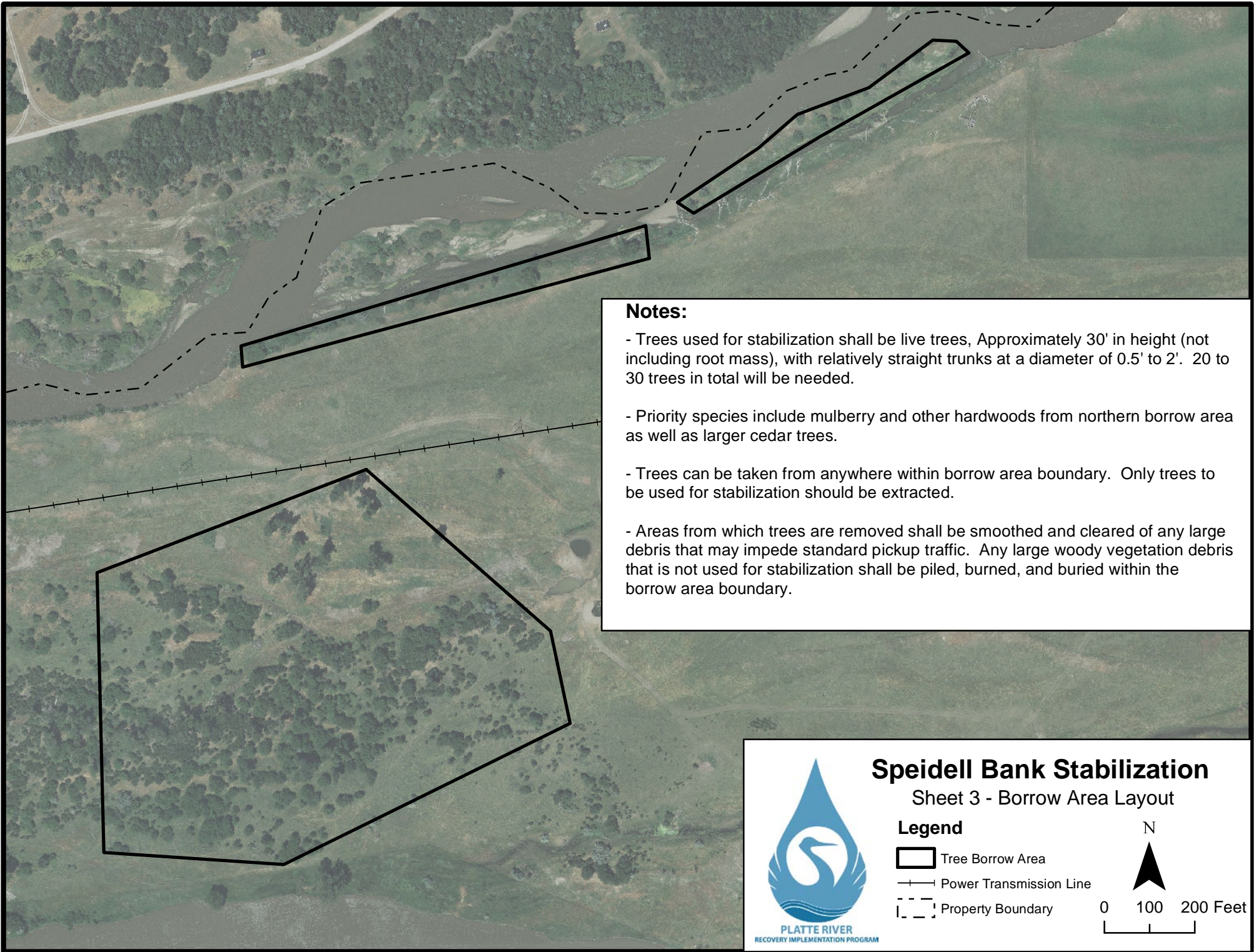
Legend

- Tree Placement
- ▨ Tree Clearing & Disking
- Property Boundary

0 30 60 Feet

N

PLATTE RIVER
RECOVERY IMPLEMENTATION PROGRAM



Notes:




- Trees used for stabilization shall be live trees, Approximately 30' in height (not including root mass), with relatively straight trunks at a diameter of 0.5' to 2'. 20 to 30 trees in total will be needed.
- Priority species include mulberry and other hardwoods from northern borrow area as well as larger cedar trees.
- Trees can be taken from anywhere within borrow area boundary. Only trees to be used for stabilization should be extracted.
- Areas from which trees are removed shall be smoothed and cleared of any large debris that may impede standard pickup traffic. Any large woody vegetation debris that is not used for stabilization shall be piled, burned, and buried within the borrow area boundary.




Speidell Bank Stabilization

Sheet 3 - Borrow Area Layout

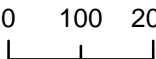
Legend

-  Tree Borrow Area
-  Power Transmission Line
-  Property Boundary

N



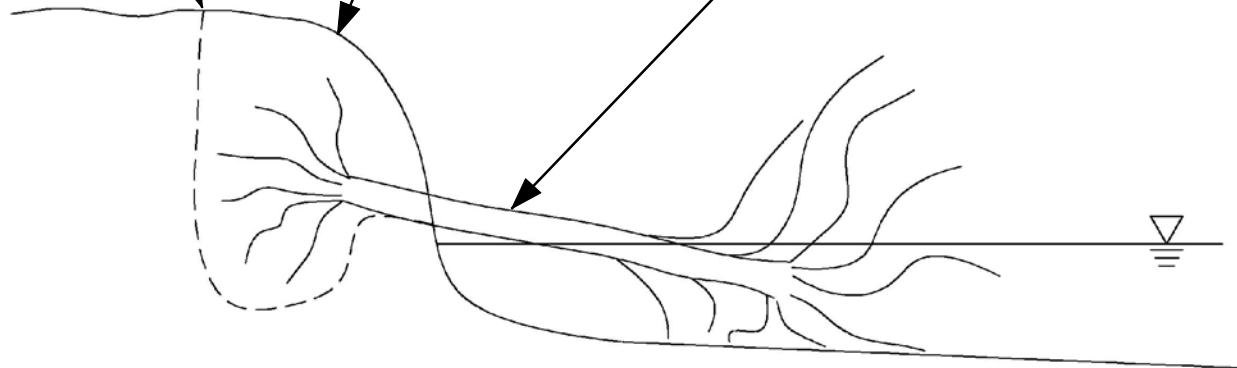
0 100 200 Feet



Excavate area sufficient to bury 4-5 trees & root wads, set back at least 10' from bank edge.

Pack trees tightly into soil, backfill and compact with excavating equipment.

Trees should be bundled together tightly, approx. 2-3 trees high and 2-3 trees wide and oriented at a 45 degree angle in the downstream direction.



Speidell Bank Stabilization
Sheet 4 - Stabilization Cross Section

Not To Scale