



BID DOCUMENTS, GENERAL CONDITIONS, AND PROJECT SPECIFICATIONS

Project: James River Streambank Stabilization – Hedgpeth Property

Owner: Hedgpeth Family Trust

Location: 700 block S. Farm Road 255, Rogersville, MO 65742

Primary Funding: Missouri Department of Natural Resources Section 319 Grant

Project Administration: The Watershed Committee of the Ozarks

Project Manager: Stacey Armstrong Smith, WCO

Engineering and Permits: Wagner & Associates, LLC

September 29, 2026



dtd 08/29/26

1. Invitation to Bid

Sealed bids will be received from qualified contractors for construction of the **James River Streambank Stabilization Project** – Hedgpeth Property.

The work generally consists of:

- Initial site preparation, clearing, grubbing, minor tree removal, and erosion control.
- Grading, excavation, filling, and placing rock and vegetation on a streambank approximately 7 to 10 feet in height and approximately 600 feet long.
- Installation of streambank stabilization measures including rock riprap, toe protection, in-stream bendway weirs, soil lifts, erosion control matting, native seeding, and other improvements shown on the plans. Some rock placement and work in the stream channel and some placement of rock and other material on the bank.
- Harvesting and/or acquisition, handling, placement and planting of native living tree stakes and native trees and shrubs as shown on the plans and described on the specifications.
- Ongoing erosion control during construction and restoration of disturbed areas upon completion of construction as shown on the plans. Coir matting upon completion of final grading for stabilization of soil.
- All labor, materials, equipment, and incidentals necessary to complete the work in accordance with the construction drawings and specifications.
- From the date of Notice to Proceed the **CONTRACTOR shall have 30 days to complete the work** except for seeding, stabilization, and all planting which shall take place in the designated planting seasons unless otherwise approved by the Project Manager and Engineer.

SPECIAL NOTE: The site is characterized by active bank erosion particularly during high water conditions that can potentially change site conditions. It is recommended that bidders become familiar with the site and existing conditions prior to submitting a proposal.

Bids shall conform to **10 CSR 20-4.040(17)**. Bids shall remain valid for sixty (60) days.

The Owner reserves the right to reject any or all bids, waive informalities, and accept the proposal deemed to be in the Owner's best interest.

2. Instructions to Bidders

- a. Bidders shall review all plans and specifications and become familiar with site conditions prior to submitting a bid.
- b. Bid prices shall include all labor, supervision, equipment, materials, mobilization, insurance, permits (unless specifically provided by Owner), taxes, overhead, and profit.

- c. Questions regarding the project shall be submitted in writing to the Project Administrator/Manager Stacey Armstrong Smith at stacey@watershedcommittee.org.
- d. Bidders shall acknowledge all addenda on the bid, if applicable.
- e. Bidders must be able to provide evidence of insurance prior to execution of a contract.
- f. Bidders must be able to comply with all applicable federal, state, and local laws and regulations.
- g. Bidders must be able to maintain all erosion and sediment controls throughout construction.
- h. Bidders shall become familiar with and be able to comply with obtained permits including the United States Army Corps of Engineers Section 404 permit and the accompanying Missouri Section 401 Water Quality Certification, and the Greene County Permit. Copies of these permits are attached or can be obtained upon request.
- i. The contract will be awarded to the lowest responsive and responsible bidder. Owner reserves the right to consider all bids and contractor qualifications and quality of bid when determining the award and must act in the best interest of the Project.
- j. Award of the Contract shall be made by issuance of a written Letter of Award to the successful Bidder. Upon execution of the Letter of Award by the Owner and acceptance by the Contractor, a binding Contract shall exist without the necessity of a separate formal agreement, unless the Owner elects otherwise.

3. Bid Form

Project: James River Streambank Stabilization – Hedgpeth Property

Bidder's Company Name: _____

Address: _____

Telephone: _____

Email: _____

Having carefully examined the Contract Documents, the undersigned proposes to furnish all labor, equipment, materials, and services necessary to complete the project for the following amount:

Base Bid

\$ _____

The undersigned certifies that:

- a. The bid is valid for sixty (60) days.
- b. The bidder has become familiar with the project site.
- c. The bidder possesses the equipment and personnel necessary to complete the work.
- d. The bidder agrees to enter into a contract if awarded.
- e. The bidder agrees to all conditions contained herein.

Authorized Signature

Printed Name/Title

Date

4. Bid Schedule

Bidders Sheet					
James River Bank Stabilization - Hedgpeth Project					
Item	Description	Quant	Units	Unit Cost	Cost
1	Mobilization	1	l.s.	x	\$ 10,000.00
2	Clearing/Grubbing (minimal trees/clearing)	1.5	acres	\$	\$
3	Cut/Fill Bank to form 2.5:1 slope	2,750	c.y.	\$	\$
4	LPTS Protection (18-24 inch d50 rip rap) - 600 l.f.	667	c.y.	\$	\$
5	Anchors (12-24 inch d50 rip rap) (6)	62	c.y.	\$	\$
6	Rock key/ribs (18-24 inch d50 rip rap) (100 l.f.)	56	c.y.	\$	\$
7	Bendway Weirs (18-24 inch d50 rip rap) (6)	106	c.y.	\$	\$
8	Front Face Rock (18-24 inch d50 rip rap) 250 l.f.	370	c.y.	\$	\$
9	Tributary Lining / Ramp (18-24 inch d50 rip rap)	170	c.y.	\$	\$
10	Erosion Control During Construction	1	l.s.	\$	\$
11	Coir Matting w/final grading of soil	16,000	s.f.	\$	\$
12	Live Stakes in revetment (3 per row spaced @ 24 inches)	1,200	ea	\$	\$
13	Trees in matting area (riparian restoration) (20' spaced grid)	120	ea	\$	\$
14	Shrubs/Forbes in matting area (riparian restoration) (10' spaced grid)	360	ea	\$	\$
	TOTAL FINAL DESIGN PROJECT COST ESTIMATE				\$

5. Contractor Qualifications

Bidders shall provide in their bid package the following:

- Company name, address, phone number and email.
- Years in business.
- Primary contact person with contact information.
- Description of three similar stream restoration or streambank stabilization projects completed within the last five years.
- References including owner contact information.
- List of anticipated subcontractors and suppliers.
- Equipment anticipated for use on this project.

Sub-contractors and suppliers list:

6. Proposed Schedule

Milestone	Date
Bid Notification	9/30/2026
Bids Due	11/3/2026
Notice to Proceed	11/17/2026
Substantial Completion*	12/23/2026
Final Acceptance	5/17/2027

*Substantial completion consists of all items completed except for confirmation of vegetation performance and survival specifications. Payment for bid items 12, 13, and 14 to be made upon survival and performance final acceptance.

7. Bonding Requirements

Each Bid shall be accompanied by a Bid Bond in an **amount equal to five percent (5%) of the total amount of the Bid**, including all base bid items and any additive or deductive alternates included in the Bid.

The Bid Bond shall be executed by the Bidder and a surety company authorized to conduct business in the State of Missouri and shall be payable to the Owner. The Bid Bond shall guarantee that, if the Bid is accepted, the Bidder will enter into the Contract and furnish the required **performance and payment bonds** within the time specified in the Contract Documents.

The Bid Bond shall be submitted with the Bid in the form included in the Bidding Documents, or in another form acceptable to the Owner and the Missouri Department of Natural Resources (MDNR). Failure to provide the required Bid Bond with the Bid shall be grounds for rejection of the Bid as non-responsive.

The Bid Bond of the successful Bidder will be retained until the Contract has been executed and the required performance and payment bonds have been furnished. Bid Bonds of unsuccessful Bidders will be returned following execution of the Contract with the successful Bidder.

The successful Bidder shall provide a Performance Bond and Payment Bond, each in the amount of one hundred percent (100%) of the Contract Price, in accordance with the Contract Documents and applicable Missouri and federal requirements.

8. Bid Award and Contract

This executed Bid Form, together with the Owner's Written Notice of Award creates the contract.

9. Additional Provisions

- a. *Permits* – all anticipated necessary permits have been obtained for the project including the USACE Section 404 Nationwide Permit and a Greene County Floodplain Development Permit. The Contractor shall be responsible for any additional permits that may be required.
- b. *Special Condition Regarding Flood Damage and Repairs* - the Contractor acknowledges that the Project work is located within the floodplain of the James River and that fluctuating stream levels, high-flow events, and inundation are foreseeable conditions during the construction of the Project. Until Final Acceptance by the Owner, the Contractor shall be solely responsible for protecting all work, materials, equipment, temporary works, erosion and sediment control measures, and partially complete improvements from damage caused by rainfall, runoff, streamflow, or flooding. The Contractor shall provide all labor, materials, equipment, and temporary measures necessary to secure the Work against anticipated weather and stream conditions.

Any damage to the Work resulting from rainfall, runoff, streamflow, flooding, erosion, scour, bank sloughing, sediment deposition, or other water-related events occurring prior to Final Acceptance shall be repaired or replaced by the Contractor at no additional cost to the Owner. Repairs shall restore the work to the lines, grades, elevations, and specifications shown in the contract plans and documents.

No additional compensation or extension of Contract Time shall be granted for delays or repairs resulting from *normal seasonal rainfall, ordinary flooding, or other hydrologic conditions that could reasonably be anticipated* for the project location and construction season.

In the case of the loss of construction materials such as rock or installed vegetation due to an exceptional flood event (>10-year flood), compensation for cost of repairs will be considered by the Project Owner and the specific repairs and associated compensation will be determined as is appropriate for the loss and as is mutually agreed to by the Project Owner and the Contractor.

- c. *Construction Survey* – the Contractor is responsible for construction survey and staking to ensure all improvements are in the correct design location and elevation in accordance with the Construction Plans. Due to the dynamic nature of the streambank, field adjustments may be considered as mutually agreed upon by the Contractor, Engineer, and Project Owner.
- d. *Measurement and payment* - the Engineer shall determine the quantities of Work completed and eligible for payment. Quantities shall be measured in the units specified in the Bid Schedule and as

mutually agreeable and shall represent the actual amount of acceptable work incorporated into the Project. The Contractor may submit quantity measurements for approval by the Engineer and the Project Administrator for payment.

Measurements may be made from field measurements, survey data, calculations, delivery tickets, or other records deemed appropriate by the Engineer. The Engineer's determination or approval of quantities shall be final unless a demonstrable error is identified.

Estimated quantities shown in the Bid Schedule are provided solely for the purpose of comparing bids and establishing unit prices. Actual quantities may vary from the estimated quantities, and no adjustment to the unit prices shall be made because of such variation.

Payment for each Bid Item shall be made at the Contract Unit Price multiplied by the measured quantity of acceptable work completed. The Contract Unit Price shall constitute full compensation for furnishing all labor, materials, equipment, tools, transportation, supervision, permits, overhead, profit, incidentals, and all other costs necessary to complete the Work in accordance with the Contract Documents.

No separate payment will be made for work not specifically identified as a separate Bid Item. Such costs shall be considered incidental to the applicable Contract Unit Prices.

The Project Administrator and Engineer reserve the right to increase or decrease quantities of individual Bid Items as necessary to complete the Project. Payment shall be based solely upon the actual quantities of acceptable work performed, unless otherwise authorized by an executed Change Order.

The Contractor shall submit monthly Applications for Payment showing quantities completed during the payment period. Payments shall be made only for work that has been inspected and accepted by the Engineer.

10. Vegetation Installation, Establishment, Replacement, Payment, Acceptance, Warranty

General

- a. The Contractor shall establish all vegetation furnished under this Contract, including live stakes, shrubs, trees, native seedlings, and other bioengineering materials. Vegetation shall remain the responsibility of the Contractor until Final Acceptance.
- b. Dead, damaged, diseased, missing, or unacceptable vegetation shall be replaced in accordance the following at no additional cost to the Owner unless the damage is directly attributable to the Owner or an approved extraordinary flood event as defined elsewhere in the Contract Documents.

Planting Season

Spring: March 15 to May 15

Fall: September 15 to November 15 (initial planting may extend to the substantial completion date upon approval by the Project Manager.)

Inspection Period

Vegetative establishment shall be evaluated on or before May 15, 2027, near the completion of the first complete planting season following installation. Final acceptance shall not occur until the Project Manager determines that the required survival and coverage criteria have been achieved. If replacement is necessary, it may take place by June 1 or it may be determined to make replacements during the fall 2027 planting season.

Payment for Vegetation

Full payment for vegetation will not be made prior to final acceptance of the plantings in accordance with the following specifications.

Live Stakes

Live stakes shall be considered acceptable when:

- a. Stakes are 5 to 10 feet in length.
- b. Stakes are firmly rooted.
- c. Bud break and leaf development are evident.
- d. Plants exhibit healthy growth.
- e. At least seventy-five percent (75%) of installed live stakes are living and actively growing at the time of inspection.
- f. Dead or missing stakes shall be replaced during the next planting season.

Native Grasses and Herbaceous Vegetation

Native seeded areas shall be considered acceptable when:

- a. A minimum of seventy percent (70%) uniform vegetative cover has been established.
- b. Soil erosion is not occurring.
- c. No individual bare area exceeds ten (10) square feet. Noxious weeds comprise less than ten percent (10%) of the total vegetative cover.

Areas failing to meet these criteria shall be reseeded, mulched, or otherwise restored until acceptable establishment is achieved.

Shrubs

Shrubs shall be considered acceptable when:

- a. Shrub container size is 2-gallons with plant height of 18 inches.

- b. Plants are alive and exhibit healthy foliage.
- c. Plants have produced new seasonal growth.
- d. At least seventy-five percent (75%) survival is achieved.
- e. Dead, unhealthy, or severely damaged shrubs shall be replaced during the next planting season.

Trees

Trees shall be considered acceptable when:

- a. Trees have a trunk caliper of 1" – 1-1/2" at 12 inches above grade.
- b. Trees are alive and structurally sound.
- c. Trees exhibit healthy foliage and terminal bud development.
- d. Trees are free from significant insects or disease damage.
- f. At least seventy-five percent (75%) survival is achieved.
- g. Dead, unhealthy, or severely damaged trees shall be replaced during the next planting season.

Trees with dead leaders, extensive bark damage, severe lean, broken trunks, or crown dieback shall be replaced.

Replacement

Replacement vegetation shall be of the same species and minimum size specified in the Contract Documents unless otherwise approved by the Engineer.

Plant replacement shall occur during the next appropriate planting season and shall remain under warranty until acceptable establishment has been achieved.

Final Acceptance

Final acceptance of vegetation shall occur when all survival, coverage, and establishment requirements have been satisfied, all replacement work has been completed, and the Engineer determines that the vegetative stabilization can perform its intended function. Full payment shall not be made until final acceptance.

11. Plant Palette for Select Native Vegetation

Following is an **approved native species** list for the Contractor, Project Manager, Owner, and Plant Supplier to mutually agree on based on project location, spacing, season, availability, cost, and other factors. Installation should follow the supplier's recommendations.

Recommended plant palette

Category	Common name	Scientific name	Recommended use
Live stakes	Silky willow	<i>Salix sericea</i>	Excellent live stake candidate
	Black willow	<i>Salix nigra</i>	Excellent wet-bank/live stake candidate
	Sandbar willow	<i>Salix interior</i>	Excellent colonizer; very suitable for lower bank
	Buttonbush	<i>Cephalanthus occidentalis</i>	Wet bank / lower floodplain
	Ninebark	<i>Physocarpus opulifolius</i>	Upper bank
	False indigo	<i>Amorpha fruticosa</i>	Upper/lower bank transition
Canopy trees	Sycamore	<i>Platanus occidentalis</i>	Excellent riverbank tree
	River birch	<i>Betula nigra</i>	Moist/frequently flooded areas
	Cottonwood	<i>Populus deltoides</i>	Floodplain/pioneer areas
	Silver maple	<i>Acer saccharinum</i>	Lower floodplain
	Boxelder	<i>Acer negundo</i>	Floodplain
	Bur oak	<i>Quercus macrocarpa</i>	Higher bank/floodplain
	Swamp white oak	<i>Quercus bicolor</i>	Moist floodplain
	Hackberry	<i>Celtis occidentalis</i>	Upper floodplain
Understory trees	Eastern redbud	<i>Cercis canadensis</i>	Upper bank
	Pawpaw	<i>Asimina triloba</i>	Shaded/moist upper bank
	American hornbeam / musclewood	<i>Carpinus caroliniana</i>	Moist, protected areas
	Persimmon	<i>Diospyros virginiana</i>	Upper bank
	Serviceberry	<i>Amelanchier arborea</i>	Upper bank/woodland edge

Category	Common name	Scientific name	Recommended use
Shrubs	Buttonbush	<i>Cephalanthus occidentalis</i>	Excellent lower-bank shrub
	Silky dogwood	<i>Cornus amomum</i>	Moist bank
	Gray dogwood	<i>Cornus racemosa</i>	Upper bank
	Ninebark	<i>Physocarpus opulifolius</i>	Upper bank
	False indigo	<i>Amorpha fruticosa</i>	Floodplain/bank
	Elderberry	<i>Sambucus canadensis</i>	Moist upper bank
	American hazelnut	<i>Corylus americana</i>	Upper bank
	Spicebush	<i>Lindera benzoin</i>	Shaded moist areas
Native grasses	Switchgrass	<i>Panicum virgatum</i>	Excellent stabilization grass
	Big bluestem	<i>Andropogon gerardii</i>	Upper bank
	Little bluestem	<i>Schizachyrium scoparium</i>	Upper/drier bank
	Indiangrass	<i>Sorghastrum nutans</i>	Upper bank
	Prairie cordgrass	<i>Spartina pectinata</i>	Wet/low areas
	River oats / inland sea oats	<i>Chasmanthium latifolium</i>	Shaded moist areas
	Bottlebrush grass	<i>Elymus hystrix</i>	Shaded bank
	Virginia wild rye	<i>Elymus virginicus</i>	Moist/shaded areas
Sedges / wet-bank herbaceous plants	Riverbank sedge	<i>Carex emoryi</i>	Low bank
	Palm sedge	<i>Carex muskingumensis</i>	Wet areas
	Gray's sedge	<i>Carex grayi</i>	Moist/shaded areas

NOTE: Missouri agencies recommend the use of **pin oak, indigo bush, bur oak, ninebark, sycamore, gray dogwood, cottonwood, silver maple, bald cypress, willow, river birch, buttonbush, boxelder, red maple, pawpaw, blue beech, hackberry, and wild oats/bottlebrush grass** among species associated with small river floodplain communities and riparian corridor restoration.

Following are recommended locations for various plant types based primarily on frequency of flood inundation and preferred soil conditions:

Zone 1 — Toe / Restoration Area to be Frequently Inundated

- Black willow
- Sandbar willow
- Silky willow
- Riverbank sedges
- Prairie cordgrass
- Live willow stakes
- Buttonbush
- Silky dogwood
- False indigo
- Switchgrass
- Virginia wild rye
- River oats
- Sedges

Zone 2 — Overbank / Floodplain Riparian Corridor Area

- Sycamore
- River birch
- Bur oak
- Swamp white oak
- Hackberry
- Pawpaw
- Ninebark
- Big bluestem
- Indiangrass
- Little bluestem

- Persimmon
- Redbud
- Serviceberry
- Hazelnut
- Switchgrass

PLANT SCHEDULE – EXAMPLE

Symbol	Common Name	Scientific Name	Size	Container / Root Condition
S-1	Buttonbush	Cephalanthus occidentalis	1 gal minimum	Container-grown
S-2	American elderberry	Sambucus canadensis	1 gal minimum	Container-grown
T-1	River birch	Betula nigra	1-1/2" caliper minimum	Container-grown or B&B
T-2	American sycamore	Platanus occidentalis	1-1/2" caliper minimum	Container-grown or B&B
T-3	Swamp white oak	Quercus bicolor	1-1/2" caliper minimum	Container-grown or B&B

Note: Final species, plant sizes, and approved root conditions shall be confirmed based on project site conditions, nursery availability, and the approved planting design.