



Horse Creek Road Crossing Construction
BID PACKET
October 28, 2022

Project Summary

The Shasta Valley Resource Conservation District has been awarded funding through the National Fish and Wildlife Foundation grant program to implement watershed restoration. The Horse Creek Project goals are to improve watershed health and reduce sediment sources within the Horse Creek drainage. The key objectives of are to treat road related sediment sources within the project area to improve watershed condition and improve instream habitat.

The project is located within the Klamath River watershed and is designed in conjunction with Klamath National Forest to improve watershed health and protect road infrastructure from failures that could lead to sediment deposition into this critical Coho salmon rearing stream. The contractor will be required to construct 22 road crossing upgrades or repairs as designed in the bid package.

Implementation must not begin before receiving the notice to proceed.

Contractor's Obligations

The Bidder must analyze and respond to all sections of this Bid Packet providing sufficient information to allow the SVRCD to evaluate the bids. The Contractor, by submitting its bids, agrees that any costs incurred by the Contractor in responding to this Bid Packet, are to be borne by Contractor and may not be billed to the SVRCD.

The Bidder must complete and submit all attachments in Appendix in the order listed. If the SVRCD has any confusion or difficulty in retrieving the required information from a Contractor's bid, it may result in the disqualification of such bid.

Bid Submission Requirements

Submission of Bids:

Contractor should mail or hand deliver their **sealed bid** to the address listed below **by 2pm on January 12, 2023**.

Shasta Valley RCD
215 Executive Ct., Suite A
Yreka, CA 96097

The envelope shall be plainly marked in the upper left-hand corner with the name and address of the bidder and shall bear the words "**Bid for the Horse Creek Road Crossing Construction**".

Critical Dates

Pre-bid Site Visit

Contractors wishing to bid on this project can attend a pre-site visit on **November 14, 2022**, at 10:00 by contacting Dan Blessing at the email address above to confirm their attendance.

Contractors can meet with Shasta Valley RCD staff in the turnout next to the Horse Creek Bridge (Barr Road).

Questions Regarding the Bid Packet:

Contractors may submit questions by email to dblessing@svrcd.org before **5:00 pm on November 30, 2022**. All pertinent questions will be answered and shared by e-mail with all other Contractors interested in bidding on the project by **December 5, 2022**. Contractor understands and agrees that it has a duty to inquire about and clarify any Bid Packet questions that the Contractor does not fully understand or believes may be interpreted in more than one way. The SVRCD, however, is not required to answer questions that are not pertinent to the Bid Packet or are considered to be proprietary information. The contact information is as follows:

Dan Blessing, Project Manager
Email: dblessing@svrcd.org
Phone: 805.458.2684

Bid Due Date: Bids shall be received by the SVRCD on or before **January 12, 2023, at 2:00 pm** at the SVRCD address listed above. Late submissions will not be accepted.

Contract Dates: The Contractor shall not begin operations until the Notice to Proceed is issued. All work shall be completed by **October 31, 2023**.

Contractual Commitment of Bid

The contents of submitted bids will be considered obligations of the successful Contractor. No information should be submitted that is not intended to be incorporated into the bid and any contract, which may result from such bid. If there is any inconsistency between the terms herein and any of the contract documents, the terms in the contract documents shall prevail.

Labor Compliance

Contractor agrees to be bound by all the provisions of the Federal Labor code for construction contracts and shall monitor all contracts subject to reimbursement from this Agreement to assure that the provisions of the Labor Code are being met.

Project Specifications

Scope of Work: This solicitation is for contract work that consists of excavating the specified segments described in Bid Form Attachment No. 1: Construction and Material Notes and Appendix II Exhibit B: Horse Creek Culvert SIGNED BID SET for constructing rolling dips, installing CMPs, resurfacing the roadway, re-grading the impacted roadway, and other incidental work as specified in the drawings and specifications for all 22 locations. The contractor is responsible for verifying all measurements, determining actual quantities of materials needed, and carefully coordinating and scheduling work.

Site Description: The sites are in the Horse Creek drainage north of the community of Horse Creek California. All sites are located on the Klamath National Forest along forest system roads. Preliminary inspection and site analysis has been done by the KNF.

Timing: The Contractor shall be required to (a) commence work under each task order under this contract within forty-five (45) calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than **10/31/2023**. The time stated for completion shall include final cleanup of the premises. The

completion date may be extended depending upon how many items are awarded and the date that the successful offeror receives the notice to proceed by.

Government Furnished Items

1. Forest Maps with the approximate road crossing location shown.
2. Site meeting to explain construction expectations.
3. Standard AutoCAD details, as available.
4. A list of any Project Design Features and Best Management Practices to be adhered to during construction.
5. An electronic copy of bid items and special contract requirement sections.

Payment Schedule

Contractor will be paid for expenses based on the invoices submitted on a monthly basis. The schedule is negotiable and will be refined during the contracting process. The SVRCD must receive invoices no later than the 5th of each month in order to adhere to the SVRCD's billing schedule.

Payments to the contractors shall be paid within thirty (30) days from receipt of the funds by the SVRCD from the funding agency, *which can be as much as three months after invoice submittal for this particular grant*. SVRCD will make every effort to expedite payment to the contractor.

Bid Details

This contract will *not* be awarded based solely on the lowest bid. This project requires experience and references as described in the Additional Information section under the subheading *References & Required Experience*. Bidders will be evaluated using the Contracting Services Scoring Sheet (See Appendix I: Bid Form Attachment No. 5).

The Contractor shall submit the bid for activities identified in this Bid Packet using the Bid Forms within Appendix I. Bid may be rejected if the Bid Forms are not used or are incomplete. **Selected contractor will have to provide a 5% performance bond upon contract award.**

Additional Information

Directions to the Project location: The project area is located in the upper watershed of Horse Creek Northwest of the community of Horse Creek, California west of Yreka in the County of Siskiyou (see vicinity map).

Access: The contractor will work to minimize road disturbance from vehicular travel by limiting travel during wet periods on native surface roads.

References & Required Experience: Contractor will provide proof of completion and references three (3) projects of similar size and scope (as determined by the SVRCD Project Manager). References should speak to the contractor's experience in the type of work identified in the Project Specifications. References should include a contact name and current phone numbers.

Disputes: Disputes regarding awarding of bids will be decided by the SVRCD Board. Written appeal must be received within 10 days of award.

Maps and Measurements: The maps are provided as Attachments. They are intended to show only the general location of the treatment areas. If the maps conflict with the field marking, the field markings shall govern. Positions of features are approximate.

Storage and stockpiling of materials: Roadway and suitable areas adjacent to the site may be utilized for temporary stockpiling of materials as approved by the SVRCD. Operations shall be scheduled and conducted to minimize erosion of soils and to prevent silting and muddying of streams, rivers, irrigation systems, and impoundments (lakes, reservoirs, etc.). The Contractor shall also minimize erosion of soil during construction, storage and stockpiling.

Pollutants such as fuels, lubricants, bitumen's, raw sewage, and other harmful materials shall not be discharged on the ground; into or nearby rivers, streams, or impoundments; or into natural or man-made channels. Wash water or waste from concrete or aggregate operations shall not be allowed to enter live streams prior to treatment by filtration, settling, or other means sufficient to reduce the sediment content to not more than that of the stream into which it is discharged. Mechanized equipment shall not be operated in flowing streams without written approval by the Project Manager.

The contractor shall use an agreed upon location for storage and stockpiling of materials.

Local disposal sites: The Contractor shall be allowed to dispose of material at storage and stockpiling site once approved by the Project Manager and the KNF. All construction debris including culverts remains property of the Contractor and shall be properly disposed of off National Forest Land.

Unusual hazardous conditions: Working within a burned area has been identified as inherently hazardous to a degree that failure to take the proper precautions could lead to serious injury or loss of life. The Contractor shall provide a written job-specific hazard analysis and safety plan that addresses this hazardous condition. Appropriate actions shall be taken by the Contractor to implement this plan during performance and to take any and all other necessary steps to mitigate the dangers from hazards.

Limited Operation Period: All in-stream work in live streams shall be limited to the period **July 15, 2023 and September 15, 2023 inclusive.**

Environmental Compliance: All work shall be completed in compliance with the signed Decision Memo for the project including Project Design Features and Best Management Practices located on pages 6 to 14 of Exhibit C: Horse Creek Legacy Site Project DM October262017 in Appendix II.

Water Sources Sites: The Contractor shall use the existing water sources available within the project area. The contractor shall follow BMPs such as FSM 2540 for water source use. The contractor shall notify the Project Manager which of the pre-approved drafting site(s) will be used during construction. Contractor shall then perform all necessary brushing in order to access the selected drafting site(s), and lay 8- cubic yards of oversized drain rock (3"-5" diameter) in the loading and turnaround zone at each selected site.

Attachments

Appendix I

- Bid Form Attachment No. 1: Construction and Material Notes
- Bid Form Attachment No. 2: Contractor Information
- Bid Form Attachment No. 3: Bid Schedule
- Bid Form Attachment No. 4: Project Questionnaire
- Bid Form Attachment No. 5: Contractor Scoring Sheet Example (Contractor does ***not*** fill out)
- Bid Form Attachment No. 6: Work Plan

Appendix II

- Exhibit A: Site Location Map
Vicinity Map
- Exhibit B: Horse Creek Culvert SIGNED BID SET
- Exhibit C: Horse Creek Legacy Site Project DM October262017

Appendix I

BID FORM ATTACHMENT NO. 1: CONSTRUCTION AND MATERIAL NOTES

1. These plans reference the 2018 caltrans state standard specifications and are referred to as the "state specifications" in the following notes and on these plans. These plans reference the Caltrans 2018 standard plans and revised standard plans.
2. This section includes general provisions for these plans.
 - 2.1. If a specification is not provided herein for work shown on the plans the contractor must refer to the state specifications.
 - 2.2. Engineer is defined as a representative of the shasta valley resource conservation district or it's agents.
3. This section includes provisions for mobilization and temporary traffic control.
 - 3.1. All work performed for mobilization must conform to the following specifications.
 - 3.1.1. Mobilization must conform to public contract code section 10104, which is included below.
 - 3.1.1.1. "mobilization" includes preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies and incidentals to the project site, for the establishment of all offices, buildings and other facilities necessary for work on the project, and for all other work and operations which must be performed or costs incurred prior to beginning work on the various items on the project site.
 - 3.3.2. Provide all submittals prior to beginning construction for review and approval by the engineer. Review period must not exceed 5 business days.
 - 3.3.1.1. Provide submittals for all material and products used with sufficient detail to verify the product or material meets the specifications herein.
 - 3.3.1.2. Submit shop drawings for all fabricated elements.
 - 3.4. All work performed for temporary traffic control must conform to section 12 of the state specifications and/or as specified herein.
 - 3.4.1. Contractor must submit a traffic control plan for review and approval.
 - 3.4.2. Contractor may close a forest road to public traffic with written approval from the engineer for no longer than 3-days or as directed and as specified herein.
 - 3.4.2.1. Contractor must ensure closure will not trap any vehicles beyond closure point.
 - 3.4.2.1.1. Provide 48-hours notice of closure by placing sign with closure dates at last road fork below closure or as directed by the engineer.
 - 3.4.2.2. In the event of an emergency including, but not limited to, forest fire related activities or search and rescue operations, the contractor will be required to restore road sufficient enough to allow passage of wildland fire engine.

- 3.5. All work for temporary erosion control must conform to the following specifications:
 - 3.5.1. Contractor is solely responsible for all erosion control and must implement best management practices (bmp) to ensure erosion does not enter any streams.
 - 3.5.2. At a minimum contractor must place biodegradable fiber rolls at the bottom of all disturbed slopes along the entire length of the grading limits and then horizontally across disturbed slopes at 5-ft oc vertical spacing. Install fiber rolls per section 21-2.03p of the state specifications and per Caltrans std plan h51 for type 2 fiber rolls.
 - 3.5.3. Biodegradable fiber rolls must meet the provisions in section 21-2.02p for type 2 fiber rolls (10 to 12 inches in diameter and weight 3 lb/ft) of the state specifications.
 - 3.5.4. Fasteners must meet the provisions of section 21-2.02r of the state specifications except metal stakes and staples are not allowed.
 - 3.5.5. All materials left in place at the completion of the construction must be fully biodegradable and persist for 1-year minimum.
 - 3.5.6. Leave biodegradable fiber rolls in place.
 - 3.5.7. Spread local species plant seed mix on all disturbed surfaces including newly placed rsp and 8-in quarry spalls.
9. This section includes provisions for clearing and grubbing.
 - 9.1. Clear and grub all vegetation from excavated areas.
 - 9.2. Place any trees that are necessary to remove in order to remove and replace existing culverts horizontally across slope downhill of the grading the limits. Leave limbs in tact. Dispose of rootwad if removed from tree.
10. Roadway excavation must conform to section 19 of the state specifications.
11. This section includes provisions for furnishing and placing 6-in quarry spalls.
 - 11.1. 6-in quarry spalls must consist of broken stone free of any manmade material and comply with section 72 of the state specifications or as noted herein.
 - 11.2. 6-in quarry spalls must be well graded material that meets the following gradation (percentages given are for % weight of total):
 - 11.2.1. 100% passing the 6-in sieve
 - 11.2.2. 40% max passing 4-in sieve
 - 11.2.3. 15% min passing 4-in sieve.
 - 11.2.4. 10% max passing 3/4-in sieve.
 - 11.3. 6-in quarry spalls must be free of organic material or woody debris or manmade materials.
12. All classes of rsp shown on the plans must meet the requirements of section 72 of the state specifications or approved equal.
13. Filter fabric used for grade separation must be mirafi 160n geosynthetic or approved equal.
14. This section includes provisions for aggregate base and pipe bedding.

14.1. Class 2 aggregate base must meet the gradation for 1-1/2-in maximum specified in section 26-1.02b of the state specifications.

14.2. Pipe bedding must meet the gradation specified in section 26-1.02b for 3/4-in maximum of the state specifications except that 100% minimum must pass 3/4-in sieve.

15. This section includes provisions for corrugated metal pipe (cmp), end sections, and debris racks.

15.1. All pipes, fittings, couplings, end sections and any other appurtenances or parts must be fully galvanized per section 75-1.02b of the state specifications.

15.2. Corrugated metal pipe and end sections must be contech hel-cor® corrugated steel pipe and standard flared end sections or approved equal meeting the specifications in section 66 of the state specifications and the following specifications:

15.2.1. 24-in cmp must have a minimum gage thickness of 18 (0.052) with 2-2/3-in x 1/2-in corrugations.

15.2.2. 36-in cmp must have a minimum gage thickness of 16 (0.064) with 2-2/3-in x 1/2-in corrugations.

15.2.3. 48-in cmp must have a minimum gage thickness of 16 (0.064) with 2-2/3-in x 1/2-in corrugations.

15.2.4. 60-in cmp must have a minimum gage thickness of 14 (0.079) with 3-in x 1-in corrugations.

15.2.5. 84-in cmp must have a minimum gage thickness of 12 (0.109) with 3-in x 1-in corrugations.

15.2.6. Install per manufacturer's recommendations.

15.3. Debris rack for flared end section inlets must be j & j drainage product's trash guard or approved equal.

15.3.1. Install per manufacturer's recommendations.

BID FORM ATTACHMENT NO. 2: Contractor Information

Bid Due Date: January 12, 2023 at 2:00 pm

General Information:

Company Name: _____

Company Address: _____

Contact Name: _____

Phone: _____

Email: _____

Years in Business: _____

Similar Project Experience

Provide a listing of your work for the past 3 years which involve culvert installation and road excavation. Include the dates of performance, who you worked for, the name of their contact person, and their phone number.

References: Provide 3 references, with contact names and phone numbers for each reference.

1. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

2. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

3. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

Bid Validity Please specify the length of time this bid is valid for (must be a minimum of 30 days).

Bid Information

Bidder agrees to accept as full payment the following total base bid price:

_____ dollars
(in words)

_____ dollars
(in numerals)

In the event of a discrepancy, amount in words shall prevail.

The bidder hereby acknowledges that the total base bid price is based solely on the bidder’s own estimate of costs and includes all applicable taxes, overheads, and profit.

Contractor
Signature _____

Additional bid Information: Please provide detailed information as outlined in the bid schedule below. Costs shown above should include all materials, labor, taxes, overheads, and profit, which must also be included in following schedule.

BID FORM ATTACHMENT NO. 3: Bid Schedule**1. GROUP A BID ITEM LIST**

ITEM NO.	BID ITEM	UNITS	QUANTITY	BID UNIT COST	BID TOTAL COST
A1	MOBILIZATION	LS	1		
A2	CLEARING AND GRUBBING	LS	1		
A3	ROADWAY EXCAVATION	CY	840		
A4	EXCESS MATERIAL DISPOSAL	CY	720		
A5	REMOVE EXISTING CULVERT	LF	145		
A6	36-IN CORRUGATED METAL PIPE	LF	50		
A7	60-IN CORRUGATED METAL PIPE	LF	95		
A8	60-IN FLARED INLET WITH DEBRIS RACK	EA	1		
A9	36-IN RISER PIPE WITH ATRIUM GRATE	EA	1		
A10	CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY	TN	385		
A11	PIPE BEDDING	TN	100		
A12	6-IN QUARRY SPALLS	TN	725		
A13	CLASS 3 RSP	CY	26		
A14	GEOSYNTHETIC FILTER FABRIC	SY	625		
A15	BIODEGRADABLE FIBER ROLLS	LF	800		
	TOTAL BID COST FOR GROUP A				

2. GROUP B BID ITEM LIST

ITEM NO.	BID ITEM	UNITS	QUANTITY	BID UNIT COST	BID TOTAL COST
B1	MOBILIZATION	LS	1		
B2	CLEARING AND GRUBBING	LS	1		
B3	ROADWAY EXCAVATION	CY	775		
B4	EXCESS MATERIAL DISPOSAL	CY	925		
B5	REMOVE EXISTING CULVERT	LF	355		
B6	48-IN CORRUGATED METAL PIPE	LF	257		
B7	60-IN CORRUGATED METAL PIPE	LF	90		
B8	48-IN FLARED INLET WITH DEBRIS RACK	EA	3		
B9	60-IN FLARED INLET WITH DEBRIS RACK	EA	1		
B10	CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY	TN	265		
B11	PIPE BEDDING	TN	245		
B12	6-IN QUARRY SPALLS	TN	800		
B13	CLASS 3 RSP	CY	75		
B14	GEOSYNTHETIC FILTER FABRIC	SY	550		
B15	BIODEGRADABLE FIBER ROLLS	LF	550		
	TOTAL BID COST FOR GROUP B				

3. GROUP C BID ITEM LIST

ITEM NO.	BID ITEM	UNITS	QUANTITY	UNIT COST	TOTAL COST
C1	MOBILIZATION	LS	1		
C2	CLEARING AND GRUBBING	LS	1		
C3	EXCESS MATERIAL DISPOSAL	CY	40		
C4	REMOVE EXISTING CULVERT	LF	122		
C5	36-IN CORRUGATED METAL PIPE	LF	128		
C6	36-IN FLARED INLET WITH DEBRIS RACK	EA	2		
C7	48-IN FLARED INLET WITH DEBRIS RACK	EA	0		
C8	60-IN FLARED INLET WITH DEBRIS RACK	EA	0		
C9	36-IN RISER PIPE WITH ATRIUM GRATE	EA	0		
C10	48-IN RISER PIPE WITH ATRIUM GRATE	EA	1		
C11	84-IN RISER WITH DEBRIS RACK	EA	0		
C12	CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY	TN	85		
C13	PIPE BEDDING	TN	70		
C14	6-IN QUARRY SPALLS	TN	60		
C15	CLASS 3 RSP	CY	23		
C16	BIODEGRADABLE FIBER ROLLS	LF	150		
	TOTAL COST FOR GROUP C				

4. GROUP D BID ITEM LIST

ITEM NO.	BID ITEM	UNITS	QUANTITY	UNIT COST	TOTAL COST
D1	MOBILIZATION	LS	1		
D2	CLEARING AND GRUBBING	LS	1		
D3	ROADWAY EXCAVATION	CY	395		
D4	EXCESS MATERIAL DISPOSAL	CY	355		
D5	REMOVE EXISTING CULVERT	LF	207		
D6	36-IN CORRUGATED METAL PIPE	LF	90		
D7	48-IN CORRUGATED METAL PIPE	LF	44		
D8	60-IN CORRUGATED METAL PIPE	LF	71		
D9	36-IN FLARED INLET WITH DEBRIS RACK	EA	2		
D10	48-IN FLARED INLET WITH DEBRIS RACK	EA	1		
D11	60-IN FLARED INLET WITH DEBRIS RACK	EA	1		
D12	CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY	TN	310		
D13	PIPE BEDDING	TN	145		
D14	6-IN QUARRY SPALLS	TN	435		
D15	CLASS 3 RSP	CY	53		
D16	GEOSYNTHETIC FILTER FABRIC	SY	440		
D17	BIODEGRADABLE FIBER ROLLS	LF	420		
	TOTAL COST FOR GROUP D				

5. GROUP E BID ITEM LIST

ITEM NO.	BID ITEM	UNITS	QUANTITY	UNIT COST	TOTAL COST
E1	MOBILIZATION	LS	1		
E2	CLEARING AND GRUBBING	LS	1		
E3	ROADWAY EXCAVATION	CY	275		
E4	EXCESS MATERIAL DISPOSAL	CY	170		
E5	REMOVE EXISTING CULVERT	LF	206		
E6	24-IN CORRUGATED METAL PIPE	LF	227		
E7	60-IN CORRUGATED METAL PIPE	LF	76		
E8	36-IN RISER PIPE WITH ATRIUM GRATE	EA	7		
E9	84-IN RISER WITH DEBRIS RACK	EA	1		
E10	CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY	TN	465		
E11	PIPE BEDDING	TN	165		
E12	4-IN DRAIN ROCK	TN	335		
E13	6-IN QUARRY SPALLS	TN	1070		
E14	CLASS 3 RSP	CY	71		
E15	GEOSYNTHETIC FILTER FABRIC	SY	1480		
E16	BIODEGRADABLE FIBER ROLLS	LF	930		
	TOTAL COST FOR GROUP E				

6. MEASUREMENT AND PAYMENT

GENERAL

Unit prices furnished by the Contractor shall be used only as a basis for determining progress payments or authorized changes in the work. No adjustment in the unit prices will be made due to any Contractor's claims for additional labor and materials unless such additional work is specifically requested in writing by the Engineer.

All quantities not designated as "Final Pay Quantities" will be paid for as "Partial Payment Quantities." These quantities shall be measured during construction and paid for as shown on bid sheet or as specified herein. "Final Pay Quantities" will be paid for based on the quantities shown on the bid list regardless of actual quantity used unless dimensions are changed by the engineer.

Full compensation for performing all the work as shown on the plans, as specified in the State of California Department of Transportation Standard Specifications, and specified herein, including furnishing all labor, materials, tools, equipment and incidentals and performing all alterations necessary to complete the work, shall be considered as included in the contract price paid for the various items of work, and no additional compensation will be allowed therefor.

MOBILIZATION

The contract lump sum price for the "MOBILIZATION" bid item must include full compensation for, but not limited to, all labor, equipment, materials, and products for performing mobilization, traffic control, temporary erosion control, and demobilization for the project site.

CLEARING AND GRUBBING

The contract lump sum price for the "CLEARING AND GRUBBING" bid item must include full compensation for, but not limited to, all labor, equipment, materials, and products for performing clearing and grubbing all vegetation from within required grading/excavation limits areas and legally disposing of all waste material off site.

ROADWAY EXCAVATION

The contract unit price per cubic yard for the "ROADWAY EXCAVATION" bid item must include full compensation for, but not limited to, all labor, equipment, materials, and products for performing for performing roadway excavation as required to construct the improvements to meet the grades shown on the plans. Trench excavation is not included in roadway excavation. Roadway excavation is a final pay item and any change in quantity is not allowed unless extra work is directed in writing by the engineer. Any additional work must be paid for at the contract unit price per cubic yard.

EXCESS MATERIAL DISPOSAL

The contract unit price per cubic yard for the "EXCESS MATERIAL DISPOSAL" bid item must include full compensation for, but not limited to, all labor, equipment, materials, and products for performing for performing Excess Material Disposal including hauling, stockpiling, spreading, fine grading, and compacting Excess Material at locations shown on the plans or as directed by the Engineer. Excess Material Disposal is a final pay item and any change in quantity is NOT allowed unless extra work is

directed in writing by the Engineer. Any additional work must be paid for at the contract unit price per cubic yard.

REMOVE EXISTING CULVERT

Measurement for the “REMOVING EXISTING CULVERT” bid item is measured by the linear foot of the pipe removed and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for Removing Existing Culvert including excavation, removal and legal disposal of pipe and any associated appurtenances.

24-IN CORRUGATED METAL PIPE

Measurement for the “24-IN CORRUGATED METAL PIPE” bid item is measured by the linear foot along the crown of the pipe installed not including end sections and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing 36-in Corrugated Metal Pipe including furnishing and placing pipe and all appurtenances such as couplings, excavation, backfill, and compaction.

36-IN CORRUGATED METAL PIPE

Measurement for the “36-IN CORRUGATED METAL PIPE” bid item is measured by the linear foot along the crown of the pipe installed not including end sections and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing 36-in Corrugated Metal Pipe including furnishing and placing pipe and all appurtenances such as couplings, excavation, backfill, and compaction.

48-IN CORRUGATED METAL PIPE

Measurement for the “48-IN CORRUGATED METAL PIPE” bid item is measured by the linear foot along the crown of the pipe installed not including end sections and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing 36-in Corrugated Metal Pipe including furnishing and placing pipe and all appurtenances such as couplings, excavation, backfill, and compaction.

60-IN CORRUGATED METAL PIPE

Measurement for the “60-IN CORRUGATED METAL PIPE” bid item is measured by the linear foot along the crown of the pipe installed not including end sections and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing 60-in Corrugated Metal Pipe including furnishing and placing pipe and all appurtenances such as couplings, excavation, backfill, and compaction.

36-IN FLARED INLET WITH DEBRIS RACK

Measurement for the “36-IN FLARED INLET WITH DEBRIS RACK” bid item is measured per each for each 36-in flared end section installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing flared inlet end section with debris rack.

48-IN FLARED INLET WITH DEBRIS RACK

Measurement for the “60-IN FLARED INLET WITH DEBRIS RACK” bid item is measured per each for each 48-in flared end section installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing flared inlet end section with debris rack.

60-IN FLARED INLET WITH DEBRIS RACK

Measurement for the “60-IN FLARED INLET WITH DEBRIS RACK” bid item is measured per each for each 60-in flared end section installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing flared inlet end section with debris rack.

36-IN RISER PIPE WITH ATRIUM GRATE

Measurement for the “36-IN RISER PIPE WITH ATRIUM GRATE” bid item is measured per each for each 36-in riser pipe with atrium grate installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing 36-in riser pipe with atrium grate including fabricating atrium grate, cutting inlets openings, connecting new culvert pipe, excavation, fine grading around inlet and grout placement in bottom of riser inlet.

48-IN RISER PIPE WITH ATRIUM GRATE

Measurement for the “48-IN RISER PIPE WITH ATRIUM GRATE” bid item is measured per each for each 48-in riser pipe with atrium grate installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing 48-in riser pipe with atrium grate including fabricating atrium grate, cutting inlets openings, connecting new culvert pipe, excavation, fine grading around inlet and grout placement in bottom of riser inlet.

84-IN RISER PIPE WITH DEBRIS RACK

Measurement for the “84-IN RISER PIPE WITH DEBRIS RACK” bid item is measured per each for each 84-in riser pipe with debris rack installed and the contract unit price per each must include full compensation for, but not limited to, all labor, equipment, materials, and products for installing 84-in riser pipe with debris rack including fabricating debris rack, cutting inlets openings, connecting new culvert pipe, excavation, fine grading around inlet and grout placement in bottom of riser inlet.

CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY

The measurement for the “CLASS 2 AB (1-1/4-IN MINUS) FOR ROADWAY” bid item is measured by the ton of material placed determined by collected truck delivery tickets and the contract unit price per ton must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing the Class 2 AB including spreading, fine grading, and compacting. Contractor must submit truck delivery tickets that clearly show tonnage delivered to receive compensation.

PIPE BEDDING

The measurement for the “PIPE BEDDING” bid item is measured by the ton of material placed determined by collected truck delivery tickets and the contract unit price per ton must include full

compensation for, but not limited to, all labor, equipment, materials, and products for placing the Pipe Bedding including spreading, fine grading, and compacting. Contractor must submit truck delivery tickets that clearly show tonnage delivered to receive compensation.

6-IN QUARRY SPALLS

The measurement for the “6-IN QUARRY SPALLS” bid item is measured by the ton of material placed determined by collected truck delivery tickets and the contract unit price per ton must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing the 6-IN QUARRY SPALLS including excavation, spreading, and fine grading. Contractor must submit truck delivery tickets that clearly show tonnage delivered to receive compensation.

CLASS 3 RSP

The measurement for the “CLASS 3 RSP” bid item is measured by the cubic yard of material placed as measured in the field and the contract unit price per cubic yard must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing the Class 3 RSP including excavation, spreading, and fine grading.

GEOSYNTHETIC FILTER FABRIC

The measurement for the “GEOSYNTHETIC FILET FABRIC” bid item is measured by the square yard of material placed as measured in the field and the contract unit price per square yard must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing the Filter Fabric. Quantity shown does not include overlaps.

BIODEGRADABLE FIBER ROLLS

The measurement for the “BIODEGRADABLE FIBER ROLLS” bid item is measured by the linear foot of material placed as measured in the field and the contract unit price per linear foot must include full compensation for, but not limited to, all labor, equipment, materials, and products for placing the Fiber Rolls. Quantity shown does not include overlaps.

BID FORM ATTACHMENT NO. 4: PROJECT QUESTIONNAIRE

Please fill in the Contractor's project schedule below:

SVRCD Schedule

Bid Packet: October 28, 2022

Pre-Bid Tour: November 14, 2022; 10:00 am

Bids Due and Opened: January 12, 2023; 2:00 pm

Bidder Selected and Awarded: By January 27, 2023

Project Complete: By October 31, 2023

Contractor's Schedule (please write dates in space provided)

Please Initial _____ if Contractor understands that the above schedule is binding and will be *used to determine contractor's suitability for the project*, as well as evaluating contractor performance.

BID FORM ATTACHMENT NO. 5: Contractor Bid Scoring Sheet to be completed by SVRCD.
(Contractor does NOT fill out)

Contractor Bid Scoring Sheet			
Funding Source:	National Fish and Wildlife Foundation grant		
Project Title:	Horse Creek Road Crossing Construction		
Bidder/Contractor:			
Lump Sum Bid Amount:			
Where does this Bid rank?			
		Y	N
	License(s) necessary to perform project:		
Experience with similar projects (based on References and/or RCD experience with Contractor and/or what is listed as experience):			
Exhibits an understanding of project through experience or has provided a sufficient workplan:			
Following requirements will be evaluated on the following scoring criteria:			
Scoring Criteria:	<i>5 = Excellent</i>		
	<i>3 = Adequate</i>		
	<i>0 = Inadequate (cause for rejection of bid)</i>		
	Guarantee on Services:		
	Road Construction Experience:		
	Ability to implement project within stipulated timeframe:		
	Licensed to perform work:		
	Proposal for completing tasks:		

BID FORM ATTACHMENT NO. 6: WORK PLAN

Please use the following space to describe in sufficient detail the work plan or methods you will employ to gain site access and accomplish the project according to specifications. This will include a full description of how the project will meet the site requirements and prevent damage to infrastructure. You may attach a written response to this packet if needed.

- a) Provide a brief explanation of your capability to accomplish this work. You can include a description of the work you plan to subcontract out.
- b) Include a list of equipment you will provide to complete the work (owned or rented).
- c) Provide your expected project schedule including sequence of work items and approximate time to complete each item.
- d) Assume there will be water flowing in the stream crossing. Provide a brief explanation of your water diversion and erosion control practices associated with this work.

Appendix II

Attached Files

- Exhibit A: Site Location Map
Project Map
- Exhibit B: Horse Creek Culvert SIGNED BID SET
- Exhibit C: Horse Creek Legacy Site Project DM October262017