

REQUEST FOR SEALED BID

Culvert Material Purchase – Kruger Road MP 1.2 Culvert Replacement CMP 15-1904

1. SCOPE

The purpose of this request for sealed bid is to purchase a 21-ft wide by 11-ft high by 43-ft long precast reinforced concrete split-box culvert with headwalls and four wing walls as depicted and described in the attached “100% Submittal Construction Plans” dated June 2020. The box culvert structure shall support two-lane, two-way AASHTO HL-93 traffic loading aligned per Sheet C-201.

Two sets of plans for the culvert structure with wing walls shall be stamped and certified by a Civil Engineer licensed in the State of Washington. Stamped plans shall be provided to Lewis County within twenty-one (21) working days of contract award. Plans shall include connection details, lifting details, assembly, and installation details. The structure and all wingwall components shall be completed and ready for Lewis County inspection by July 31, 2023. Lewis County anticipates placing the structure during the third week of August 2023. If this project is postponed by Lewis County, the successful bidder shall provide storage of all bid items for a period of up to sixteen months (if needed) and delivery to the project site in the summer of 2024. Project postponement will be determined by June 30, 2023, when construction easements for the project are expected to be finalized. The manufacturer shall coordinate with Lewis County for delivery and material offload (by Lewis County’s Contractor) at the project site.

2. NOTES

- For engineering questions, please contact Rod Lakey via telephone (360-520-9729) or email (Rodney.Lakey@lewiscountywa.gov) or Geoff Soderquist via email (Geoff.Soderquist@lewiscountywa.gov).
- Lewis County (Agency) reserves the right to ask for descriptive literature and technical specifications at the bidders’ expense.
- The bid shall include cost of material as specified and **ALL** shipping to the project site (Kruger Road MP 1.2, closest address 337 Kruger Rd, Onalaska, WA 98570), see the Vicinity Map in the attached “100% Submittal Construction Plans” dated June 2020.
- No fuel surcharges shall be added.
- Federal Tax Identification Number from IRS form W-9 is required on all invoices.
- Bidders are to submit a copy of any and all warranties for the proposed product(s) with their response. A copy of the warranties shall also accompany products delivered.
- Manufacturer shall determine split-box culvert concrete wall/top/bottom thickness design to achieve the 21-ft Span by 11-ft High interior dimensions and wing wall dimensions as specified.
- The proposed concrete split-box culvert base units shall incorporate a minimum 7 -ft interior side height from flow line to allow for placement of streambed material (by others) prior to placing top units.

3. SPECIFICATIONS

This Contract shall be in accordance with the Washington State Department of Transportation 2023 Standard Specification for Road, Bridge, and Municipal Construction (2023 Standard Specifications). All supplied material, components and related Manufacturer supplied plans/shop drawings shall meet all requirements listed in the 2023 Standard Specifications **Section 6-20 Buried Structures** (including all applicable reference sections) or as supplemented below:

6-20 BURIED STRUCTURES

6-20.1 Description

Section 6-20.1 is replaced with the following:

This work consists of providing engineered plans and shop drawings to produce and deliver a precast reinforced concrete split box culvert units and wingwalls to the project site at MP 1.2 on Kruger Road in Lewis County, near Onalaska, WA. This water crossing structure shall be designed to support HL-93 vehicle loading and shall be constructed to the width, length and height as described within this Contract and the attached "100% Submittal Construction Plans" dated June 2020.

6-20.3 Construction Requirements

6-20.3(1) Design

Section 6-20.3(1) is supplemented with the following:

This structure shall be considered a Contractor Supplied Design.

6-20.3(1)D Geotechnical Considerations

Section 6-20.3(1)D is replaced with the following:

The Geotechnical Report for this project (PBS, dated 16-Dec-19) is available on Lewis County's website (<https://cfb.lewiscountywa.gov/projects/>), no additional geotechnical information will be required by the culvert manufacturer for this Contract.

6-20.3(1)E Hydraulic Considerations shall be deleted from this Contract.

6-20.3(1)G Traffic Barrier

Section 6-20.3(1)G is supplemented with the following:

Guardrail shall be attached to the supplied structure per WSDOT Standard Plan C-20.41 (by others after delivery). Connection to the structure shall require a minimum Test Level Three (TL-3) design for guardrail anchor points drilled and epoxied into the top of the culvert as depicted in the attached "100% Submittal Construction Plans" dated June 2020. Note, furnishing and installation of all guardrail and fencing shall be completed by others after delivery of culvert components to the project site.

6-20.3(1)H Concrete Structures paragraph 8 shall be replaced with the following:

A method of shear transfer shall be provided between the top slabs of adjacent precast units to equalize deflections by incorporating structural connection between adjacent precast units capable of transferring the imposed shear and equalizing deflections. The structural connection shall include cast-in-place reinforced concrete closures or grouted shear keys with steel weld ties at 5-ft on center. A similar connection shall be incorporated at the end culvert to wingwall connections and all wingwall to wingwall connections (for multi-section wingwalls).

6-20.3(2) Submittals

6-20.3(2)B Load Rating Report shall be deleted from this Contract.

6-20.3(2)D Dewatering System shall be deleted from this Contract.

6-20.3(5) Excavation shall be deleted from this Contract.

6-20.3(6) Bedding and Foundations shall be deleted from this Contract.

6-20.3(8) Placement and Assembly shall be deleted from this Contract.

6-20.3(9) Backfilling shall be deleted from this Contract.

6-20.5 Payment

Section 6-20.5 is supplemented with the following:

The Lump Sum Contract price for “Culvert Material Purchase—Kruger Rd MP 1.2” shall be full payment to perform the work as specified in this Contract including all costs for supplying all materials, manufacturing, and delivering a precast reinforced concrete split box culvert (21-ft Span by 11-ft High by 43-ft Long with four wing walls and two headwalls, as specified) to Kruger Rd. MP 1.2, in Lewis County, near Onalaska, WA.

4. PUBLIC OPENING OF PROPOSAL

Date and Time of Bid Opening

The Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 12:15 p.m. on **March 30, 2023**, at the Lewis County Courthouse, Chehalis, Washington, for the Culvert Material Purchase—Kruger Rd. MP 1.2 Culvert Project, CMP 15-1904.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE 12:15 P.M. on Thursday, March 30, 2023

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners. **Bids submitted after 12:15 PM will not be considered for this project.**)

Delivery and Marking of Sealed Bid Proposals

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **12:15 p.m.** on the date specified for opening, and in an envelope clearly marked: **“SEALED BID FOR CULVERT MATERIAL PURCHASE – KRUGER ROAD MP 1.2 CULVERT REPLACEMENT PROJECT, CMP 15-1904, TO BE OPENED ON OR AFTER 12:15 P.M. ON THURSDAY, MARCH 30, 2023.”**

All bid proposals shall be accompanied by a **bid proposal deposit** in cash, certified check, cashier's check or surety bond in an amount **equal to five percent (5%) of the amount of such bid proposal**. Should the successful bidder fail to enter into such contract within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

5. BID SUBMITTALS (Entries shall be typed or entered using an ink pen)

PRICE SHEET

Bid Item	Description	Quantity	Unit	Unit Price	Total Price
1	Culvert Material Purchase—Kruger Rd MP 1.2 21-ft Span by 11-ft High by 43-ft Long Precast Rieforced Concrete Split Box Culvert (with Four Wingwalls and Two Headwalls) Material and Delivery to Kruger Rd. MP 1.2 Near Onalaka, WA (Lewis County, WA).	1	Lump Sum	_____	_____
				SUBTOTAL	_____
				Washington State Sales Tax 7.8%	_____
				TOTAL	_____

6. CONDITIONS

By signature below, the Authorized Official(s) of the company submitting this Proposal do hereby acknowledge that in the event this Proposal is deemed to be the lowest responsive bid, this document shall be construed to be the legal contract for the purchase of the materials specified herein. The successful bidder shall be liable, and hereby agrees to reimburse Lewis County, for any and all costs incurred by Lewis County due to delays in the delivery of any materials specified herein beyond the agreed delivery date as identified in Part 1. The liability for costs due to material delivery delays shall be limited to the total cost of the bid for the materials as contained in this Proposal. Please be apprised that a bid bond shall accompany this proposal in order for this proposal to be valid as per the Call for Bid.

*Receipt is hereby acknowledged of addendum(s) Number(s) 1 ____, 2 ____, 3 ____.

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed

X _____

Company Name _____

Address _____

Unified Business Identifier (U.B.I.) No. _____

Telephone # _____

Federal ID No. _____

Attachment: Kruger Rd MP 1.2 Culvert Replacement, CMP 15-1904 (MF Newaukum Tributary)
"100% Submittal Construction Plans" dated June 2020.

FOR LEWIS COUNTY USE ONLY

AWARD RESOLUTION NO. _____

APPROVED: _____

County Engineer

Date
