Munuscong River Watershed Conserving Our Waters Partnership Project #2

CLMCD invites qualified contractors to provide bids for Project #2 for late Summer to early Fall 2023 installation.

1. SUMMARY
Professional contractors with experience and expertise in either livestock fence, livestock pipeline, or rain gutter installation using standards from the Natural Resources Conservation Service (NRCS) are invited to submit a competitive bid for work associated with the Munuscong River Watershed Conserving Our Waters Partnership Project #2. The project site is located approximately 4 miles west of Pickford, Michigan on W. Townline Road. All contractors should have experience in the project components and will be expected to comply with standards provided by CLMCD using NRCS standards. Total fencing installed will approximately cover 3,200 feet, but exact length and supplies may need adjusted in the field. An underground pipeline measuring roughly 650 feet will also be installed connecting a livestock waterer to a water hydrant. 300 ft of rain gutters will be installed on barns to reroute stormwater. Installers will need to have a high degree of flexibility and communication. Installers will need to have the ability to meet with CLMCD to complete the project and be able to provide itemized invoices.

The Request for Bids does not constitute a contract for services performed or to be performed. Following the selection of the successful contractor, CLMCD and the contractor will negotiate a contract including a full scope of services. If there are any questions, contact Mr. Michael McCarthy, CLMCD Executive Director at 906-635-1278 or clmcd@macd.org.

The contractors’ services will consist of providing all necessary labor, equipment and materials for the completion of this project in accordance with the anticipated scope of service specifications in Section 2.

- **Qualified contractors are invited to bid on all three (3) project components, but are also invited to bid on specific project components if their expertise doesn’t apply to others.**

2. ANTICIPATED SCOPE
A. **Fence:** This project will consist of implementing Interior High Tensile Smooth Wire Electric Fence and removing preexisting fence. All fence will be required to be installed using NRCS fence standards provided by CLMCD.
High Tensile Wire: Roughly 3,200 feet of Interior High Tensile (12.5 gauge) Smooth Wire Electric Fence. The fence will follow the dimensions of a tributary of the Munuscong River for the purpose to exclude livestock access and create a wintering area. A variety of corners will be needed to accommodate the shape of the stream. Some portions of the fence will connect to some already established exterior fencing. The fence builder will work with CLMCD and the landowner to determine exact fencing locations. Several gates will also be installed to accommodate landowner access. Changes in quantities are expected to happen in the field.

Fence Removal: Some older posts may need to be removed. The fence no longer has any wire attached. It will be the contractor’s responsibility to discard the old fence and posts.

Wind Break: A wooden windbreak will be constructed along 80 feet of fence to protect cattle during the winter months. Approximately 160 6”x8’ boards will be placed vertically to block wind. Horizontal boards will be needed to affix the vertical boards. The 2” spacing creates ideal porosity to dampen wind velocity. The exact configuration for the windbreak may change as the project progresses.

**Interior High Tensile Fence Specifications**

- Cedar Posts – Roughly 140 posts
  - Roughly 16 single “H” braces
    - Corner Posts 6” diameter, Inside Brace post 5” diameter, line posts 4” diameter, horizontal brace post 3.5” minimum
  - 50 ft. post spacing
- High Tensile Smooth Wire (12.5 gauge) 3 strands, 3 electric
- Needed line post insulators, wrap around insulators, brace pins, strainers, springs, stables, crimping sleeves, ground rods, and warning signs.
- *Infield changes and quantities are to be expected. Bid should account for this.*
B. Pipeline: Approximately 650 feet of underground, insulated 1.25” waterline will be run from a nearby barn to a frost-free watering facility. All work will be done to NRCS livestock pipeline standards. A LEVEL 4”x80”x70” concrete pad will need to be installed to ensure the waterer works properly, with a hole to allow waterline connections. The base for the concrete slab will need to be striped of its top soil and 12” of road grade gravel (23A) will need to be placed to insure proper drainage and a level surface. A water shutoff valve will need to be installed below the waterer for maintenance purposes. Concrete near the barn will have to be removed to access the water supply and replaced once complete. During instillation of the water a dual check valve will need to be installed downstream of the pressure thank and household connection and upstream of any livestock connection.

C. Rain Gutters: Rain gutters will be installed along multiple roof lines to carry runoff away from manure storage facilities. Around 300 feet of gutters will be needed along with accompanying splash pads. Gutters must be durable enough to handle snowmelt and ice from the winter months.

3. SCHEDULE FOR COMPLETION
CLMCD is expecting to have the project completed by October 2023.
- June/July 2023 – Solicit bids and select contractors, sign contract
- Starting July 2023 – Contractors should purchase materials and begin installation as soon as permitted. *If the contractor is not able to meet the timelines, the contractor bid should provide a timeline of their own to be considered.*
  - Pre-construction meeting is required with CLMCD and landowner.
- July-October 2023 – Contractor should complete the given project to NRCS standards provided by CLMCD. Finished project will be inspected for quality and quantity upon completion by CLMCD. Invoice should be submitted to CLMCD itemized by project within 30 days of completion.

Any bidder will be given the option to see the project area with CLMCD project staff before the bidding period ends. Bidders can request a to see the project area by contacting Jacob Hartman, Watersheds Technician at 906-748-0837 or by email at jacob.hartman@macd.org.
4. SUBMITTAL REQUIREMENTS

Please submit one electronic copy of your bid in .PDF format no later than 9:00 AM eastern daylight time on July 13, 2023 to: Mr. Mike McCarthy at clmcd@macd.org

In the interest of fairness to all bidders and to facilitate timely review, any bids received after the scheduled receipt time stated above will be rejected and not reviewed. All bids received on time become the property of the CLMCD and will not be returned.

In compliance with CLMCD policy, all bids will be opened on July 13, 2023 at 9:01 am. The bid will be opened by a CLMCD Staff member, analyzed and brought to the CLMCD Board for approval. All contractors may be present for the bid opening.

5. Submittal Outline

To facilitate review of the bids, the bidders are requested to organize the bid package as follows:

- 1-2 page 8.5” x 11” letter sized paper with company’s name, address, telephone number, and email.
- Brief paragraph providing experience for the type of project being bid on and using 3rd party standards, specifically NRCS standards.
- Bid price for the project they are interested in listed by item/unit price
- A timeline of when the project will be complete
- Date bid was submitted
- Signature of bidder.

Attached: Map of Project Area

*This request for bid does not commit CLMCD to enter into agreement, to pay any costs incurred in the preparation of a proposal in response to this request or in subsequent negotiations, or to procure a contract for the project. CLMCD will require the selected bidder, if any, to participate in negotiations and to absorb such cost, technical and/or other revisions to the proposals as may result from negotiations. CLMCD reserves the right to perform all or some of the scope items listed herein with its own work force.*
Fencing will be installed to exclude cattle from the stream. Gates will allow flash grazing to keep grass present. Wintering location will be moved to the west to reduce runoff into stream and avoid seasonal waterways. A winter water facility with underground pipe will be added on a concrete slab to facilitate the move. A constructed windbreak with high tensile electric fence will be added to allow the wintering location. Rain gutters will be installed to direct roof runoff away from manure storage facilities.