

Description of Work

LANDOWNER/JOB NAME: Linden Creek Dairy / Manure Storage Structure

CONSULTANT: R&R Engineering, LLC (Michael M. Rubano, P.E.)

PROJECT LOCATION: 538 Linden Creek Road, Canonsburg PA 15317 (Washington County)

SITE SHOWING AND PRE-BID MEETING: Friday, May 10, 2024 at 1 pm. This meeting will be held at the project location. Attending the site showing is mandatory to submit a bid.

DATE AND TIME FOR SUBMISSION OF BIDS: Friday, June 7, 2024 at 3 pm.

COORDINATING ENTITY: The Coordinating Entity is the sole point of contact for this bid. Please submit bids and refer all inquiries to:

Coordinating Entity: Washington County Conservation District (WCCD)

Address: 50 Old Hickory Ridge Road, Suite 1

Washington, PA 15301

Telephone: 724-705-7098

Fax: 724-249-2519

Contact: Tom Ulrich: tulrich@pawccd.org

PROJECT DESCRIPTION:

This project is divided into two contracts which are more fully described below and also in the enclosed drawings. Any contractor may bid on more than one contract. A **“Contractor’s Response Form”**, the **“Prevailing Wage Rate Compliance Form”** and the **“Itemized Bid Sheet”** must be submitted for each bid.

- Concrete Contract
- Excavation Contract

The successful contractors will be involved in the installation of a 10’ deep x 106’ diameter concrete manure storage tank and related Best Management Practices (BMPs). Other BMPs include but are not limited to: concrete heavy use areas, underground outlet pipes, access lanes and stream crossings. The proposed BMPs are to be constructed in the areas shown on the plans. The manure storage contractor may be asked to sign a statement certifying that the installed components meet or exceed the Natural Resource Conservation Service (NRCS) standards and specifications. The proposed facility is to be installed on property operated by Ed and Andrew Martin, in this document referred to as “The Landowner”. The intended purpose of the project is to provide sufficient manure storage capacity to allow The Landowner to spread manure during appropriate times of the year when weather is favorable, when field conditions are good, and when crops can best utilize the nutrients in the manure.

SUBMISSION OF BID:

- A. Bids are requested for the items described in the Description of Work, in accordance with the terms and conditions included in this bid. Contractors must complete the **“Contractors Response Form”**, the **“Prevailing Wage Rate Compliance Form”** and the **“Itemized Bid Sheet”** and submit with the bid. The Contractors Response Form must be signed by an authorized representative of the Contractor. Bids must be mailed or hand delivered to the address of the WCCD. **Envelope must be labeled with bid name and date and time of opening.**
- B. It is the responsibility of each Contractor to ensure that the bid is received prior to the Date and Time for Submission of Bids. No bid shall be considered if it was sent or received after the Date and Time for Submission of bids.
- C. Bids are due by Friday, June 7, 2024 by 3:00 PM.
- D. Bids must be firm. If a bid is submitted with conditions or exceptions or not in conformance with these terms and conditions, it shall be rejected. The bid shall also be rejected if the items offered by the contractor are not in conformance with the specifications as determined by the Landowner.
- E. **Pennsylvania State prevailing wage rates will apply to the entirety of this project.** This project is funded by a grant from the Pennsylvania State Conservation Commission is subject to prevailing wage regulations. The project is registered with the Department of Labor and Industry. The successful contractor of each bid will submit monthly wage reports that document the payment of prevailing wages to qualified project personnel.
- F. The Landowner reserves the right to reject any and all bids and to waive any technical defects, if it determines that it is in the best interest of the Landowner.
- G. Included with the bid package, the bidder will provide the Landowner with a bid bond in the amount of 10% of the total bid price.
- H. As a guarantee of faithful performance of this Contract, a Performance Bond in an amount equal to 110% of the total contract price shall be furnished by the winning contractors. A certified or cashier’s check may be accepted in lieu of a bond. The performance bond will be made payable to the Landowner and will be due 15 days after the contract award.
- I. The unsuccessful bidders will have their bid bond returned. The successful bidders will have their bonds (bid and performance) returned upon approval and certification of the project.

CERTIFICATES OF INSURANCE:

- A. The successful bidder shall also take out and maintain for the life of the contract any Public Liability and Property Damage Insurance as shall protect the owner, the contractor and any subcontractor performing the work covered by the contract from claims for damages for personal injuries, including wrongful death, as well as claims for property damages which may arise from operations under the contract, whether such operation be by himself or by any subcontractor or anyone directly or indirectly employed by either of them. Coverage limits minimum \$1,000,000.
- B. The form of the Insurance and the Surety thereon shall be satisfactory to the Landowner. The amount of the Insurance shall not be less than that specified in the contract documents.
- C. The winning bidders shall furnish a copy of the Certificate of Insurance to the Landowner prior to signing contracts.

BID AWARD:

Bids will be awarded to the lowest responsible bidder, as determined by the Landowner. The Landowner reserves the right to reject any or all bids, and/or cancel the bid for any reason. Quantities are estimated and may be increased or decreased to meet the requirements of the project. For variation in estimated quantities by more than 10%, cost increase/decrease will be handled with a Change Order Request.

PAYMENT TERMS:

Payment shall be made upon satisfactory completion of project for actual services performed, which includes meeting the Natural Resource Conservation Service (NRCS) standards and specifications.

This project has funding from the Pennsylvania State Conservation Commission and the Natural Resource Conservation Service (NRCS). The reimbursement process can take 8-10 weeks. The Contractor should consider this delay in invoice payment when developing their bid. **Thirty percent of the contract price will not be paid until final certification by the engineer of record.**

INVOICES:

All invoices for this contract must be submitted to the Landowner and to the Washington County Conservation District at the addresses listed.

PREVAILING WAGE SPECIFICATION

Requirements - The Contractor shall comply with the provisions of the Act of August 15, 1961 (P.L. 9 87), as amended, known as the "Pennsylvania Prevailing Wage Act" and the Regulations issued pursuant thereto by the Department of Labor and Industry. The Contractor shall include these requirements in all subcontracts for the project.

COMMUNICATION

Communication between the contractor, the Landowner, R&R Engineering and the WCCD is crucial to a successful project. Each contractor shall notify the Landowner, R&R Engineering and the WCCD 3 days prior to the beginning of construction. Each contractor shall notify the Landowner when they will be working onsite. This can be done with daily phone calls or emails.

CRITICAL TASKS

Supervision by R&R Engineering is required for “Critical Tasks”. The contractor must contact R&R Engineering at a minimum of three days before the start of work on that task. Weather will be taken into consideration. An inspection of this task will occur during or upon completion of the work. Below are the Critical Tasks.

1. Beginning excavation.
2. Because of the potential presence of bedrock underneath the manure tank floor, the engineer must inspect the manure tank subgrade prior to placing any #57 stone.
3. Pouring any concrete.
4. Backfilling poured concrete walls.
5. Placing compacted stone for ramp support.
6. Installation of the pump tank, pressure pipe and pump

ATTACHMENTS

- Plan Drawings
- Prevailing Wage Rates
- NRCS Specifications

DESCRIPTION OF CONTRACTS

This project is divided into two contracts which are more fully described below and also in the enclosed drawings. Any contractor may bid on more than one contract. A “**Contractor’s Response Form**””, the “**Prevailing Wage Rate Compliance Form**” and the “**Itemized Bid Sheet**” should be submitted for each bid.

Concrete Contract: to include, but not limited to, the labor and installation of the following items as shown in the attached design drawings titled, “Proposed Manure Storage Structure” sealed by Michael M. Rubano, P.E. on April 10, 2024, in this document referred to as “The Design”.

1. The Concrete Contractor is responsible for placing all concrete and reinforcement shown in The Design, including slabs, formed walls, agitation pad etc.
2. The Concrete Contractor must check stone grades prior to pouring and adjust as-needed.
3. Supply and install galvanized safety fence and signs around the manure tank and ramp.
4. Concrete testing as indicated.
5. All contractors are responsible to protect work from environmental conditions such as temperature extremes, weather events, wind, surface water and ground water.
6. All concrete must be placed to the Pennsylvania Technical Guide Standards and Specifications.
7. All winning contractors are required to attend a Preconstruction Meeting.

Excavation Contract: to include, but not limited to, the labor and installation of the following items as shown in the attached design drawings titled, “Proposed Manure Storage Structure” sealed by Michael M. Rubano, P.E. on April 10, 2024, in this document referred to as “The Design”.

1. Excavation and backfill for the proposed manure tank. Any use of a rock hammer is not included in this bid and will be handled with a change order request.
2. Supply and install #57 stone for tank pad and other concrete pads in The Design.
3. Stone grade for the concrete pads should be +/- 1/2” of planned grade. The excavator is to have a stockpile of #57 stone onsite for use by the concrete contractor for touching-up grade.
4. Excavation contractor must be available and **on-site** the day the concrete contractor moves on site for any necessary grade adjustments.
5. Supply and installation all underground pipes and concrete thrust blocks where shown.
6. Supply and install compacted 2A stone for ramp support.
7. Supply and install materials for the stream crossings and access lanes.
8. Supply and install 1000 gallon septic tank and 4” Sch.40 pressure pipe.
9. Supply, install and maintain erosion control measures as needed.
10. Final grading, seeding and mulching of all earth disturbed during construction. Areas to be seeded might be grazed by cattle or cropped. The seed mix must be approved by the Landowner prior to use on site.
11. All winning contractors are required to attend a Preconstruction Meeting.
12. All contractors are responsible to protect work from environmental conditions such as temperature extremes, weather events, wind, surface water and ground water.

Landowner’s Responsibilities

1. Wiring for the proposed pump.
2. High tensile fencing and gates outside the building. Landowner to find local contractor.
3. Choose the pump supplier/dealer. The pump dealer will supply and install the proposed pump.

CONTRACTOR SELECTION CRITERIA

The winning Excavation Contractor will be selected based on the following criteria:

1. Able to begin construction within 30 days of contract being awarded.
2. Bid Price.
3. Demonstrate experience by providing examples of at least three (3) similar projects in Pennsylvania. More than 3 examples of similar projects are allowed. This information shall be submitted with the bid.
4. Able to complete work before September 30, 2024.
5. **Contractor must complete and return the “Contractor’s Response Form”, “Prevailing Wage Rate Compliance Form” and the “Itemized Bid Sheet” with the bid.**

The winning Concrete Contractor will be selected based on the following criteria:

1. Demonstrate experience by providing examples of at least three (3) similar projects in Pennsylvania. The name of the project must be identified and a brief description provided. More than 3 examples of similar projects are allowed. This information shall be submitted with the bid.
2. Bid Price.
3. Able to complete work before September 30, 2024.
4. **Contractor must complete and return the “Contractor’s Response Form”, “Prevailing Wage Rate Compliance Form” and the “Itemized Bid Sheet” with the bid.**

ITEMIZED BID SHEET: Prepared 4/11/2024				
Contractor Responsible for Verifying Quantities				
CODE	ITEM	UNIT	QUANTITY	UNIT COST (\$)
EXCAVATOR'S BID				
313	MANURE STORAGE 10' x 106'			XX
	#57 Stone / Drainfill Under Round Tank Floor	tons	228.0	
	Excavation, Common. <u>Does not include rock hammering</u>	cu.yds	2,900	
	6" Perimeter Drain Pipes + #57 Stone Drainfill	ft	350	
	2a Stone, compacted underneath ramp	tons	174.0	
	#57 Stone / Drainfill Under Ramp Floor	tons	24.0	
	#57 Stone / Drainfill Under Agitation Pad	tons	6.0	
560	ACCESS LANE - 14' x 870'	sq.ft	12,180	XX
	Stone Base (#4s)	tons	406	
	Stone Topper (2A)	tons	253	
	Geotextile - Nonwoven, 8 oz/sq.yd	sq.yd	1,421	
575	STREAM CROSSING/ANIMALTRAILS	sq.ft	3,000	XX
	Stone Base (#4s)	tons	112	
	Stone Topper (2A)	tons	62	
	Geotextile - Nonwoven, 8 oz/sq.yd	sq.yd	350	
	R-4 Rip-Rap Frame: 40' Long total (both crossings)	tons	6	
620	UNDERGROUND OUTLET PIPES			XX
	6" SDR 35 PVC Pipe	ft	330	
634	WASTE TRANSFER			XX
	Septic Tank (1000 gallon)	each	1	
	4" PVC SCH.40 + #57 Stone Bedding	ft	140	
	18" Silt-Sock	ft	120	
	Final Grading, Seeding and Mulching	each	1	
EXCAVATOR TOTAL				

ITEMIZED BID SHEET: Prepared 4/11/2024				
CONCRETE BID				
313	ROUND TANK (10'x106')			XX
	Concrete - Flat with monolithic footer	sq.ft	9,161	
	10' High Formed Walls	cu.yds	105.0	
	Concrete Ramp and sidewalls	each	1.0	
382	Chain Link Fence and Signage	ft	436	
561	(1) Agitation Pad - 15' x 20' each	sq.ft	300	
	CONCRETE TESTING EVENTS	each	4	
CONCRETE TOTAL				

Contractor Response Form for Concrete Contract

LANDOWNER/JOB NAME: Linden Creek Dairy/Manure Storage Structure

CONSULTANT: R&R Engineering, LLC (Michael M. Rubano, P.E.)

PROJECT LOCATION: 538 Linden Creek Road, Canonsburg PA 15317

The following bid is submitted in response to the invitation for bids on the project identified above. The price is based on my knowledge of the plans and specifications provided by R&R Engineering, LLC. This bid will remain valid for 90 days after the bid opening.

1. Total price to supply materials, labor, and equipment for performing the work included in the **Concrete Contract** and as described in the Description of Work is

\$_____.

2. We plan to use the following other subcontractors in order to perform parts of this project:

3. The following three references are provided with telephone numbers of projects completed of similar scope and size:

_____ Telephone: _____

_____ Telephone: _____

_____ Telephone: _____

4. Date on which construction can be started: _____

Company Name/Address: _____

Signature: _____ Title: _____ Date: _____

Phone/Fax/Email: _____

Company EIN #: _____

Contractor Response Form for Excavation Contract

LANDOWNER/JOB NAME: Linden Creek Dairy/Manure Storage Structure

CONSULTANT: R&R Engineering, LLC (Michael M. Rubano, P.E.)

PROJECT LOCATION: 538 Linden Creek Road, Canonsburg PA 15317

The following bid is submitted in response to the invitation for bids on the project identified above. The price is based on my knowledge of the plans and specifications provided by R&R Engineering, LLC. This bid will remain valid for 90 days after the bid opening.

1. Total price to supply materials, labor, and equipment for performing the work included in the **Excavation Contract** and as described in the Description of Work is

\$_____.

2. If a rock hammer is needed, provide the total hourly rate the project will be billed (man and machine).

\$_____.

3. We plan to use the following subcontractors in order to perform parts of this project:

4. The following three references are provided with telephone numbers of projects completed of similar scope and size:

_____ Telephone: _____

_____ Telephone: _____

_____ Telephone: _____

5. Date on which construction can be started: _____

Company Name/Address: _____

Signature: _____ Title: _____ Date: _____

Phone/Fax/Email: _____

Company EIN #: _____

EXAMPLE

PREVAILING WAGE RATE COMPLIANCE FORM

Recipient Name: (Name of Contracting Company)	Project: (Farm Name)
Address: (Address of Contractor)	Bid Must be Submitted by:
Contact Person Name: (Lead Contact)	
Telephone: (Phone of Contractor)	Email: (Contractors email)

EXAMPLE

CRAFT	TOTAL PREVAILING WAGE RATE (Hourly Rate+ Fringe Benefits)	DETERMINATION DATE
Operator-Class 1	\$34.79 + \$23.33 = \$58.12	7/7/2022
Laborers-Class 2	\$26.16 + \$24.10 = \$50.26	7/7/2022
Truck Driver - Class 2	\$31.89 + \$22.02 = \$53.91	7/7/2022

Obtain the craft & wage rates from the Bureau of Labor Law Compliance Prevailing Wages Project Rates located in your bid packages or Request for Quote.

