

# REQUEST FOR QUOTATIONS FOR PROFESSIONAL ENGINEERING SERVICES

**McAlisterville  
Water Storage Tank and Well Development Phase 2  
Dunn Valley Road  
JUNIATA COUNTY, PENNSYLVANIA**



Quotations Solicited by:  
SEDA-COG on behalf of  
McAlisterville Area Joint Authority  
P.O. Box 61  
McAlisterville, PA 17049

Contact: Amber Martin

### **REQUEST FOR QUOTATIONS**

The McAlisterville Area Joint Authority (MAJA) is requesting quotations for the purchase of professional Engineering services. These services include all necessary design and specifications for the bidding of and contracting for the Water Storage Tank and Well Development Phase 2 project entailing the completion of pilot well (previously drilled and tested in Phase 1 portion) into the final production well requiring a chlorination solution tank, and well building, onsite, containing SCADA control unit. Complete quotation details, including the required quotation format, may be obtained by contacting:

Amber Martin, Project Coordinator  
SEDA-COG  
201 Furnace Road  
Lewisburg, PA 17837

Quotations will be accepted until 11:00AM, prevailing time October 11, 2024, at which time they will be publicly opened at the SEDA-COG Office, 201 Furnace Road, Lewisburg, PA 17837. Quotations shall be on the forms required, sealed and clearly marked on the outside, "MAJA Engineering Services Quotation," and submitted to:

Amber Martin, Project Coordinator  
SEDA-COG  
201 Furnace Road  
Lewisburg, PA 17837

**Quotations that are faxed or e-mailed to SEDA-COG cannot be accepted.**

## REQUEST FOR QUOTATIONS

The McAlisterville Area Joint Authority (MAJA), proposes to use an approved Community Development Block Grant Entitlement and Competitive allocation to complete development of a new source of water (well), storage tank, pump control building, stormwater management, and sanitary sewer line on Dunn Valley Road. The following narrative outlines the major responsibilities of the proposers. These responsibilities include the entire project from design to final inspection. It should be recognized by all proposers that the Scope of Services included herewith might exclude some minor, incidental Engineering responsibilities not currently identifiable.

Quotations shall include the attached "Standard Engineering Estimate" and be submitted to:

Amber Martin, Project Coordinator  
SEDA-COG  
201 Furnace Road  
Lewisburg, PA 17837

All quotations shall be sealed and clearly marked on the outside, "Engineering Services Quotation, Water Storage Tank and Well Development, Phase 2" and must be received by 11:00AM, prevailing time, October 11, 2024, at which time they will be publicly opened at the SEDA-COG Office.

Questions regarding this quotation should be directed to:

Amber Martin, Project Coordinator  
SEDA-COG  
201 Furnace Road  
Lewisburg, PA 17837  
570-524-4491  
amartin@seda-cog.org

## PROJECT DESCRIPTION

*The McAlisterville Area Joint Authority (MAJA) is seeking to design and construct a public water clear well/water storage tank on Dunn Valley Road, McAlisterville, PA 17049. In addition to the storage tank, the MAJA is also planning the development of a new well water source on the same site as the new storage facility. The project is split into two phases with Phase 1 engineering already underway. The Phase 1 engineering firm, Peters Consultants, Inc. (PCI), has the pilot test well drilling work anticipated construction time to be completed by December 2024. Phase 1 work also includes design of a 150,000 gallon “above-grade” finished water storage tank with an estimated construction time beginning in Spring 2025. A hydrogeological study has already been conducted to delineate the proposed Well No. 4 site. The associated interconnection with the existing public water system on Dunn Valley Road is also part of Phase 1 and the Spring 2025 anticipated construction start time, and includes all piping, fittings, shut-off valves, backflow and pressure regulating valves as well as highway occupancy permits for the construction of the interconnection. Additionally, electrical installation with PP&L is required for the finished production well pump operation (the pilot test well will utilize a generator), and sanitary sewer line work is required for the pilot test well wastewater.*

*The Phase 2 portion of this project will require coordination with Peters Consultants, Inc. and the MAJA’s retained engineer Brian Book, of CB3 Solutions, LLC, as well as numerous construction contractors for work being completed in Phase 1.*

*The Phase 2 portion of this project involves the following:*

*Site Civil Engineering:* *Design, development, and construction of the pilot test well and associated pitless adapter into a permitted and final production well, and conditional NPDES permitting for construction of stormwater management required for chlorination contact pipe. Design, development, and construction of the chlorine feed system that ensures adequate contact time and mixing along with a building required for housing the pump controls, disinfectant online analyzer, production metering and flow control via a SCADA communications unit for the source.*

*Environmental Engineering:* *WQM Permitting of the chlorination contact tank, Chlorine Residual (and associated mixing/contacting time).*

*Instrumentation and Control Engineering:* *Integration of a SCADA system control unit for the new source into the existing water supply and filtration plant.*

**Total project budget:**

**Phase 1- \$996,001.15 (CDBG)**

**Additional funds available- \$185,185 (LSA Grant)**

**Phase 2- \$181,368 (CDBG)**

## PROJECT DESIGN

The Engineer shall prepare all necessary design plans, drawings and specifications to be used for the construction of the improvements and should therefore be complete in detail and contain all necessary information. Drawings shall conform with standard professional practice and consist of all architectural and engineering drawings, including profiles and sections, plot and site plans, and all else necessary to illustrate the interest and scope of the work. Working drawings shall be prepared for structural, hydraulic, mechanical, electrical, and all other branches of the construction work.

The Engineer shall investigate any existing systems affected by the proposed project, identifying options, and advising the MAJA in the most appropriate method of modifying the systems as part of the design of

this project. Plans and specifications shall be developed in such a manner to delete and add segments should the project costs be over or under budget.

1. All permits, plans, or surveys which may be necessary to define the scope of the work or for the performance of the project shall be the responsibility of the Engineer. The quotation shall include a list of those permits currently anticipated as necessary, identifying actual permit fees which shall be paid by the Engineer as a component of their project quotation. Survey work required for easements/rights-of-way is not a part of this quotation. Federal Environmental Reviews, State Historic Preservation Office Review, and Archaeological Reviews are not a part of this quotation.

Assistance from the Engineer is necessary for SEDA-COG and the MAJA to fully understand the project, and therefore, meeting attendance is of high importance. Accordingly, this quotation shall include four (4) design phase meetings, as well as four (4) preconstruction meetings (as noted below), at which the Engineer is expected to be in attendance. These meetings shall be conducted during the design and construction specifications phase at the convenience of MAJA, and shall include the following:

- Design phase meetings(2)
  - A kick-off meeting
  - Two (2) development meetings
  - A meeting to present the final design and receive approval to advertise
  - Preconstruction meeting(s) – (Engineer will coordinate and prepare meeting agenda w/ minutes.)
  - Pre-bid meeting (optional)
  - Bid Opening (Engineer will prepare bid tabulation form)
  - Award – (Engineer will make formal recommendation to award)
  - Project Development Meeting/Job Conference
  - Bi-weekly construction job conferences until project completion
2. The MAJA may request, and the Engineer may suggest, additional meetings. Accordingly proposers should indicate their intention to do so in the narrative of their quotation. Any cost associated with additional meetings shall be included on the standard Engineers Estimate form.
  3. A project design schedule must be included as part of this quotation indicating key milestones and dates of completion. All final plans and specifications must be submitted for approval by January 31, 2024. In addition, the Engineer must provide a list of sub consultants, if applicable, for approval by MAJA. It is the intention of MAJA to be under construction for Phase 2 in Spring 2025. It is understood that changes in the project scope or nature may affect this schedule.
  4. Upon completion of the preliminary design, and again when requesting approval of the final design, the Engineer shall prepare and provide to the MAJA an opinion of probable construction costs, either as a lump sum or utilizing the itemized bid schedule if a line item construction bid is proposed.

## **PREPARATION OF DOCUMENTS AND COORDINATION OF BIDDING**

The Engineer shall prepare all construction contract documents, including but not limited to, bid schedule, bond forms (bid, performance, payment), construction specifications and agreements, compliance forms, etc. The Engineer shall be responsible for coordinating the bidding process, including printing and distributing up to ten (10) sets of bid documents, publishing the required advertisements, fulfilling all requirements outlined in the Engineer's Memo, which will be provided prior to bidding, and management of any required deposits or payments. Costs for this portion of the work shall be borne by the Engineer except that the actual costs for legal advertisements will be reimbursed by MAJA. Insofar as federal CDBG monies are being used in the project, forms and procedures meeting the requirements of the PA Department of Community and Economic Development shall be used in the contracting documents. SEDACOG shall facilitate this process by providing model bidding documents for use by the Engineer.

In addition, the Engineer will assist the solicitor throughout the project including, but not limited to, the preparation of documents involving engineering matters and preparation of contract documents for the solicitor's opinion, a review of the bid documents, conformity with the specifications, and requirements, as well as a formal recommendation of bid award. The Engineer is also responsible to manage the construction contract award process, including issuance of the Notice of Intent to Award, execution of the agreements, Award, Notice of Start of Construction, Substantial Completion, Final Inspection, and Completion.

**Stormwater design work provided by the Phase 2 engineer will be completed by the general contractor performing the water connection, sanitary sewer line work, and stormwater management swale construction. This bidding and construction supervision of this general contractor will be managed by the Phase 1 engineer (PCI).**

## **CONSTRUCTION SUPERVISION**

The Engineer is expected to furnish customary engineering advice and assistance necessary to enable the MAJA to readily understand the project. The Engineer shall visit the construction site to observe progress and quality of work, to determine if work is proceeding in accordance with contract documents, to keep the MAJA informed of progress, to guard against defects and deficiencies, and to disapprove work not in conformance with contract documents. The Engineer shall serve as the MAJA's representative at the project site, issuing all instructions to the contractors and preparing any change orders.

The Engineer will check and approve samples, schedules, shop drawings, catalogue data, laboratory, shop and mill tests of materials and equipment, and other data which contractors are required to submit to ensure conformity with project design, concept, and requirements. The Engineer, in accordance with accepted professional standards and practice, shall review contractors' payment requests and approve, in writing, payment to the contractors in such amounts. The Engineer will also conduct, in the company of the owner and the contractor, a final inspection of the project for conformity with design, concept, and contract documents. When the project is complete, the Engineer will correct all drawings to show construction and installation as actually accomplished and will furnish one set of full size "As Built" prints and one electronic copy to the MAJA.

These services, to be provided by the Engineer, do not infer resident inspection services. The Engineer is expected to visit the project site during construction, not less than weekly and conduct a final inspection at project completion. Comprehensive design, inspection of work and compliance with specifications is of

utmost importance to a successful and timely project completion. Accordingly, the Engineer shall indicate with what frequency field visits will be provided. As a part of this quotation, it is the Engineer's responsibility to estimate the project duration in order to calculate the number of construction supervision site visits. Should the project take less or more time than anticipated, no adjustment to the costs for project supervision will be considered.

**Stormwater design work provided by the Phase 2 engineer will be completed by the general contractor performing the water connection, sanitary sewer line work, and stormwater management swale construction work. This bidding and construction supervision of this general contractor will be managed by the Phase 1 engineer (PCI).**

### **ADDITIONAL SERVICES OF ENGINEER**

Where participating state and/or federal agencies require reports relating to construction, the Engineer shall prepare and submit such reports and shall assist in any negotiations with these or other agencies as is necessary for final approval.

### **TERMS OF PAYMENT**

The Engineer will be required to enter into a written Professional Services Agreement with the MAJA, which will incorporate the information contained in this Request for Quotations. The Engineer will agree to a lump sum fee, which shall include all costs associated with the services outlined herein. Costs sometimes separately billed as reimbursable costs shall be declared and included in the lump sum amount of this quotation. Payment shall be made to the Engineer on a monthly basis.

Invoices shall be provided setting forth the percentage of work completed to date, establishing the amount due based on the percentage completed, less any previous amounts. Payment shall be expressly contingent upon receipt of funds from the Department of Community and Economic Development.

### **MBE/WBE GOALS**

It is the public policy of MAJA, to promote the opportunity for full participation by Minority and Women's Business Enterprises ("MBE's" and "WBE's") business concerns in all projects receiving federal funds from the United States Department of Housing and Urban Development which are administered by the Pennsylvania Department of Community and Economic Development.

Juniata County has established a Minimum Participation Level (MPL) of five percent (5%) for Minority Business Enterprises and three percent (3%) for Women Business Enterprises participation on projects with CDBG, ESG, and/or HOME funding.

### **SECTION 3 GOALS**

Section 3 24 CFR Part 135 has been updated to the New Rule, 24 CFR Part 75. The New Rule for Section 3, 24 CFR Part 75, is applicable for projects for which the total amount of federal assistance is greater than \$200,000. Section 3 does not apply to professional services; however, you are still encouraged to follow GRANTEE's Section 3 Action Plan for Section 3 and Targeted Section 3 Labor Hours. The new 24 CFR Part 75 rule does apply to construction contracts and the professional service provider is expected to assist with facilitation of these efforts for compliance. Professional Service firms who hire Section 3 or Targeted

Section 3 workers can count those labor hours as Section 3, or Targeted Section 3, but should be excluded from the total number of labor hours. Benchmarks are only qualified as being met if Section 3 Laborer Hours = 25%, *and* Targeted Section 3 Labor Hours = 5% of the total number of labor hours.

### **QUOTATION SUBMISSION AND EVALUATION**

Three (3) copies of the quotation must be submitted to:

Amber Martin, Project Coordinator  
SEDA-COG  
201 Furnace Road  
Lewisburg, PA 17837

Quotations must be received no later than 11:00 AM, October 11, 2024. **Quotations that are faxed or e-mailed to SEDA-COG cannot be accepted.**

Quotations will be reviewed and evaluated by the MAJA. The evaluation will include the following areas in order of relative importance:

- Adequacy of quotation in the terms of addressing the needs that are set forth in the Request for Quotations.
- Relevant experience and past performance.
- Quality of previous work.
- Adequacy of resources/record of completing projects on time.
- Cost.
- Proposer's commitment to the obligations of Juniata County Minority Owned Business Enterprises and Women Owned Business Enterprises Action Plan.

**Note:** Cost is only one of several criteria to be considered in evaluating quotations. Accordingly, SEDA-COG will not publish quotation cost summaries. Proposers are, however, invited to attend the opening.

### **REQUIRED INFORMATION**

Each proposer shall provide all information herein requested. Further, no quotation will be considered unless the attached Standard Form is completed in its entirety.

Each proposer shall provide a minimum of two references where similar engineering services have been performed during the past three years. These projects should be similar in design and scope. If the proposer is an MBE/WBE business concern, a certification form shall be submitted with the bid attesting to the firms' status as such. Firms may be requested to sit for interviews and/or negotiation of contract terms and fees prior to contract award.

If any part of the project is subcontracted, requires purchases for services, or requires hiring of additional employees, the proposers must submit documentary evidence of MBE/WBE business concerns who have been contacted and/or to whom commitments have been made. If no solicitation was made to MBE/WBE's business concerns or residents, please indicate the reason(s). If there is no need for additional employees or trainees, or no need to contract for work, then the MBE/WBE requirements are not triggered.



The MAJA reserves the right to accept or reject any and all quotations or to waive any irregularities.

Professional Liability Insurance is required for this project. Please indicate the level of coverage provided and include proof of insurance.

**STANDARD ENGINEERING ESTIMATE**

FIRM NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

REPRESENTATIVE E-MAIL: \_\_\_\_\_

I. Project design, specification, required meeting attendance, bidding, and other engineering services \_\_\_\_\_

II. Project construction supervision  
Indicate project duration and frequency of visits below. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOTAL LUMP SUM: \$ \_\_\_\_\_

**Additional Meetings:**

Lump sum cost for additional meetings if requested by \_\_\_\_\_ \$ \_\_\_\_\_

I, \_\_\_\_\_, a licensed professional Engineer in the Commonwealth of Pennsylvania and an authorized representative of the above-indicated firm, have reviewed and understand the \_\_\_\_\_ Request for Quotations, and I/we am/are prepared to provide the required services for the above costs.

(SEAL) \_\_\_\_\_

ATTACH A MINIMUM OF TWO (2) PROJECT REFERENCES, SIMILAR IN DESIGN AND SCOPE.  
ATTACH LIMITS OF COVERAGE FOR PROFESSIONAL LIABILITY INSURANCE.

**MBE/WBE CONTRACT SOLICITATION AND COMMITMENT STATEMENT  
TO BE SUBMITTED WITH THE BID**

Goals of **5%** for minority business enterprise and **3%** for women business enterprise participation have been established.

Name of Bidder:	Project Name:
Address:	Bid Opening Date:
Email Address:	
Telephone Number:	Contact Person:

List those minority/women owned businesses from which you solicited quotes and/or received quotes in regard to this invitation for bid.

<b>Company Name &amp; Telephone Number</b>	<b>MBE*</b> (enter code from below)	<b>WBE</b> (X)	<b>Type of Construction, Equipment, Services, and/or Supplies to be provided to the Project</b>	<b>Total Dollar Amount of Quote Received</b>  (Please mark NR if no response was received)	<b>Total Dollar Amount Awarded</b>  (If not awarded indicate reason)
Prepared By:			Title:		

\*Ethnic Code: A- Asian-Pacific Americans; B-African Americans; H-Hispanic Americans; N- Native Americans

**MINORITY AND WOMEN BUSINESS ENTERPRISE BIDDER CERTIFICATION**

The submittals of each bidder are subject to review to determine whether the bidder has discriminated in the selection of manufacturers, subcontractors and suppliers. If a bidder has met the goals for MBE/WBE participation, the bidder will be presumed not to have discriminated in their selections.

*Where the goals are not met*, the below statements, if accurate, shall be certified by the bidder:

1. The limited number or no commitment to MBEs/WBEs was not motivated by consideration of race or gender.
2. MBEs/WBEs were not treated less favorably than other businesses in the contract solicitation and commitment process.
3. Solicitation and commitment decisions were not based upon policies which disparately affect MBEs/WBEs.

By signing below, I certify that the above statements are true and accurate.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# ATTACHMENT A

## NONDISCRIMINATION/SEXUAL HARASSMENT CLAUSE [Deposit of Commonwealth Funds]

### The Engineering firm agrees:

1. In the hiring of any employee(s) for the performance of work, or any other activity required under the contract or any subcontract, the Engineering firm, subcontractor, or any person acting on behalf of the Engineering firm or subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the *Pennsylvania Human Relations Act* (PHRA) and applicable federal laws, against any citizen of this commonwealth who is qualified and available to perform the work to which the employment relates.
2. Neither the Engineering firm nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against or intimidate any employee involved in the performance of work, or any other activity required under the contract.
3. Neither the Engineering firm nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, in the provision of services under the contract.
4. Neither the Engineering firm nor any subcontractor nor any person on their behalf shall in any manner discriminate against employees by reason of participation in or decision to refrain from participating in labor activities protected under the *Public Employee Relations Act*, *Pennsylvania Labor Relations Act* or *National Labor Relations Act*, as applicable and to the extent determined by entities charged with such Acts' enforcement, and shall comply with any provision of law establishing organizations as employees' exclusive representatives.
5. The Engineering firm and each subcontractor shall establish and maintain a written nondiscrimination and sexual harassment policy and shall inform their employees in writing of the policy. The policy must contain a provision that sexual harassment will not be tolerated and employees who practice it will be disciplined. Posting this Nondiscrimination/Sexual Harassment Clause conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the contracted services are performed shall satisfy this requirement for employees with an established work site.
6. The Engineering firm and each subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against any subcontractor or supplier who is qualified to perform the work to which the contract relates.
7. The Engineering firm and each subcontractor represents that it is presently in compliance with and will maintain compliance with all applicable federal, state, and local laws and regulations relating to nondiscrimination and sexual harassment. The Engineering firm and each subcontractor further represents that it has filed a Standard Form 100 Employer Information Report ("EEO-1") with the U.S. Equal Employment Opportunity Commission ("EEOC") and shall file an annual EEO-1 report with the EEOC as required for employers' subject to *Title VII of the Civil Rights Act of 1964*, as amended, that have 100 or more employees and employers that have federal government contracts or first-tier subcontracts and have 50 or more employees. The

Engineering firm and each subcontractor shall, upon request and within the time periods requested by the commonwealth, furnish all necessary employment documents and records, including EEO-1 reports, and permit access to their books, records, and accounts by the contracting agency and the Bureau of Diversity, Inclusion and Small Business Opportunities for the purpose of ascertaining compliance with the provisions of this Nondiscrimination/Sexual Harassment Clause.

- 8.** The Engineering firm shall include the provisions of this Nondiscrimination/Sexual Harassment Clause in every subcontract so that those provisions applicable to subcontractors will be binding upon each subcontractor.
- 9.** The Engineering firm's and each subcontractor's obligations pursuant to these provisions are ongoing from and after the effective date of the contract through the termination date thereof. Accordingly, the Engineering firm and each subcontractor shall have an obligation to inform the commonwealth if, at any time during the term of the contract, it becomes aware of any actions or occurrences that would result in violation of these provisions.
- 10.** The Commonwealth may cancel or terminate the contract and all money due or to become due under the contract, if forfeited for a violation of the terms and conditions of this Nondiscrimination/Sexual Harassment Clause. In addition, the agency may proceed with debarment or suspension and may place the Engineering firm in the Contractor Responsibility File.