

Resolution 16-082

**RESOLUTION OF THE ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY AUTHORIZING EXECUTION OF A PROFESSIONAL ENGINEERING SERVICE CONTRACT TO PROVIDE ENGINEERING SUPPORT SERVICES RELEVANT TO EMERGENCY REPAIR OF 54-INCH GRAVITY SEWER MAIN IN BOONTON**

**WHEREAS**, a need exists for the procurement of professional engineering services in order to provide engineering support services relevant to the emergency repair of RVRSA's 54-inch gravity sewer main located off West Main Street in the Town of Boonton; and

**WHEREAS**, a proposal dated July 29, 2016, for professional engineering services from Timothy D. Bradley, P.E., Kleinfelder LLC, having an office at 321 Wall Street, Princeton, New Jersey ("Kleinfelder"), which is marked "Schedule A" and attached hereto and made a part hereof, for the performance of engineering support services, in the amount of \$48,190.00; and

**WHEREAS**, the RVRSA desires to authorize Kleinfelder, Inc. to undertake such services as set forth in the attached proposal for the same dated July 29, 2016, in an amount not to exceed \$48,190.00 without prior authorization, and calculated on a time charged plus expense basis; and

**WHEREAS**, the Local Public Contracts Law (N.J.S.A. 40:11-1 et seq.) authorizes contracts for the provision of "Professional Services," which may be awarded without public advertising and competitive bidding, provided a brief notice of the nature, duration, service and amount of contract is published, and that the Resolution and contract are kept on file and available for public inspection.

**WHEREAS**, funds are available for these purposes at line item 01-857-001; and

**NOW, THEREFORE, BE IT RESOLVED** the Rockaway Valley Regional Sewerage Authority as follows:

1. The Rockaway Valley Regional Sewerage Authority recognizes that Kleinfelder has an established reputation in the field of engineering matters related to the services set forth in the letter proposal attached hereto at Schedule A from Timothy D. Bradley, P.E., Kleinfelder to JoAnn Mondsinì, Executive Director, RVRSA dated July 29, 2016, and recognizes that they possess specialized abilities and resources to provide the expert engineering services necessary to meet the Authority's needs.
2. The Executive Director of the Rockaway Valley Regional Sewerage Authority is hereby authorized and directed to execute a contract for professional services, in a

form acceptable to the Executive Director and RVRSA Board, between the Rockaway Valley Regional Sewerage Authority and the firm of Kleinfelder, having an office at 321 Wall Street, Princeton, New Jersey, for engineering support services relevant to the emergency repair of RVRSA's 54-inch gravity sewer main located off West Main Street in the Town of Boonton, at a cost not to exceed \$48,190.00 without further authorization, to be calculated on a time charged plus expense basis, in accordance with the letter proposal dated July 29, 2016, attached hereto at Schedule A, and conditioned upon the submission by Kleinfelder of its New Jersey Business Registration Certificate and Business Entity Disclosure Certification.

3. This contract is awarded without competitive bidding as a "Professional Service" under the provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-5.
4. A notice of contract award shall be published in the official newspaper, a brief notice stating the nature, duration, service and amount of the contract, and that the Resolution and contract are on file and available for public inspection at the Authority and the clerk's office of the municipalities creating the Authority.
5. This Resolution shall take effect as provided by law.

#### **CERTIFICATION**

I do hereby certify that this Resolution was adopted at a regular meeting of the Rockaway Valley Regional Sewerage Authority held on August 11, 2016

on motion of: Glenn Corbett

seconded by: John Cegelka


ROLL CALL VOTE:

YEAS: (7) Andes, Cegelka, Corbett, Guadagno, Lowell, Rossi, Schorno,

NAYS: (0) None

ABSTAIN: (1) Vincitore

ABSENT: (2) Recchia and Secco

  
\_\_\_\_\_  
Michael Guadagno  
Board Secretary



August 5, 2016

VIA EMAIL

JoAnn Mondsini  
Executive Director  
Rockaway Valley Regional Sewerage Authority  
RD #1, 99 Green Bank Road  
Boonton, NJ 07005

**RE: EMERGENCY INTERCEPTOR REPAIR  
PROPOSAL FOR ENGINEERING SUPPORT**

Dear Ms. Mondsini:

As requested, Kleinfelder (KLF) has prepared this proposal to provide engineering support to the Rockaway Valley Regional Sewerage Authority (RVRSA) related to emergency repair of the collapsed section of RVRSA interceptor at West Main Street in the Town of Boonton. This proposal includes the engineering services that have been provided to date as well as the engineering and resident project representative (RPR) services required to complete the interceptor repair and to assist RVRSA in obtaining an emergency loan.

Our proposed Scope of Services and Cost Proposal follow.

**SCOPE OF SERVICES**

KLF's proposed scope of services related to the emergency repair consists of the following tasks:

1. Initial Contractor Coordination and Oversight
2. Evaluate Repair Options and Design Recommended Option
3. Emergency Loan Support
4. RPR and Construction Administration Services

A detailed description of each task is presented below.

**Task 1 – Initial Contractor Coordination and Oversight**

A sinkhole indicative of a pipe collapse was first observed on Sunday, July 24, 2016, and on this date RVRSA contacted KLF's RPR for Contracts 38 and 39, Mark Bean, to mobilize the Contract 38 contractor to the site of the sinkhole to begin excavation work on the morning of July 25, 2016. KLF's RPR has worked full-time each day from Monday, July 25th through end of the week (12 hours per day for 3 of the 5 days) to:

- Coordinate and oversee the excavation to expose the collapsed pipe section while protecting the Boonton water main
- Coordinate procurement, set-up and startup of an interim temporary bypass pumping system

- Coordinate closely with RVRSA staff, representatives from the Towns of Boon, and NJDEP
- Coordinate the installation of temporary fencing to secure the site
- Participate in an infrastructure committee meeting
- Monitor operation of the bypass pumping system

### **Task 2 – Evaluate Repair Options and Design Recommended Option**

KLF will evaluate options to repair the collapsed pipe section, and will document the evaluation and recommended alternative in a Memorandum to RVRSA. The Memorandum will be discussed with RVRSA to achieve consensus on the recommended alternative. This evaluation will be performed after the full-scale temporary bypass pumping system is installed next week and the damaged line can be fully inspected.

KLF will design the recommended alternative by preparing specifications and drawings/sketches to the extent needed for the contractor to construct the repair and for RVRSA to obtain the Emergency Loan from NJDEP/NJEIT.

Also, as part of this task, KLF will review existing RVRSA videotapes and other information available regarding the RVRSA interceptor in the area of the pipe collapse. The goal will be to identify the likely factor(s) contributing to the collapse, and whether the identified factor(s) indicate the need for preventive measures in the adjacent pipe sections to prevent a similar collapse.

### **Task 3 – Emergency Loan Support**

KLF will assist RVRSA in obtaining an Emergency loan through the NJDEP/NJEIT by performing the following activities:

1. Assist in preparing and submitting the Letter of Intent and Project Information form prior to August 15, 2016.
2. Coordinate with Bond Counsel in preparing and submitting the short term Financial Addendum Form (FAF) prior to August 15, 2016.
3. Prepare the comprehensive Engineer's Report required by the emergency loan program. This report is due within 30 days of the emergency occurrence.
4. Assist in preparing and submitting the Emergency Loan Application.
5. General coordination with NJDEP and NJEIT.

### **Task 4 – RPR and Construction Administration Services**

To estimate the level of effort for this task, it is assumed that: (1) during the week of August, 1, 2016, the full scale temporary bypass pumping system is installed, tested and placed into operation; (2) during the week of August 8, 2016, the full-scale temporary bypass system remains in operation, the damaged pipe section is inspected, options to repair the pipe are evaluated, the consensus repair method is selected, and arrangements to implement the permanent interceptor repair are initiated; and (3) after the materials required to repair the

interceptor are procured, a one week period will be required to monitor the interceptor repair and site restoration.

Based on the above schedule, KLF will:

1. Provide full-time (i.e., 8 hours per day, 40 hours per week) monitoring of construction activities and operation of the temporary bypass pumping system during the weeks of August 1, 2016 and August 8, 2016.
2. Provide full-time (i.e., 8 hours per day, 40 hours per week) monitoring of construction activities to repair the interceptor, remove the temporary bypass pumping system and to restore the site after the materials required to repair the interceptor are procured.
3. Review contractor submittals on the materials the contractor proposes to purchase for repair of the interceptor.
4. Coordinate with RVRSA, Town of Boonton, County and NJDEP as required.
5. Attend the following meetings: (1) one additional infrastructure committee meeting; (2) the Boonton Council Meeting on August 15, 2016; and (3) the RVRSA Board meeting in August.

### **COST PROPOSAL**

KLF proposes to perform the scope of work described above on a time charged plus expense basis in accordance with the terms and conditions of our 2016 agreement for consulting services.

The estimated cost per task and total cost are presented in the table on the following page.

| <b>Task</b> | <b>Description</b>                                    | <b>Cost</b>     |
|-------------|---|-----------------|
| 1           | Initial Contractor Coordination and Oversight         | \$10,980        |
| 2           | Evaluate Repair Options and Design Recommended Option | \$7,650         |
| 3           | Emergency Loan Support                                | \$4,220         |
| 4           | RPR and Construction Administration Services          | \$25,340        |
|             | <b>Total</b>  | <b>\$48,190</b> |

As shown in the table, the total estimated cost is \$48,190 which will not be exceeded without RVRSA's prior approval.

Please contact me at 609-454-4555, or by email at TBradley@Klienfelder.com, if you have any questions or need additional information.

Sincerely,



Timothy D. Bradley, P.E.  
Vice President

cc: C. Feuer, M. Bean