





December 20, 2022

Town of Dewey Beach  
Mr. Bill Zolper, Town Manager  
105 Rodney Avenue  
Dewey Beach, DE 19971

**RE: Proposal to Provide Construction Management and  
Inspection Services  
Read Street Outfalls Rip-Rap Repair Project  
Town of Dewey Beach, DE**

Dear Mr. Zolper:

**Remington & Vernick Engineers (RVE)** is pleased to provide this proposal to provide construction management and inspections services associated with the Read Street Outfall Rip-Rap Repair Project. This is a continuation of the GIS Stormwater Infrastructure Management Mapping Database pilot study project.

After some investigation, we firmly believe that the valves entering the bay are no longer working properly. This causes sand and water to wash into the pipes during high tide. It's verified that the pipes are partially under sand causing backups and flooding. We always expected some silt and debris on these line segments since our last mobilization, but the problems above have caused far more cleaning than anticipated.

This additional work will include the construction management and inspection of excavating the sand below the invert of the pipes, removal of the three outfall valves, and the installation of a cofferdam around the three pipe locations. After the silt has been removed, the area will be stabilized before the installation of an underwater barrier using riprap R-5 or R-6 stone around the three pipes in order to protect the area from erosion. This project site is at the end of Read Street on the bay (see attached project area maps for reference).

The scope of construction items includes the outfall cleaning and televising of the three outfall pipes and structures at the end of Read Street on the bay. Work to be performed to the Town's schedule with a minimum of one day notice. We anticipate a duration of 6 working days total to perform the required tasks with the timeframe to begin on or about the week of 1/16/2023 and to be completed on or before the week of 3/6/2023 and work to be performed concurrently with low tidal conditions, as directed by the Town. This timeframe estimate is contingent on weather conditions, traffic control (if necessary), availability of Town staff, etc. Price includes cleaning, televising, plugging, bypass pumping, groundwater control, and dewatering, as necessary and all necessary restorations and incidental work. This adjunct to phase 1 of the stormwater pipe relining project breaks down as follows:

Read Street:

36" RCP (x3) – (Structures 67 to 60, 69, 70)

Note: Includes heavy cleaning the line segments above due to the flooding from the pipes in the bay.



The red shows removal to help rebuild the canoe path. The green shows the riprap repair.

Standard Pipe Services-SPS cost estimate to perform their portion of the scope of work as outlined herein is \$35,750.00. (See "Proposal of Work" from Standard Pipe Services-SPS attached).

The scope of services to be provided by RVE and their associated costs are detailed herein.

## **SCOPE OF SERVICES**

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Our specific scope of services is as follows:

### **Phase 01 – Construction Management and Inspection (\$6,490.00)**

1. Attendance at one (1) preconstruction meeting.
2. Review of product and material submittals.
3. Part-time (4 hours per day estimated minimum for 6 work days) on-site inspection.
4. Contract administration.
5. Project closeout.

### **Phase RE – Reimbursable Expenses (\$500.00)**

1. Includes mileage and reproductions associated with this project.

## **COST OF SERVICES**

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RVE's total fee for providing the construction management and inspection services described above is the Not-to-Exceed amount of **\$6,990.00**. The total Not-to-Exceed budget will not be adjusted without the prior approval of the Town for the additional costs associated with a specific change in the scope of work.

A man-hour breakdown can be provided for your information. A man-hour breakdown is an estimate of the resources and time required to perform each task outlined in the proposal. RVE does reserve the right to reallocate man-hours between in-scope tasks, as necessary to provide the required deliverables.

We trust the information provided meets your requirements for this project.

Should you have any questions or require additional information, please do not hesitate to contact me in our Newark, DE office at (302) 266-0212.

Sincerely,

**REMINGTON & VERNICK ENGINEERS**

By

Christopher J. Fazio, P.E., C.M.E.  
Executive Vice President

CJF/krz

cc: Jim Dedes, Assistant Town Manager  
Sharon Marrazzo, Project Analyst

Acceptance:

I, on behalf of the Town of Dewey Beach, DE, authorize Remington & Vernick Engineers to proceed with the work as described above.

\_\_\_\_\_

Name

\_\_\_\_\_

Date

# SCHEDULE OF BILLABLE HOURLY RATES

2023

It has always been the firm's policy to encourage clients to contact our staff with questions or problems that need to be discussed. No fees are incurred each time the telephone is answered or a meeting is held on-site. Clients are free to discuss various projects without fear of incurring a consulting expense. Fees are all project-related, established at the initiation of the project or as the scope of the project can be defined. Prior to client authorization, a detailed proposal, including a scope of services, will be prepared for all Capital Projects. All proposals are subject to negotiation and approval.

## ENGINEERING

Regional Engineer/Manager	\$175
Engineering Department Head	\$170
Certified Flood Plan Manager	\$149
Project Manager, LSRP	\$175
Project Manager/Engineer	\$163
Project Engineer	\$152
Engineer	\$149
Senior Engineering Technician	\$146
Engineering Technician	\$94
Technical Aide	\$64

## PLANNING

Planning Manager	\$170
Project Planner	\$126
Senior Landscape Architect/Planner	\$146
Landscape Architect/Planner	\$126

Principal	\$180
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Mileage Commensurate in accordance with IRS Regulations

## CONSTRUCTION MANAGEMENT & OBSERVATION

CM & Observation Department Head	\$152
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### Construction Management Personnel

Project Manager	\$132
Construction Manager	\$123

### Observer Personnel

Observer Supervisor	\$152
Resident Observer NICET IV	\$132
Observer NICET II/III	\$126
Observer	\$123
Contract Administrator	\$123
NACE Certified Coating Inspector	\$150

## SURVEY, CAD & GIS

### Field Personnel

Surveyor	\$123
Party Chief	\$111
Transit/Rod Person	\$105
Robotic Crew	\$143

### Office Personnel

Survey/CAD Department Head	\$140
Survey Manager	\$123

CAD/GIS Manager	\$140
Senior CAD/GIS Technician	\$123
CAD/GIS Technician	\$109