

CITY OF VINELAND

RESOLUTION NO. 2022-513

A RESOLUTION DECLARING THE EXISTENCE OF AN EMERGENCY REQUIRING MOTOR REPAIR AND REDEVELOPMENT OF WELL #8 AND AUTHORIZING THE PAYMENT OF BILLS FOR SAID SERVICES.

WHEREAS, the Director of Municipal Utilities has reported the existence of an emergency requiring immediate motor repairs and redevelopment of Well #8; and

WHEREAS, the Water Utility requested at Well #8 an inspection of the motor that had seized and burnt; and

WHEREAS, during that inspection, the pump was found to be seized as well and both required removal and further inspection, which found that repairs were necessary to return the unit to proper operation;

WHEREAS, to protect the health, safety and welfare of the public, authorization is requested to contract with A.C. Schultes, Woodbury Heights, NJ, at a cost not to exceed \$78,042.00 for the immediate motor repairs and redevelopment of Well #8; and

WHEREAS, the Chief Financial Officer has certified the availability of funds for the above emergency;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Vineland as follows:

1. That the Director of Municipal Utilities is hereby authorized and directed to contract with A.C. Schultes, Woodbury Heights, NJ, for the emergency motor repairs and redevelopment of Well #8, in an amount not to exceed \$78,042.00.

2. That the Purchasing Agent is hereby authorized and directed to issue purchase orders to A.C. Schultes, Woodbury Heights, NJ, for the emergency motor repairs and redevelopment of Well #8, in an amount not to exceed \$78,042.00.

3. That payment is hereby authorized pursuant to said purchase orders in accordance with procedures for payment of bills and demands heretofore established by Ordinance number 1048.

Adopted:

President of Council

ATTEST:

City Clerk



664 S. Evergreen Ave.
Woodbury Heights, NJ 08097
24 Hour Service
(856) 845-5656 Office
gusiv@acschultes.com
www.acschultes.com

November 18, 2022

Vineland City Water & Sewer
330 East Walnut Road
Vineland, NJ 08360

Attention: Bill Kennedy
Email: bkennedy@vinelandcity.org
Cell: 609-319-5893

Reference: Well #8: TV Inspection and Pump Repairs
ACS Job #P30545

Dear Sir:

A.C. Schultes, Inc. recently mobilized to the above referenced job site to inspect the motor that had seized and burnt. After inspection, the pump was found to be seized as well and required removal. The pump was then removed during the same mobilization and was brought back to our repair facility for disassembly and inspection. We then remobilized to the site with our TV equipment to perform a downhole inspection of the well. Below are the results of our TV inspection:

<u>Depth</u>	<u>Description</u>
0' - ?:	24" outer steel casing
2' - 135':	16" inner casing
44':	Static water level
135' - 163':	16" stainless steel louver screen
163':	Depth of material encountered
165':	Depth of well (according to records)

From the inspection, the bottom portion of the screen is clogged and there is approximately 7' of material at the bottom of the well. In addition, the top area of the screen is clogged, and this well would benefit from jetting, swabbing, and airlifting.

After removal, the well pump assembly and motor were brought back to our repair facility for disassembly and inspection. At this time, the following repairs are necessary to return the unit to proper operation:

- 100 HP Motor Rewind
- Replace discharge head with new
 - Install new baseplate, make necessary piping modifications
- Replace stuffing box with new

Pump Repairs (cont.)

- Furnish (95') 8" x 1-1/2" New Column Assembly including:
 - 8" Column Pipe – Epoxy Coated
 - 1-1/2" Stainless Steel Lineshafts and Couplings
 - 8" x 1-1/2" bronze bearing brackets and rubber bearings
- Furnish new bowl assembly capable of 1500 GPM @ 180' TDH – epoxy coated
- Furnish necessary accessories, gauges, etc.
- Perform startup testing and assist with samples

The estimated costs associated with this project have been listed below.

Well Cleaning (Estimated 10 Days)	\$25,000.00
Pump Repairs, Installation, Startup Testing:	\$53,042.00
Total Project Cost:	\$78,042.00

If you have any additional questions regarding this project, please feel free to contact this office.

Sincerely,

A.C. SCHULTES, INC.

Michael Schultes

Michael Schultes, Esq.
Project Manager

MS/ck J: JOBS P/P30545/111822