

Request for Proposals
Reconditioning and Repair of Well Supplies

RFP #2020-0702-15



Town of Cumberland
45 Broad Street
Cumberland, RI 02864

Date Issued: June ~~9th~~, 2020
Date Due: July 2, 2020 at 10:00 AM
Town of Cumberland, Finance Department
45 Broad Street
Cumberland, RI 02864
Phone: 401-728-2400

The Town of Cumberland Water Department is seeking competitive bid proposals for the “Reconditioning and Repair of Well Supplies”. The work shall include the following items of work:

- 1. Reconditioning and repair of the four Manville Wells and pumps**
- 2. Reconditioning and repair of Abbott Run Well No. 3 and pump**

GENERAL INFORMATION

1. Bid Proposals will be received at the office of the Finance Director; Town Hall (First Floor), 45 Broad Street, Cumberland, RI 02864 until 10:00 AM on Thursday July 2, 2020 at which time said bids will be publicly opened and read aloud in the Town Council Chambers (third floor).
2. Envelopes containing the bids must be sealed and designated as bids for the Cumberland Water Department: **Reconditioning and Repair of Well Supplies.**
3. Please include **five (5) copies** of your Bid Proposal. In addition, please e-mail an electronic copy of your bid to rchauvin@cumberlandri.org.
4. Each bid must be submitted on the prescribed form. All blank spaces for bid prices must be filled in, in ink or typewritten, in both words and figures. Erasures or other changes in the bid must be explained or noted over the signature of the bidder. The owner may consider incomplete any bid not prepared and submitted in accordance with the provisions hereof but may waive any informality or reject any and all bids.
5. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No BIDDER may withdraw a bid within 30 days after the actual date of the opening thereof. Bid prices for work at the Manville Wells shall remain in effect for 24 months from the Notice of Award. Bid prices for the reconditioning work at Abbott Run Well No. 3 shall also remain in effect for 24 months from the Notice of Award.
6. No telegraphic bid, electronic bid, or modification of a bid will be accepted.
7. The Town of Cumberland may make investigations as deems necessary to determine the ability of the bidder to perform the work, and the BIDDER shall furnish all such information and data for this purpose as requested. The Town reserves the right to reject any bid if the evidence submitted by, or investigation of, such BIDDER fails to satisfy the criteria that such BIDDER is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. All applicable industry and equipment licenses are required of the successful BIDDER.

8. **BID SECURITY**: Each bid must be accompanied by a bid bond prepared on the form of bid bond attached hereto, duly executed by the BIDDER as principal and having as surety thereon a surety company approved by the Town of Cumberland, in the amount of 5% of the bid.
9. The Town of Cumberland reserves the right to reject any bid that does not meet minimum standards.
10. All questions regarding the scope of work in this bid should be directed to Christopher Champi, Water Superintendent at (401-658-0666) or via email at cchampi@cumberlandri.org .
11. The winning bid must be approved by the Cumberland Water Department.
12. Award of the bid is subject to adequate funding approval by the Cumberland Town Council.

SPECIFICATIONS

Scope of Services:

1. RECONDITIONING AND REPAIR OF THE FOUR MANVILLE WELLS AND PUMPS

Under these specifications, it is intended that the Contractor furnish all necessary equipment, labor and supplies to recondition both wells and pumping equipment for Manville Well No.1, Manville Satellite Well No.1A, Manville Well No.2, Manville Satellite Well No.2A and Abbott Run Well No. 3. All information which the BIDDER may require may be secured by means of a personal visit to the sites where the work will be conducted. Contact Christopher Champi via phone at 401-658-0666 or via email at cchampi@cumberlandri.org to schedule a site visit.

The BIDDER must provide the following:

Equipment:

- The CONTRACTOR shall furnish, deliver and erect at the site all necessary rigging and miscellaneous equipment to accomplish the reconditioning and repairs. This will include a hoist/crane rig capable of pulling the motors and pumping equipment.
- The development rig must include a hydraulically operated surging piston with a variable stroke length between 1 and 6 feet to provide reciprocating surging action in the well automatically. Use of a Cable Tool rig is acceptable only if the bidder supplies a safety plan with the bid complying with all OSHA regulations.

- The equipment shall also be capable of a stroke up to 30 strokes per minute.

Site Safety Requirements

- The CONTRACTOR's field employees must all have a current OSHA 10 Hour Training to be permitted on the site.
- Due to the remote locations of the well sites, use of heavy equipment, hazardous chemicals the presence of overhead and electrical hazards, the CONTRACTOR's field crew must consist of a two man crew for all on site activities including accessing the pump station, removal and reinstallation of the permanent pumping equipment, installation and removal of the development tools, all chemical handling (including surface preparation), injection, pumping and neutralization, and all mechanical surging and pumping activities.
- BIDDER shall hold both a valid Rhode Island Well Driller and Pump Installer licenses and provide proof with the BID.

Preliminary Test

- Prior to pulling the equipment, the CONTRACTOR shall conduct a test of the well and pumping equipment by isolating the well from the system, connecting a temporary discharge line and orifice pipe to the station blow off line or yard hydrant and operating the existing pump at four (4) different flow rates to establish a baseline for the evaluation of the effectiveness of the cleaning effort. Pump discharge pressure, static pressure, pumping water levels and capacities at the four operation points of the pump shall be collected and recorded.
- Vibration, voltage and amperage readings shall also be collected and recorded during the pre-cleaning testing procedures.

Removal and Inspection of Pumps and Motors

- The CONTRACTOR shall remove the pump and motor from the wells, taking all due precaution to avoid damaging the well houses, well casings, seals, discharge piping or pumping equipment.
- The CONTRACTOR shall then disassemble the pumping equipment, column pipe and discharge head, all equipment will then be cleaned by high pressure washing and inspected by the CONTRACTOR'S qualified personnel.

- A written Pump Inspection Report detailing the condition of the equipment will be prepared and submitted, along with a detailed list of recommended repair parts and pricing for review and approval by the Water Superintendent.
- No repairs shall be made without prior written authorization from the Water Superintendent.
- Prior to reinstallation, the pumping equipment shall be reassembled, painting the inside and outside of the column pipe and the outside of the bowls with a bit mastic enamel similar to Intertol #49 thick. This work shall be performed by the contractor's factory trained personnel.

Pre-Cleaning Video Inspection

- Once the pumping equipment has been removed from the well, the CONTRACTOR will conduct a closed-circuit video inspection of the well to examine the condition of both the well casing and screen.
- During the inspection the well is to be pumped to waste by the CONTRACTOR at a rate sufficient to remove any floating debris to allow for the clearest possible view of the well.
- The equipment shall be capable of viewing the inside of the complete well from top to bottom and transmitting the image to a monitor located at the wellhead.
- The camera to be used must be portable, full color and capable of including an audio description of the inspection.
- The CONTRACTOR shall notify the OWNER prior to performing the inspection and a DVD copy of the inspection shall be provided upon its completion. Equipment primarily designed for sewer and tunnel inspection will not be permitted.

Well Redevelopment

- The CONTRACTOR shall redevelop each well for up to 30 hours by a combination of individual chemical treatments, mechanical surging, high volume backwashing and pumping.
- The development equipment must include a minimum of three (3) full diameter blocks (two in the screen and one in the casing), an end suction turbine pump, a calibrated orifice for the measurement of the flow rate and a minimum one thousand five hundred (1,500) gallon holding tank for the storage and neutralization of the redevelopment chemicals.

- The field crew for all on site activities requiring operation of the rig (including pump removal / reinstallation, installation / removal of development tools and surging of the wells) shall consist of a minimum of two (2) men for safety purposes.

The wells shall be redeveloped and chemically treated by the following process:

Step 1

- Once the pumping equipment has been removed and the pre-cleaning video inspection has been completed, the CONTRACTOR shall pre-treat the well by jetting the interior of the screen with a high-pressure stream of water to remove soft materials and break apart hardened mineral deposits from the screen surface.
- The jetting tool is to be set within the well along with either a centrifugal or submersible pump. Once set, the jetting tool will be raised and lowered through the well screen covering the entire length of the screen on each pass.
- Throughout this treatment the submersible/centrifugal pump will be used to remove any loosened debris from the well.
- Wastewater will be directed to a temporary holding tank where solids will be allowed to settle out prior to the discharge of water on site at an acceptable location predetermined by the Water Superintendent.
- The contractor will be responsible for the safe disposal of the remaining solids left in the temporary holding tank once the water has been drained.

Step 2

- Upon removal of the jetting equipment, the surge block development tools will be set prior to the introduction of any chemicals.
- The wells will be surged for a period of one (1) hour and then pumped to waste to remove any loose debris from the interior of the well screens or casings. Waste water will be pumped to an acceptable on-site location predetermined by the Water Superintendent.
- A solution consisting of 20 degree baume muriatic acid and well cleaner, such as NuWell 310 Bio-Acid Enhancer, will then be placed in the well screens.
- A sufficient amount of muriatic acid will be added to provide a concentration of fifteen (15) percent throughout the entire well screens and gravel packs.

- A well cleaner, such as, NuWell 310 Bio-Acid Enhancer, will be added at a ratio of two and a half (2.5) gallons per fifty-five (55) gallons of muriatic acid.
- The acid/well cleaner solution shall then be forced into the formation by the addition of one thousand five hundred (1,500) gallons of potable water, surged, pumped and backwashed for a minimum of four (4) hours.
- The high-volume backwash process shall include the recirculation of unspent acid/well cleaner solution into the wells through the use of the development tools.
- Each backwash event shall include a minimum quantity of one thousand (1,000) gallons of the acid/well cleaner solution being forced back into the screened section of the wells.
- Upon completion of the high-volume backwash process, the wells will be pumped to waste while surging into a temporary settling tank provided by the CONTRACTOR.
- Once the settlement has occurred the acid/well cleaner solution will be neutralized with the use of Soda Ash or an equivalent chemical, to a pH of no less than six (6.0) and discharged to waste on site at a location acceptable to the OWNER.
- A detailed record of the neutralization data shall be maintained by the contractor, witnessed by water department personnel, and submitted to the Water Superintendent with the final report.
- Calculation of the proper amount of chemical shall be defined as, screen length plus five (5) feet for the base. The gravel packs should be considered to have a porosity of fifty (50) percent and allowance should be made to fill both the screens and gravel packs with chemical.

Step 3

- Once the acid/well cleaner solution has been removed from the wells, the CONTRACTOR shall treat the well using a wetting agent to remove formation fines, silts and clays. CONTRACTOR shall place one (1) gallon of NuWell 220 (Johnson Screen) per one thousand (1,000) gallons of well volume.
- The solution will then be forced back into the well and gravel pack with a minimum of five hundred (500) gallons of potable water, surged, pumped and backwashed for a minimum of four (4) hours.
- The solution will then be pumped from the well, neutralized as needed and discharged to waste to an acceptable on-site location predetermined by the OWNER.

Step 4

- Once the wetting agent has been removed from the well, the CONTRACTOR shall place sodium hypochlorite solution in the well to provide a concentration of two hundred (200) parts per million (ppm).
- The total volume of the sodium hypochlorite solution shall be three (3) times the total volume of the water in the screened portion of the well and the gravel pack.
- Upon completion of the sodium hypochlorite injection, the well shall be immediately surged without pumping to distribute the solution evenly throughout the screen and gravel pack.
- Following the surging process, the sodium hypochlorite solution shall be forced further into the formation by the addition of one thousand five hundred (1,500) gallons of potable water.
- The sodium hypochlorite solution shall then remain in the well for a minimum of twelve (12) hours. After which the well shall then be surged, pumped and backwashed for a minimum of four (4) hours before pumping to waste.
- The sodium hypochlorite solution shall then be pumped into a temporary settling tank (provided by the CONTRACTOR) where the solution will be neutralized with the use of sodium bisulfate to a concentration of < 5 ppm by the CONTRACTOR's trained personnel and witnessed by water department personnel.
- The neutralized solution shall then be discharged on site to an acceptable location predetermined by the OWNER.
- The CONTRACTOR shall maintain a detailed record of the neutralization data and submit the data with the final report.

Additional Treatments

- Upon completion of each chemical treatment the CONTRACTOR shall conduct a thirty (30) minute pumping test to provide an estimate of the development results. All data will be recorded by the CONTRACTOR and submitted to the OWNER for review and analysis to determine if additional chemical treatments would be beneficial to the development of the well.
- The pumping test will be conducted using an end suction turbine pump and a calibrated orifice pipe by the CONTRACTOR's trained personnel and witnessed by water department personnel.

Post Cleaning Video Inspection

- Upon completion of the reconditioning work, a second video inspection of the wells screens and casings shall be conducted in the same manner and with the same equipment as the pre-cleaning inspection.

Reassembly and Reinstallation

- The CONTRACTOR shall reassemble and install all reconditioned pumping equipment in the wells, taking special care to maintain the proper alignment with the existing pump foundation and discharge piping.

Final Test of Well and Pumping Equipment

- Following the reinstallation of the reconditioned pumping equipment in the well, the CONTRACTOR's trained personnel shall conduct a two (2) hour pumping test of the well and its pumping equipment which shall be witnessed by the OWNER.
- The pumping test shall be performed in the same manner as described in the preliminary test with voltage, amperage and vibration data recorded along with pump discharge pressure, static pressure, pumping water levels and capacities at four operation points of the pump.
- The CONTRACTOR shall be responsible for any and all disinfection of the wells to the Rhode Island Department of Health Drinking Water Standards prior to the wells being returned to service.

Final Report

- Upon completion of all work, the CONTRACTOR shall provide a letter report detailing the work completed, repair parts furnished, and the results of the redevelopment shall be made and submitted to the OWNER. The report shall include copies of all disinfection, neutralization, pumping capacity, vibration, voltage and amperage data that was collected. A detailed price breakdown of all repair parts and labor shall be included with the report as well as the following information:
 - Complete details of the results of the daily testing throughout the redevelopment process, redevelopment chemicals including quantities used and detail of any repair parts furnished.
 - A separate report detailing the post-cleaning flow test on the well and pumping equipment showing all pertinent well information as well as field test data collected, and a plot of the current pump performance shall be made.

- Copies of the pre- and post-cleaning video inspections shall be furnished to the OWNER in DVD format.

Salvage

- All pump parts and equipment removed from existing work and not required to be reinstalled in new work shall remain the property of the OWNER.

2. RECONDITIONING AND REPAIR OF ABBOTT RUN WELL NO. 3 AND PUMP

Under these specifications, it is intended that the CONTRACTOR furnish all necessary equipment, labor and supplies to recondition both well and pumping equipment for Abbott Run Well No. 3.

The BIDDER must provide the same scope of services as described under Item 1. “RECONDITIONING AND REPAIR OF THE FOUR MANVILLE WELLS AND PUMPS” above, except that references to gravel pack shall not be applicable. Abbott Run Well No. 3 is a naturally developed well with no gravel pack.

INSURANCE

All bidders, upon award of contract, shall furnish an insurance certificate naming the Town of Cumberland as certificate holder, and as additionally insured, with the following minimum limits:

Item	<i>Minimum Limits</i>
Workers' Compensation and Employer's Liability	<i>Statutory workers' compensation coverage as required by law in the State of Rhode Island.</i> <i>Employers Liability Limits:</i> \$100,000 Each Accident \$500,000 Disease-Policy Limit \$100,000 Disease-Each Employee
General Liability, including Contractors Protective, Products and Completed Operations and Contractual Liability (c.u., collapse and underground coverage to be included. Blasting and explosion coverage required if there will be blasting under the contract.)	\$2,000,000 General Aggregate \$2,000,000 Products and Completed Operations Aggregate \$1,000,000 Personal & Advertising Injury \$1,000,000 Each Occurrence Limit \$ 50,000 Fire Damage Limit \$ 5,000 Medical Payments
Automotive Liability	\$1,000,000 Combined Single Limit for Bodily Injury and Property Damage
Owner's Protective Liability	\$1,000,000 Each Occurrence \$2,000,000 Aggregate Injury and Property Damage
Builder's Risk and Installation Floater Coverage	Limit equal to the total insurable value of all materials and equipment to be built and/or installed
Carrier Requirements:	All carriers must have a Financial Performance Rating from A.M. Best Company of at least "A".

The Town of Cumberland must be named as an additional insured and as a certificate holder on the policy. Bid bonds, supply bonds, and performance bonds will be required as necessary.

QUALIFICATION OF BIDDERS

- The OWNER may make such investigations, as it deems necessary, to determine the ability of the BIDDER to perform the work. The BIDDER shall furnish the OWNER with all such information and data for the purpose as may be requested.
- The OWNER will require a list of equipment that will be available for this project, and any equipment not conforming to the criteria detailed in this specification may result in disqualification of the bid.

ADDENDA AND INTERPRETATIONS

No interpretation on the meaning of the Specifications or other Contract Document will be made to any BIDDER orally. Every request for such interpretations should be in writing, addressed to the Finance Director, 45 Broad Street, Cumberland, Rhode Island 02864, and to be given consideration must be received at least seven (7) days prior to the date fixed for the opening of the bids. E-mail transmissions will be accepted at rchauvin@cumberlandri.org with written follow-up by BIDDER.

Any and all interpretations and supplemental instructions which, if issued, will be electronically transmitted to all perspective BIDDERS (at the respective email address furnished by the BIDDER for such purpose), not later than 48 hours prior to the date fixed for the opening of the bids (unless such addenda postpones the opening of bids). Failure of BIDDER to receive any such addendum or interpretations shall not relieve any BIDDER from obligation under his/her BID as submitted. All addenda so issued shall become part of the Finance Department.

REFERENCES

The CONTRACTOR shall provide the OWNER with a list containing a minimum of five (5) references for similar well reconditioning projects utilizing the specified methods that have been completed in the last twelve (12) months. The following shall be provided by the CONTRACTOR for each reference provided, Owner's name, address, contact name, phone number, project description and dates of service.

BID PRICING

The BIDDER has carefully examined the site of work to be done, has become familiar with local conditions and the character and the extent of work, has carefully examined BID documents, and hereby agrees to perform the contract within the specification in a timely fashion at the pricing presented on the official Bid Sheet.

CONTINGENCY

The CONTRACTOR shall carry a twenty-five thousand-dollar (\$25,000) allowance in his bid for well pumping equipment repairs for the Manville and Abbott Run Wells. This sum or portions thereof will only be paid upon written authorization of the OWNER for repair or replacement actually completed to pumps, motors, shafts, etc.

WORK SCHEDULE

Except as noted below, all work shall be completed by April 30, 2022 unless otherwise approved by the OWNER. The reconditioning work at Abbott Well #3 may be delayed by the OWNER. Pricing for all reconditioning work shall remain in effect for 24 months from the Notice to Proceed.



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

DESCRIPTION:

1.1 RECONDITIONING AND REPAIR OF MANVILLE WELL
NO. 1

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
Mobilization – Demobilization		Lump Sum	_____
Remove, Reinstall, & Test Pumping Equipment		Lump Sum	_____
Set, Maintain, Pull Developing Tools		Lump Sum	_____
Disassemble, Clean, & Inspect Pumping Equipment		Lump Sum	_____
Jetting Application		Lump Sum	_____
Machine Time for Redevelopment	_____ hours @ \$_____	per hr.	_____
Closed Circuit Video Inspections (pre – post)		Lump Sum	_____
Chemicals for Redevelopment			
1. Muriatic Acid @ \$_____		_____ gallons	_____
2. Well Cleaner @ \$_____		_____ gallons	_____
3. Sodium Hexametaphosphohate @ \$_____		_____ gallons	_____
4. Sodium Hypochlorite @ \$_____		_____ gallons	_____
5. Neutralization Chemicals		Lump Sum	_____

SUB TOTAL BID PRICE \$ _____

SUB TOTAL BID PRICE (IN WORDS) _____



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

DESCRIPTION:

**1.2 RECONDITIONING AND REPAIR OF MANVILLE
SATTELITE WELL NO. 1A**

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
Mobilization – Demobilization		Lump Sum	_____
Remove, Reinstall, & Test Pumping Equipment		Lump Sum	_____
Set, Maintain, Pull Developing Tools		Lump Sum	_____
Disassemble, Clean, & Inspect Pumping Equipment		Lump Sum	_____
Jetting Application		Lump Sum	_____
Machine Time for Redevelopment	_____ hours @ \$_____	per hr.	_____
Closed Circuit Video Inspections (pre – post)		Lump Sum	_____
Chemicals for Redevelopment			
1. Muriatic Acid @ \$_____	/gallon	_____ gallons	_____
2. Well Cleaner @ \$_____	/gallon	_____ gallons	_____
3. Sodium Hexametaphosphate @ \$_____		_____ gallons	_____
4. Sodium Hypochlorite @ \$_____	/gallon	_____ gallons	_____
5. Neutralization Chemicals		Lump Sum	_____

SUB TOTAL BID PRICE \$ _____

SUB TOTAL BID PRICE (IN WORDS) _____



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

DESCRIPTION:

1.3 RECONDITIONING AND REPAIR OF MANVILLE WELL
NO. 2

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
Mobilization – Demobilization		Lump Sum	_____
Remove, Reinstall, & Test Pumping Equipment		Lump Sum	_____
Set, Maintain, Pull Developing Tools		Lump Sum	_____
Disassemble, Clean, & Inspect Pumping Equipment		Lump Sum	_____
Jetting Application		Lump Sum	_____
Machine Time for Redevelopment	_____ hours @ \$_____	per hr.	_____
Closed Circuit Video Inspections (pre – post)		Lump Sum	_____
Chemicals for Redevelopment			
1. Muriatic Acid @ \$_____	_____	gallons	_____
2. Well Cleaner @ \$_____	_____	gallons	_____
3. Sodium Hexametaphosphate @ \$_____	_____	gallons	_____
4. Sodium Hypochlorite @ \$_____	_____	gallons	_____
5. Neutralization Chemicals		Lump Sum	_____

SUB TOTAL BID PRICE \$ _____

SUB TOTAL BID PRICE (IN WORDS) _____



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

DESCRIPTION:

**1.4 RECONDITIONING AND REPAIR OF MANVILLE
SATTELITE WELL NO. 2A**

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
Mobilization – Demobilization		Lump Sum	_____
Remove, Reinstall, & Test Pumping Equipment		Lump Sum	_____
Set, Maintain, Pull Developing Tools		Lump Sum	_____
Disassemble, Clean, & Inspect Pumping Equipment		Lump Sum	_____
Jetting Application		Lump Sum	_____
Machine Time for Redevelopment	____ hours @ \$_____	per hr.	_____
Closed Circuit Video Inspections (pre – post)		Lump Sum	_____
Chemicals for Redevelopment			
1. Muriatic Acid @ \$_____		gallon	_____
2. Well Cleaner @ \$_____		gallon	_____
3. Sodium Hexametaphosphohate @ \$_____		gallon	_____
4. Sodium Hypochlorite @ \$_____		gallon	_____
5. Neutralization Chemicals		Lump Sum	_____

SUB TOTAL BID PRICE \$ _____

SUB TOTAL BID PRICE (IN WORDS) _____



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

DESCRIPTION:

2.0 RECONDITIONING AND REPAIR OF ABBOTT RUN WELL
NO. 3

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
Mobilization – Demobilization		Lump Sum	_____
Remove, Reinstall, & Test Pumping Equipment		Lump Sum	_____
Set, Maintain, Pull Developing Tools		Lump Sum	_____
Disassemble, Clean, & Inspect Pumping Equipment		Lump Sum	_____
Jetting Application		Lump Sum	_____
Machine Time for Redevelopment	_____ hours @ \$_____	per hr.	_____
Closed Circuit Video Inspections (pre – post)		Lump Sum	_____
Chemicals for Redevelopment			
1. Muriatic Acid @ \$_____	_____	gallons	_____
2. Well Cleaner @ \$_____	_____	gallons	_____
3. Sodium Hexametaphosphate @ \$_____	_____	gallons	_____
4. Sodium Hypochlorite @ \$_____	_____	gallons	_____
5. Neutralization Chemicals		Lump Sum	_____

SUB TOTAL BID PRICE \$ _____

SUB TOTAL BID PRICE (IN WORDS) _____



TOWN OF CUMBERLAND BID FORM

The undersigned hereby agrees to provide the Town of Cumberland with the Scope of Services specified herein except as noted, for the following cost:

RECONDITIONING AND REPAIR OF:

1.1	MANVILLE WELL NO. 1	_____
1.2	MANVILLE SATTELITE WELL NO. 1A	_____
1.3	MANVILLE WELL NO. 2	_____
1.4	MANVILLE SATTELITE WELL NO. 2A	_____
2	ABBOTT RUN WELL NO. 3	_____
	CONTINGENCY	<u>\$ 25,000.00</u>

TOTAL BID PRICE \$ _____

TOTAL BID PRICE (IN WORDS) _____

**ANY DEVIATION FROM THE BID SPECIFICATIONS
MUST BE CLEARLY STATED**

Firm Name _____

Address _____

Phone Number _____ Fax Number _____

Email Address _____

Authorized Signature _____

Print Name & Title _____

BID SECURITY/BID BOND

KNOW ALL THESE PARTIES PRESENT, that we, the undersigned _____ as principal, and _____ as Surety ("Surety"), are hereby held and firmly bound unto Town of Cumberland, Cumberland Water Department ("OWNER") in the penal sum of _____ for payment of which, well and truly be made, we hereby jointly and severally bind ourselves, successors and assigns. Surety must appear on Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in Rhode Island.

Signed, this _____ day of _____ 20_____.

The Condition of the above obligation is such that whereas the Principal has submitted to Town of Cumberland, Rhode Island a certain Bid, attached hereto and hereby made a part hereof to enter into an Agreement in writing, for the Reconditioning and Repair of Deep Wells and Pumps Project in the town of Cumberland in Rhode Island.

NOW, THEREFORE,

- (a) If said Bid shall be rejected, or
- (b) If said Bid shall be accepted, the Principal shall execute and deliver an Agreement (properly completed in accordance with said Bid) and shall furnish a Bond for faithful performance of said Agreement, and for the payment of all persons performing labor and furnishing materials in connection therewith, and shall in all other respects perform Agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation.

The Surety, for value received, hereby stipulates and agrees that obligations of said Surety and its Bond shall be in no way impaired or affected by any extension of time within which the OWNER may accept such Bid: and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals (as applicable) and such of them as are corporations have caused their corporate seals to be hereto affixed and these present to be signed by their proper officer, the day and year set forth above.

Principal (L.S.)

Surety

By: _____