



**Yvette Aguiar**  
**Supervisor**

**Town of Riverhead**  
**200 Howell Avenue**  
**Riverhead, NY 11901**

**Teresa Balducci**  
**Purchasing Agent**  
**631-727-3200 Ext. 271**

TO: Supervisor Aguiar; Deputy Supervisor Higgins; Councilpersons Beyrodt, Hubbard, Kent, Rothwell; Julie O'Neill, Deputy Town Clerk; Frank Mancini, Superintendent of Water District

CC: Carol Delvecchio, Clerk's Office; Robin Halpin, Water District; John Collins, H2M

FROM: Teresa Balducci, Purchasing Agent

DATE: February 25, 2021

RE: Bid Opening Report for Test Well Program Phase II – Installation of Groundwater Test Wells

---

4 bids were received and opened on February 25, 2021 at 11am:

Delta Well & Pump Co Inc  
97 Union Ave  
Ronkonkoma, NY 11779  
delta@deltawell.com

A.C. Schultes Inc  
664 S Evergreen Ave  
Woodbury Heights, NJ 08097  
gusiv@acschultes.com

Peconic Well and Pump  
PO Box 1009  
Hampton Bays, NY 11946  
reversrotary@aol.com

Layne Christensen Co.  
1126 Lincoln Ave  
Holbrook, NY 11741  
donald.ranft@gcinc.com

Results of the bid opening are attached. All bids have been forwarded to the Water District for review.

SECTION 004105 – BIDDER'S DECLARATION

COPY

H2M

TO THE TOWN COUNCIL  
RIVERHEAD WATER DISTRICT

For the furnishing and installing of materials for all work included under contract as follows:

Made this 25th day of February, by Delta Well & Pump Co., Inc.

---

---

BIDDER'S DECLARATION:

The party named as Bidder declares that the only person or persons interested in this bid or proposal as principal or principals is or are named herein; and that no other person than herein named has any interest in this proposal or in the contract proposed to be taken; that this bid or proposal is made without any connections with any other person and persons making a bid or proposal for the same purpose; that the bid or proposal is in all respects fair and without collusion or fraud; that it has examined the site of the work, the contract and specifications and the drawings referred to; and has read the Information for Bidders hereto attached; and it proposes and agrees, if this proposal is accepted, it will contract in the form as approved to perform all the work mentioned in said contract and specifications; and it will accept in full payment therefore the following sums to wit:

**END OF SECTION 004105**

The undersigned hereby offers to furnish all labor, equipment, materials and appurtenances for **Test Well Program Phase II - Installation of Groundwater Test Boring**, all in accordance with the plans and specifications prepared by H2M architects + engineers for the following individual and lump sum prices:

SECTION 1: By submission of this bid, the contractor herein verifies the unit and lump sum prices submitted herein under SECTION 1 shall be guaranteed for a period of one year following award of the bid or until April 30, 2022 whichever date expires first. A second test or monitoring well may be authorized prior to the contract completion date of Section 1 and shall be performed in accordance with the applicable pricing provided herein. Work that is authorized within this designated timeframe, however which may extend past the governing date shall be eligible for reimbursement in accordance with Section 1 up to completion of the task. All other work authorized after this date shall be in accordance with SECTION 2.

**ITEM 1A: MOBILIZATION & DEMOBILIZATION TEST BORING**

For furnishing the rotary rig and all miscellaneous equipment, tools etc., required to drill one complete test boring by reverse rotary hydraulic method to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation for slush pit and return trenches, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following test boring construction.

UNIT PRICE ONE HUNDRED THOUSAND (\$100,000.00)  
(Approximately 1 moves) DOLLARS

TOTAL ONE HUNDRED THOUSAND (\$100,000.00)  
DOLLARS

**ITEM 1B: MOBILIZATION & DEMOBILIZATION MONITORING WELL**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill one complete monitoring well to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following monitoring well construction.

UNIT PRICE TWENTY FIVE THOUSAND (\$25,000.00)  
(Approximately 1 moves) DOLLARS

TOTAL TWENTY FIVE THOUSAND (\$25,000.00)  
DOLLARS

**ITEM 2A: CONSTRUCTION OF TEST BORING**

For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth of approximately 700 feet including installation of temporary steel surface casing as well as all means required to provide water for drilling at site of borehole whether through connection to potable hydrant or via separate drilled supply well.

LUMP SUM ONE HUNDRED FORTY THOUSAND (\$140,000.00)  
DOLLARS

**ITEM 2B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of boring as described under Item No. 2A to a greater or lesser depth than specified.

Price per foot ONE HUNDRED (\$ 100.00 )  
(Approximately 20 feet) DOLLARS  
TOTAL TWO THOUSAND (\$ 2,000.00 )  
DOLLARS

**ITEM 2C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 60 feet below the water table well boring and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT TWO HUNDRED (\$ 200.00 )  
(Approximately 40 samples) DOLLARS  
TOTAL EIGHT THOUSAND (\$ 8,000.00 )  
DOLLARS

**ITEM 2D: PREPARATION OF TEST SCREEN ZONE**

For placing and removing test screen setting at depths specifically directed by the District or Engineer. Item shall include backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.

Price per ZONE THIRTY THOUSAND (\$ 30,000.00 )  
(Approximately 3 zones) DOLLARS  
TOTAL NINETY THOUSAND (\$ 90,000.00 )  
DOLLARS

**ITEM 2E: GEOPHYSICAL LOG OF TEST WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM ONE THOUSAND (\$ 1,000.00 )  
DOLLARS



**ITEM 2F: DEVELOPMENT PUMPING ADJUSTMENT (ADD/DEDUCT)**

Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D for the three test zones. Hourly price provided can also be applied as credit when development time to reach specified water quality parameters is less than the minimum requirements.

Price per HOUR ONE HUNDRED FIFTY (\$ 150.00 )  
(Approximately 4 hours) DOLLARS

TOTAL SIX HUNDRED (\$ 600.00 )  
DOLLARS

**ITEM 3A: CONSTRUCTION OF MONITORING WELL**

For construction of a 6"Ø Schedule 80 groundwater monitoring well with casing, slotted PVC screen, and PVC sump to a depth of approximately 300 feet.

LUMP SUMP SIXTY FIVE THOUSAND (\$ 65,000.00 )  
DOLLARS

**ITEM 3B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of monitoring well detailed under Item No. 3A to a greater or lesser depth than specified.

Price per foot ONE HUNDRED (\$ 100.00 )  
(Approximately 20 feet) DOLLARS

TOTAL TWO THOUSAND (\$ 2,000.00 )  
DOLLARS

**ITEM 3C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 140 feet and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT TWO HUNDRED (\$ 200.00 )  
(Approximately 10 samples) DOLLARS

TOTAL TWO THOUSAND (\$ 2,000.00 )  
DOLLARS

**ITEM 3D: GEOPHYSICAL LOG OF MONITORING WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM ONE THOUSAND (\$ 1,000.00 )  
DOLLARS

**ITEM 4A: TESTING**

Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.

Price per DAY TWO THOUSAND (\$ 2,000.00)  
(Approximately 10 days) DOLLARS

TOTAL TWENTY THOUSAND (\$ 20,000.00)  
DOLLARS

**ITEM 4B: ADDITIONAL WORK ALLOWANCE**

Cash allowance for unforeseen conditions encountered during construction of monitoring well.

FIXED PRICE Five Thousand & 00/100 ( \$5,000.00 )  
DOLLARS

**ITEM 5A: MOBILIZATION & DEMOBILIZATION FOR SUPPLY WELL CONSTRUCTION**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill and operate one complete supply well where a hydrant is not available for test boring construction purposes; including moving and unloading equipment, establishment of area for rig set-up, set-up, maintenance and monitoring of supply well through construction, abandonment of well in accordance with NYSDEC requirements, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following supply well construction.

UNIT PRICE FIFTEEN THOUSAND (\$ 15,000.00)  
(Approximately 1 move) DOLLARS

TOTAL FIFTEEN THOUSAND (\$ 15,000.00)  
DOLLARS

**ITEM 5B: SUPPLY WELL CONSTRUCTION**

Unit price per linear foot for construction of supply well where a hydrant is not available.

Price per foot FIFTY (\$ 50.00 )  
(Approximately 150 feet) DOLLARS

TOTAL SEVEN THOUSAND FIVE HUNDRED (\$ 7,500.00)  
DOLLARS

TOTAL BID (Sum of All Items):

FOUR HUNDRED EIGHTY FOUR THOUSAND  
ONE HUNDRED (\$ 484,100.00)  
DOLLARS

SECTION 2: By submission of this bid, the contractor herein verifies the unit prices submitted herein under SECTION 2 shall be guaranteed for the periods specified below. Work that is authorized within a designated timeframe, however which may extend past the period ending date shall be eligible for reimbursement in accordance with the unit prices stipulated on date of notice to proceed from District up to completion of the task. The District shall utilize the below schedule in planning for future test and monitoring wells. Locations shall be as determined. By submission of bid, the contractor agrees to mobilization and commencement of work within sixty (60) days of the Notice to Proceed from District.

Item No.	Description	April 1, 2022 thru March 31, 2023	April 1, 2023 thru March 31, 2024
1A	Mobilization and demobilization for the construction of a groundwater test boring including all items specified.  (Price per mobilization/demobilization)	\$100,000.00	\$102,500.00
1B	Mobilization and demobilization for the construction of a groundwater monitoring well. including all items specified.  (Price per mobilization/demobilization)	\$25,000.00	\$25,625.00
2AB	For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth as directed by the District and in accordance with these specifications  (Price per linear foot of boring constructed)	\$200.00	\$205.00
2C	For obtaining split spoon core sampling including screen or sieve analysis and graphing of all samples identified by District at a rate as directed by District and in accordance with these specifications. Cost may be applied in the construction of groundwater test wells or monitoring wells.  (Price per sample)	\$200.00	\$205.00
2D	For placing and removing test boring screen setting at depths specifically directed by the District including backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.  (Price per zone completed)	\$30,000.00	\$30,750.00

2E	For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  (Price per set of tests completed)	\$ 1,000.00	\$ 1,025.00
2F	Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D.  (Price per hour)	\$ 150.00	\$ 153.00
3AB	For construction of a 6"Ø PVC groundwater monitoring well to a depth as directed by the District and in accordance with these specifications  (Price per linear foot of well constructed)	\$ 215.00	\$ 220.00
3D	For performance of geophysical logging of monitoring well including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  (Price per set of tests completed)	\$ 1,000.00	\$ 1,025.00
4A	Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.  (Price per day)	\$ 2,000.00	\$ 2,050.00
5A	For the Mobilization and demobilization of supply rig construction, maintenance and abandonment of a water supply well for use in construction of a test boring when fire hydrant not available for supply  (Price per boring constructed and maintained)	\$ 15,000.00	\$ 15,375.00
5B	Unit price per linear foot for construction of supply well where a hydrant is not available.  (Price per foot)	\$ 50.00	\$ 52.00

Pursuant to Section 103-D of the General Municipal Law, the Contractor makes the following statement under penalty of perjury, and by submission of this bid or proposal, the bidder certifies that:

(a) This bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor; (b) this bid or proposal has not been knowingly disclosed and will not be knowingly disclosed prior to the opening of the bids or proposals for this project to any other bidder, competitor or potential competitor; (c) no attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal; (d) the person signing this bid or proposal certifies that he/she has fully informed him or herself regarding the accuracy of the statements contained in this certification and, under penalties of perjury, affirms the truth thereof, such penalties being applicable to the bidder as well as to the person signing in its behalf; (e) that attached hereto (if a corporate bidder) is a certified copy of resolution authorizing the execution of this certificate by the signatory of this bid or proposal on behalf of the corporate bidder.

Resolve that DELTA WELL & PUMP CO., INC. be authorized  
NAME OF CORPORATION

to sign and submit the bid or proposal of this corporation for the following project:

TEST WELL PROGRAM PHASE II – INSTALLATION OF GROUNDWATER TEST WELLS

and to include in such bid or proposal the certificate as to non-collusion required by Section 103-D of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate, this corporate bidder shall be liable under the penalties of perjury. The foregoing is a true and correct copy of the resolution adopted by

Delta Well & Pump Co., Inc. at a meeting of its Board of Directors

held on the 15th day of February, 2021.

(Seal of the Corporation)

Secretary: Robert T. Devine  
Robert T. Devine, Vice President  
RESPECTIVELY SUBMITTED:

Firm Name: Delta Well & Pump Co., Inc.

Address: 97 Union Avenue

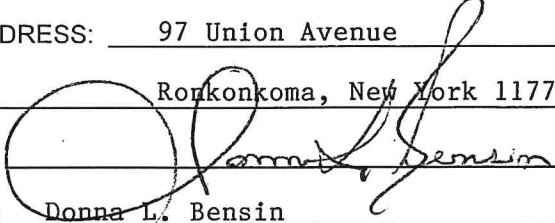
Ronkonkoma, New York 11779

Signed By: Donna L. Bensin  
Donna L. Bensin

Title: President

END OF SECTION 004519

SECTION 3: Certification

BIDDER: DELTA WELL & PUMP CO., INC.  
BIDDER'S ADDRESS: 97 Union Avenue  
Ronkonkoma, New York 11779  
SIGNED BY:  TITLE: President  
PRINT NAME: Donna L. Bensin DATE: 02/15/21  
PHONE: 631-981-2255 E-MAIL: delta@deltawell.com  
FEDERAL I.D. NO.: 11-2841186

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT TO AWARD THIS CONTRACT BASED ON EITHER THE TOTAL BID OR ANY COMBINATION OF ITEMS WHATEVER IS DEEMED TO BE IN THE BEST INTEREST OF DISTRICT. THE TOWN/DISTRICT ALSO RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT AFTER AWARD TO ELIMINATE OR NOT PROCEED WITH CERTAIN BID ITEMS IF DEEMED TO BE IN THE BEST INTEREST OF DISTRICT.

WITHIN TEN (10) DAYS (SUNDAYS AND LEGAL HOLIDAYS EXCEPTED) AFTER ACCEPTANCE OF THIS BID BY THE TOWN/DISTRICT, THE BIDDER SHALL EXECUTE THE CONTRACT. THE BIDDER SHALL FURNISH THE REQUIRED BONDS AND INSURANCES TO THE WATER DISTRICT'S ATTORNEY WITHIN THE SAME TIME FRAME.

THE BIDDER REPRESENTS HERewith THAT HE IS AWARE OF THE WORKING CONDITIONS, HAS CAREFULLY REVIEWED THE PROPOSAL AND SPECIFICATIONS, HAS CHECKED AND CERTIFIES THE ACCURACY OF THE BID.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE DISTRICT TO MINIMIZE DISTURBANCES TO DISTRICT OPERATIONS.

SPECIFIC BONDING NOTES:

The contractor shall provide the appropriate performance and maintenance bonds as described in the Contract Section of these documents and in consideration of the following stipulations:

- The value of the Performance Bond provided to the Town District at the time of the submission of bids shall be in the amount of the total bid submitted under Section 1.
- The value of the Maintenance Bond shall be equal to the final payment amount made under section 1. Separate maintenance bonds may be submitted for wells requested outside the base bid at the discretion of the District.
- For work authorized under Section 2, the contractor shall provide a one-year maintenance bond for the value of the work completed after the completion of the well/boring construction at the discretion of the District.

SPECIFIC CONSTRUCTION NOTES:

All costs associated with these items shall be included in the bid price for Item 2A under Section 1 or within the unit price for Item 2A under Section 2:

- All areas shall be restored to pre-existing conditions or better as judged by the District and Engineer.
- The clearing or trimming of trees is not permitted.
- Contractor shall be responsible to determine appropriate means of water supply required to properly construct well at locations shown.
- Contractor shall be responsible for the disposal of water used in development.
- Where private property is to be accessed, property owners shall be named as additionally insured and be provided endorsements of coverage by the Contractor.
- Contractor shall be responsible for securing appropriate permits from the NYSDEC.
- Final location of wells shall be approved by District and Engineer.
- If a working easement from or access to private property owner is necessary to complete the work, it is the responsibility of the Contractor to secure the permission to access private property and provide verification of permission from property owner to District and Engineer.

THE UNDERSIGNED HEREBY ALSO ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA, IF ANY:

ADDENDUM NO.	DATED
<u>1</u>	<u>02/12/2021</u>
<u>2</u>	<u>02/17/2021</u>

TELEPHONE NUMBER WHERE THE CONTRACTOR OR A COMPETENT REPRESENTATIVE CAN ACCEPT A TELEPHONE MESSAGE AND PROVIDE A REASONABLE REPLY AS SOON AS POSSIBLE, WITHIN 24 HOURS OF BEING CONTACTED.

DAY: ( 631 ) 981-2255 NIGHT: ( 631 ) 300-8353

EMERGENCY: ( 631 ) 300-0731 FAX: ( 631 ) 981-2369

**END OF SECTION 004118**



COPY

TO THE TOWN COUNCIL  
RIVERHEAD WATER DISTRICT

For the furnishing and installing of materials for all work included under contract as follows:

Made this 25<sup>TH</sup> day of FEBRUARY 2021, by AUGUST C. SCHULTES, IV  
PRESIDENT ACS

BIDDER'S DECLARATION:

The party named as Bidder declares that the only person or persons interested in this bid or proposal as principal or principals is or are named herein; and that no other person than herein named has any interest in this proposal or in the contract proposed to be taken; that this bid or proposal is made without any connections with any other person and persons making a bid or proposal for the same purpose; that the bid or proposal is in all respects fair and without collusion or fraud; that it has examined the site of the work, the contract and specifications and the drawings referred to; and has read the Information for Bidders hereto attached; and it proposes and agrees, if this proposal is accepted, it will contract in the form as approved to perform all the work mentioned in said contract and specifications; and it will accept in full payment therefore the following sums to wit:

END OF SECTION 004105

The undersigned hereby offers to furnish all labor, equipment, materials and appurtenances for **Test Well Program Phase II - Installation of Groundwater Test Boring**, all in accordance with the plans and specifications prepared by H2M architects + engineers for the following individual and lump sum prices:

SECTION 1: By submission of this bid, the contractor herein verifies the unit and lump sum prices submitted herein under SECTION 1 shall be guaranteed for a period of one year following award of the bid or until April 30, 2022 whichever date expires first. A second test or monitoring well may be authorized prior to the contract completion date of Section 1 and shall be performed in accordance with the applicable pricing provided herein. Work that is authorized within this designated timeframe, however which may extend past the governing date shall be eligible for reimbursement in accordance with Section 1 up to completion of the task. All other work authorized after this date shall be in accordance with SECTION 2.

**ITEM 1A: MOBILIZATION & DEMOBILIZATION TEST BORING**

For furnishing the rotary rig and all miscellaneous equipment, tools etc., required to drill one complete test boring by reverse rotary hydraulic method to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation for slush pit and return trenches, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following test boring construction.

UNIT PRICE Twenty Five Thousand (\$ 25000 )  
(Approximately 1 moves) DOLLARS  
TOTAL Twenty Five Thousand (\$ 25000 )  
DOLLARS

**ITEM 1B: MOBILIZATION & DEMOBILIZATION MONITORING WELL**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill one complete monitoring well to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following monitoring well construction.

UNIT PRICE Ten Thousand (\$ 10000 )  
(Approximately 1 moves) DOLLARS  
TOTAL Ten Thousand (\$ 10000 )  
DOLLARS

**ITEM 2A: CONSTRUCTION OF TEST BORING**

For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth of approximately 700 feet including installation of temporary steel surface casing as well as all means required to provide water for drilling at site of borehole whether through connection to potable hydrant or via separate drilled supply well.

LUMP SUM Three Hundred Sixty Five Thousand (\$ 365000 )  
DOLLARS

**ITEM 2B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of boring as described under Item No. 2A to a greater or lesser depth than specified.

Price per foot Three Thous (\$ 300 )  
(Approximately 20 feet) DOLLARS  
TOTAL Six Thous (\$ 6000 )  
DOLLARS

**ITEM 2C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 60 feet below the water table well boring and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT Three Thous (\$ 300 )  
(Approximately 40 samples) DOLLARS  
TOTAL Twelve Thous (\$ 12000 )  
DOLLARS

**ITEM 2D: PREPARATION OF TEST SCREEN ZONE**

For placing and removing test screen setting at depths specifically directed by the District or Engineer. Item shall include backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.

Price per ZONE Thirty Five Thous (\$ 35000 )  
(Approximately 3 zones) DOLLARS  
TOTAL One Thous Five Thous (\$ 105000 )  
DOLLARS

**ITEM 2E: GEOPHYSICAL LOG OF TEST WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Two Thous (\$ 2000 )  
DOLLARS

**ITEM 2F: DEVELOPMENT PUMPING ADJUSTMENT (ADD/DEDUCT)**

Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D for the three test zones. Hourly price provided can also be applied as credit when development time to reach specified water quality parameters is less than the minimum requirements.

Price per HOUR Five Hrs. (\$ 500 )  
(Approximately 4 hours) DOLLARS

TOTAL Three Thousand (\$ 2000 )  
DOLLARS

**ITEM 3A: CONSTRUCTION OF MONITORING WELL**

For construction of a 6"Ø Schedule 80 groundwater monitoring well with casing, slotted PVC screen, and PVC sump to a depth of approximately 300 feet.

LUMP SUM One Hundred Twenty Thousand (\$ 120,000 )  
DOLLARS

**ITEM 3B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of monitoring well detailed under Item No. 3A to a greater or lesser depth than specified.

Price per foot Three Hrs (\$ 300 )  
(Approximately 20 feet) DOLLARS

TOTAL Six Thousand (\$ 6000 )  
DOLLARS

**ITEM 3C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 140 feet and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT Three Hrs (\$ 300 )  
(Approximately 10 samples) DOLLARS

TOTAL Three Thousand (\$ 3000 )  
DOLLARS

**ITEM 3D: GEOPHYSICAL LOG OF MONITORING WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Two Thousand (\$ 2000 )  
DOLLARS

**ITEM 4A: TESTING**

Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.

Price per DAY Three Th (\$ 3000 )  
(Approximately 10 days) DOLLARS

TOTAL Thirty Th (\$ 30000 )  
DOLLARS

**ITEM 4B: ADDITIONAL WORK ALLOWANCE**

Cash allowance for unforeseen conditions encountered during construction of monitoring well.

FIXED PRICE Five Thousand & 00/100 ( \$5,000.00 )  
DOLLARS

**ITEM 5A: MOBILIZATION & DEMOBILIZATION FOR SUPPLY WELL CONSTRUCTION**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill and operate one complete supply well where a hydrant is not available for test boring construction purposes; including moving and unloading equipment, establishment of area for rig set-up, set-up, maintenance and monitoring of supply well through construction, abandonment of well in accordance with NYSDEC requirements, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following supply well construction.

UNIT PRICE Five Th (\$ 500 )  
(Approximately 1 move) DOLLARS

TOTAL Five Th (\$ 500 )  
DOLLARS

**ITEM 5B: SUPPLY WELL CONSTRUCTION**

Unit price per linear foot for construction of supply well where a hydrant is not available.

Price per foot Three Th (\$ 300 )  
(Approximately 150 feet) DOLLARS

TOTAL Forty Five Th (\$ 45000 )  
DOLLARS

TOTAL BID (Sum of All Items):

Seven Th  
DOLLARS (\$ 743,000 )

SECTION 2: By submission of this bid, the contractor herein verifies the unit prices submitted herein under SECTION 2 shall be guaranteed for the periods specified below. Work that is authorized within a designated timeframe, however which may extend past the period ending date shall be eligible for reimbursement in accordance with the unit prices stipulated on date of notice to proceed from District up to completion of the task. The District shall utilize the below schedule in planning for future test and monitoring wells. Locations shall be as determined. By submission of bid, the contractor agrees to mobilization and commencement of work within sixty (60) days of the Notice to Proceed from District.

Item No.	Description	April 1, 2022 thru March 31, 2023	April 1, 2023 thru March 31, 2024
1A	Mobilization and demobilization for the construction of a groundwater test boring including all items specified.  (Price per mobilization/demobilization)	\$ 2500	\$ 2500
1B	Mobilization and demobilization for the construction of a groundwater monitoring well. including all items specified.  (Price per mobilization/demobilization)	\$ 1000	\$ 1000
2AB	For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth as directed by the District and in accordance with these specifications  (Price per linear foot of boring constructed)	\$ 550	\$ 580
2C	For obtaining split spoon core sampling including screen or sieve analysis and graphing of all samples identified by District at a rate as directed by District and in accordance with these specifications. Cost may be applied in the construction of groundwater test wells or monitoring wells.  (Price per sample)	\$ 300	\$ 300
2D	For placing and removing test boring screen setting at depths specifically directed by the District including backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.  (Price per zone completed)	\$ 3500	\$ 3500

2E	For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 2000	\$ 2000
2F	Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D.  <b>(Price per hour)</b>	\$ 500	\$ 500
3AB	For construction of a 6"Ø PVC groundwater monitoring well to a depth as directed by the District and in accordance with these specifications  <b>(Price per linear foot of well constructed)</b>	\$ 435	\$ 465
3D	For performance of geophysical logging of monitoring well including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 2000	\$ 2000
4A	Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.  <b>(Price per day)</b>	\$ 4500	\$ 4500
5A	For the Mobilization and demobilization of supply rig construction, maintenance and abandonment of a water supply well for use in construction of a test boring when fire hydrant not available for supply  <b>(Price per boring constructed and maintained)</b>	\$ 5000	\$ 5000
5B	Unit price per linear foot for construction of supply well where a hydrant is not available.  <b>(Price per foot)</b>	\$ 320	\$ 330



SECTION 3: Certification

BIDDER: A.C. SCHULTES, INC.

BIDDER'S ADDRESS: 664 S. EVERGREEN AVENUE  
WOODBURY HEIGHTS, NJ 08097

SIGNED BY:  TITLE: PRESIDENT

PRINT NAME: AUGUST C. SCHULTES, IV DATE: 2/25/2021

PHONE: 856-845-5656 E-MAIL: JUSIV@ACSchULTES.com

FEDERAL I.D. NO.: 222569102

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT TO AWARD THIS CONTRACT BASED ON EITHER THE TOTAL BID OR ANY COMBINATION OF ITEMS WHATEVER IS DEEMED TO BE IN THE BEST INTEREST OF DISTRICT. THE TOWN/DISTRICT ALSO RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT AFTER AWARD TO ELIMINATE OR NOT PROCEED WITH CERTAIN BID ITEMS IF DEEMED TO BE IN THE BEST INTEREST OF DISTRICT.

WITHIN TEN (10) DAYS (SUNDAYS AND LEGAL HOLIDAYS EXCEPTED) AFTER ACCEPTANCE OF THIS BID BY THE TOWN/DISTRICT, THE BIDDER SHALL EXECUTE THE CONTRACT. THE BIDDER SHALL FURNISH THE REQUIRED BONDS AND INSURANCES TO THE WATER DISTRICT'S ATTORNEY WITHIN THE SAME TIME FRAME.

THE BIDDER REPRESENTS HERewith THAT HE IS AWARE OF THE WORKING CONDITIONS, HAS CAREFULLY REVIEWED THE PROPOSAL AND SPECIFICATIONS, HAS CHECKED AND CERTIFIES THE ACCURACY OF THE BID.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE DISTRICT TO MINIMIZE DISTURBANCES TO DISTRICT OPERATIONS.

SPECIFIC BONDING NOTES:

The contractor shall provide the appropriate performance and maintenance bonds as described in the Contract Section of these documents and in consideration of the following stipulations:

- The value of the Performance Bond provided to the Town District at the time of the submission of bids shall be in the amount of the total bid submitted under Section 1.
- The value of the Maintenance Bond shall be equal to the final payment amount made under section 1. Separate maintenance bonds may be submitted for wells requested outside the base bid at the discretion of the District.
- For work authorized under Section 2, the contractor shall provide a one-year maintenance bond for the value of the work completed after the completion of the well/boring construction at the discretion of the District.

SPECIFIC CONSTRUCTION NOTES:

All costs associated with these items shall be included in the bid price for Item 2A under Section 1 or within the unit price for Item 2A under Section 2:

- All areas shall be restored to pre-existing conditions or better as judged by the District and Engineer.
- The clearing or trimming of trees is not permitted.
- Contractor shall be responsible to determine appropriate means of water supply required to properly construct well at locations shown.
- Contractor shall be responsible for the disposal of water used in development.
- Where private property is to be accessed, property owners shall be named as additionally insured and be provided endorsements of coverage by the Contractor.
- Contractor shall be responsible for securing appropriate permits from the NYSDEC.
- Final location of wells shall be approved by District and Engineer.
- If a working easement from or access to private property owner is necessary to complete the work, it is the responsibility of the Contractor to secure the permission to access private property and provide verification of permission from property owner to District and Engineer.

THE UNDERSIGNED HEREBY ALSO ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA, IF ANY:

ADDENDUM NO.	DATED
<u>NO. 1</u>	<u>2/12/2021</u>
<u>NO. 2</u>	<u>2/17/2021</u>

TELEPHONE NUMBER WHERE THE CONTRACTOR OR A COMPETENT REPRESENTATIVE CAN ACCEPT A TELEPHONE MESSAGE AND PROVIDE A REASONABLE REPLY AS SOON AS POSSIBLE, WITHIN 24 HOURS OF BEING CONTACTED.

DAY: (856) 845-5656

NIGHT: (856) 845-5656

EMERGENCY: (856) 845-5656

FAX: (856) 845-1335

END OF SECTION 004118

RIVERHEAD WATER DISTRICT

**\*\* ADDENDUM No. 2\*\***  
**FEBRUARY 17, 2021**

**Project No.:** RDWD 1804  
**Project Name:** 2018 Test Well Program Phase 2 – Installation of Groundwater Test Boring  
District Capital Project No. 4  
**Bid Due Date:** February 25, 2021  
**Description:** Revision to Section 004116 - PROPOSAL

---

**ADDENDUM #2**

**Section 004116 - PROPOSAL**

This addendum shall replace the existing Section 004116 – PROPOSAL with the attached Revised Proposal Section dated 02/17/2021. All previous sections shall be disregarded with bids being based on information herein. Addendum includes the addition of Items 5A & 5B to Section 1 of the proposal.

Contractor shall review requirements outlined in Section 002113 for proper documents required as part of their bid submission.

Bidders shall be aware that in the interest of Public Safety and in accordance with Town of Riverhead guidelines regarding access to Town facilities, all bids will be opened at the designated time and date, however, will not be open to the public. Bids can be mailed to the Town Clerk or deposited in exterior drop box at Town Hall. Results of bids will be posted on Town web-site following opening.

---

To verify receipt of this Addendum, the contractor must sign and date this sheet and return it via e-mail to the Town of Riverhead. A copy shall also be included with your bid submission.

Name: Brian Schleicher  
(Please Print)

Signature: 

Company: Peconic Well and Pump

Date: February 23, 2021

The undersigned hereby offers to furnish all labor, equipment, materials and appurtenances for **Test Well Program Phase II - Installation of Groundwater Test Boring**, all in accordance with the plans and specifications prepared by H2M architects + engineers for the following individual and lump sum prices:

SECTION 1: By submission of this bid, the contractor herein verifies the unit and lump sum prices submitted herein under SECTION 1 shall be guaranteed for a period of one year following award of the bid or until April 30, 2022 whichever date expires first. A second test or monitoring well may be authorized prior to the contract completion date of Section 1 and shall be performed in accordance with the applicable pricing provided herein. Work that is authorized within this designated timeframe, however which may extend past the governing date shall be eligible for reimbursement in accordance with Section 1 up to completion of the task. All other work authorized after this date shall be in accordance with SECTION 2.

**ITEM 1A: MOBILIZATION & DEMOBILIZATION TEST BORING**

For furnishing the rotary rig and all miscellaneous equipment, tools etc., required to drill one complete test boring by reverse rotary hydraulic method to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation for slush pit and return trenches, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following test boring construction.

UNIT PRICE Ninety Thousand & 00/100 (\$ 90,000.00 )  
(Approximately 1 moves) DOLLARS

TOTAL Ninety Thousand & 00/100 (\$90,000.00 )  
DOLLARS

**ITEM 1B: MOBILIZATION & DEMOBILIZATION MONITORING WELL**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill one complete monitoring well to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following monitoring well construction.

UNIT PRICE Seven Thousand Five Hundred & 00/100 (\$7,500.00 )  
(Approximately 1 moves) DOLLARS

TOTAL Seven Thousand Five Hundred & 00/100 (\$ 7,500.00 )  
DOLLARS

**ITEM 2A: CONSTRUCTION OF TEST BORING**

For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth of approximately 700 feet including installation of temporary steel surface casing as well as all means required to provide water for drilling at site of borehole whether through connection to potable hydrant or via separate drilled supply well.

LUMP SUMP Seventy Thousand & 00/100 (\$70,000.00 )  
DOLLARS

**ITEM 2B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of boring as described under Item No. 2A to a greater or lesser depth than specified.

Price per foot Fifty & 00/100 (\$50.00 )  
(Approximately 20 feet) DOLLARS

TOTAL One Thousand & 00/100 (\$1,000.00 )  
DOLLARS

**ITEM 2C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 60 feet below the water table well boring and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT One Hundred & 00/100 (\$100.00 )  
(Approximately 40 samples) DOLLARS

TOTAL Four Thousand & 00/100 (\$4,000.00 )  
DOLLARS

**ITEM 2D: PREPARATION OF TEST SCREEN ZONE**

For placing and removing test screen setting at depths specifically directed by the District or Engineer. Item shall include backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.

Price per ZONE Ten Thousand & 00/100 (\$10,000.00 )  
(Approximately 3 zones) DOLLARS

TOTAL Thirty Thousand & 00/100 (\$30,000.00 )  
DOLLARS

**ITEM 2E: GEOPHYSICAL LOG OF TEST WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Two Thousand & 00/100 (\$2,000.00 )  
DOLLARS

**ITEM 2F: DEVELOPMENT PUMPING ADJUSTMENT (ADD/DEDUCT)**

Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D for the three test zones. Hourly price provided can also be applied as credit when development time to reach specified water quality parameters is less than the minimum requirements.

Price per HOUR Fifty & 00/100 (\$ 50.00 )  
(Approximately 4 hours) DOLLARS

TOTAL Two Hundred & 00/100 (\$200.00 )  
DOLLARS

**ITEM 3A: CONSTRUCTION OF MONITORING WELL**

For construction of a 6"Ø Schedule 80 groundwater monitoring well with casing, slotted PVC screen, and PVC sump to a depth of approximately 300 feet.

LUMP SUMP Thirty Thousand & 00/100 (\$ 30,000.00 )  
DOLLARS

**ITEM 3B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of monitoring well detailed under Item No. 3A to a greater or lesser depth than specified.

Price per foot Fifty & 00/100 (\$ 50.00 )  
(Approximately 20 feet) DOLLARS

TOTAL One Thousand & 00/100 (\$ 1,000.00 )  
DOLLARS

**ITEM 3C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 140 feet and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT One Hundred & 00/100 (\$ 100.00 )  
(Approximately 10 samples) DOLLARS

TOTAL One Thousand & 00/100 (\$ 1,000.00 )  
DOLLARS

**ITEM 3D: GEOPHYSICAL LOG OF MONITORING WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Two Thousand & 00/100 (\$ 2,000.00 )  
DOLLARS

**ITEM 4A: TESTING**

Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.

Price per DAY One Thousand & 00/100 (\$ 1,000.00 )  
(Approximately 10 days) DOLLARS

TOTAL Ten Thousand & 00/100 (\$ 10,000.00 )  
DOLLARS

**ITEM 4B: ADDITIONAL WORK ALLOWANCE**

Cash allowance for unforeseen conditions encountered during construction of monitoring well.

FIXED PRICE Five Thousand & 00/100 ( \$ 5,000.00 )  
DOLLARS

**ITEM 5A: MOBILIZATION & DEMOBILIZATION FOR SUPPLY WELL CONSTRUCTION**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill and operate one complete supply well where a hydrant is not available for test boring construction purposes; including moving and unloading equipment, establishment of area for rig set-up, set-up, maintenance and monitoring of supply well through construction, abandonment of well in accordance with NYSDEC requirements, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following supply well construction.

UNIT PRICE Five Thousand & 00/100 (\$ 5,000.00 )  
(Approximately 1 move) DOLLARS

TOTAL Five Thousand & 00/100 (\$ 5,000.00 )  
DOLLARS

**ITEM 5B: SUPPLY WELL CONSTRUCTION**

Unit price per linear foot for construction of supply well where a hydrant is not available.

Price per foot Twenty Five & 00/100 (\$ 25.00 )  
(Approximately 150 feet) DOLLARS

TOTAL Three Thousand Seven Hundred & Fifty 00/100 (\$ 3,750.00 )  
DOLLARS

TOTAL BID (Sum of All Items):

Two Hundred Sixty Two Thousand Four Hundred Fifty & 00/100  
(\$ 262,450.00 )  
DOLLARS



SECTION 2: By submission of this bid, the contractor herein verifies the unit prices submitted herein under SECTION 2 shall be guaranteed for the periods specified below. Work that is authorized within a designated timeframe, however which may extend past the period ending date shall be eligible for reimbursement in accordance with the unit prices stipulated on date of notice to proceed from District up to completion of the task. The District shall utilize the below schedule in planning for future test and monitoring wells. Locations shall be as determined. By submission of bid, the contractor agrees to mobilization and commencement of work within sixty (60) days of the Notice to Proceed from District.

Item No.	Description	April 1, 2022 thru March 31, 2023	April 1, 2023 thru March 31, 2024
1A	Mobilization and demobilization for the construction of a groundwater test boring including all items specified.  (Price per mobilization/demobilization)	\$ 90,000.00	\$ 90,000.00
1B	Mobilization and demobilization for the construction of a groundwater monitoring well. including all items specified.  (Price per mobilization/demobilization)	\$ 7,500.00	\$ 7,500.00
2AB	For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth as directed by the District and in accordance with these specifications  (Price per linear foot of boring constructed)	\$ 100.00	\$ 100.00
2C	For obtaining split spoon core sampling including screen or sieve analysis and graphing of all samples identified by District at a rate as directed by District and in accordance with these specifications. Cost may be applied in the construction of groundwater test wells or monitoring wells.  (Price per sample)	\$ 100.00	\$ 100.00
2D	For placing and removing test boring screen setting at depths specifically directed by the District including backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.  (Price per zone completed)	\$ 10,000.00	\$ 10,000.00

2E	For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 2,000.00	\$ 2,000.00
2F	Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D.  <b>(Price per hour)</b>	\$ 50.00	\$ 50.00
3AB	For construction of a 6"Ø PVC groundwater monitoring well to a depth as directed by the District and in accordance with these specifications  <b>(Price per linear foot of well constructed)</b>	\$ 100.00	\$ 100.00
3D	For performance of geophysical logging of monitoring well including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 2,000.00	\$ 2,000.00
4A	Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.  <b>(Price per day)</b>	\$ 1,100.00	\$ 1,100.00
5A	For the Mobilization and demobilization of supply rig construction, maintenance and abandonment of a water supply well for use in construction of a test boring when fire hydrant not available for supply  <b>(Price per boring constructed and maintained)</b>	\$ 5,000.00	\$ 5,000.00
5B	Unit price per linear foot for construction of supply well where a hydrant is not available.  <b>(Price per foot)</b>	\$ 50.00	\$ 50.00

SECTION 3: Certification

BIDDER: Peconic Well and Pump

BIDDER'S ADDRESS: P.O. Box 1009, Hampton Bays, NY 11946

SIGNED BY: Brian Schleicher TITLE: President

PRINT NAME: Brian Schleicher DATE: February 23, 2021

PHONE: 631-433-8312 E-MAIL: reverserotary@aol.com

FEDERAL I.D. NO.: 11-3252062

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT TO AWARD THIS CONTRACT BASED ON EITHER THE TOTAL BID OR ANY COMBINATION OF ITEMS WHATEVER IS DEEMED TO BE IN THE BEST INTEREST OF DISTRICT. THE TOWN/DISTRICT ALSO RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT AFTER AWARD TO ELIMINATE OR NOT PROCEED WITH CERTAIN BID ITEMS IF DEEMED TO BE IN THE BEST INTEREST OF DISTRICT.

WITHIN TEN (10) DAYS (SUNDAYS AND LEGAL HOLIDAYS EXCEPTED) AFTER ACCEPTANCE OF THIS BID BY THE TOWN/DISTRICT, THE BIDDER SHALL EXECUTE THE CONTRACT. THE BIDDER SHALL FURNISH THE REQUIRED BONDS AND INSURANCES TO THE WATER DISTRICT'S ATTORNEY WITHIN THE SAME TIME FRAME.

THE BIDDER REPRESENTS HERewith THAT HE IS AWARE OF THE WORKING CONDITIONS, HAS CAREFULLY REVIEWED THE PROPOSAL AND SPECIFICATIONS, HAS CHECKED AND CERTIFIES THE ACCURACY OF THE BID.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE DISTRICT TO MINIMIZE DISTURBANCES TO DISTRICT OPERATIONS.

SPECIFIC BONDING NOTES:

The contractor shall provide the appropriate performance and maintenance bonds as described in the Contract Section of these documents and in consideration of the following stipulations:

- The value of the Performance Bond provided to the Town District at the time of the submission of bids shall be in the amount of the total bid submitted under Section 1.
- The value of the Maintenance Bond shall be equal to the final payment amount made under section 1. Separate maintenance bonds may be submitted for wells requested outside the base bid at the discretion of the District.
- For work authorized under Section 2, the contractor shall provide a one-year maintenance bond for the value of the work completed after the completion of the well/boring construction at the discretion of the District.

SPECIFIC CONSTRUCTION NOTES:

All costs associated with these items shall be included in the bid price for Item 2A under Section 1 or within the unit price for Item 2A under Section 2:

- All areas shall be restored to pre-existing conditions or better as judged by the District and Engineer.
- The clearing or trimming of trees is not permitted.
- Contractor shall be responsible to determine appropriate means of water supply required to properly construct well at locations shown.
- Contractor shall be responsible for the disposal of water used in development.
- Where private property is to be accessed, property owners shall be named as additionally insured and be provided endorsements of coverage by the Contractor.
- Contractor shall be responsible for securing appropriate permits from the NYSDEC.
- Final location of wells shall be approved by District and Engineer.
- If a working easement from or access to private property owner is necessary to complete the work, it is the responsibility of the Contractor to secure the permission to access private property and provide verification of permission from property owner to District and Engineer.

THE UNDERSIGNED HEREBY ALSO ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA, IF ANY:

ADDENDUM NO.	DATED
2	February 23, 2021

TELEPHONE NUMBER WHERE THE CONTRACTOR OR A COMPETENT REPRESENTATIVE CAN ACCEPT A TELEPHONE MESSAGE AND PROVIDE A REASONABLE REPLY AS SOON AS POSSIBLE, WITHIN 24 HOURS OF BEING CONTACTED.


DAY: ( 631 ) 433-8312 NIGHT: ( )

EMERGENCY: ( 631 ) 433-8312 FAX: ( )

END OF SECTION 004118

TO THE TOWN COUNCIL  
RIVERHEAD WATER DISTRICT

For the furnishing and installing of materials for all work included under contract as follows:

Made this 19<sup>th</sup> day of February, by   
LAYNE Christensen Co.  
1126 Lincoln Ave Holbrook, NY 11741

BIDDER'S DECLARATION:

The party named as Bidder declares that the only person or persons interested in this bid or proposal as principal or principals is or are named herein; and that no other person than herein named has any interest in this proposal or in the contract proposed to be taken; that this bid or proposal is made without any connections with any other person and persons making a bid or proposal for the same purpose; that the bid or proposal is in all respects fair and without collusion or fraud; that it has examined the site of the work, the contract and specifications and the drawings referred to; and has read the Information for Bidders hereto attached; and it proposes and agrees, if this proposal is accepted, it will contract in the form as approved to perform all the work mentioned in said contract and specifications; and it will accept in full payment therefore the following sums to wit:

**END OF SECTION 004105**



The undersigned hereby offers to furnish all labor, equipment, materials and appurtenances for **Test Well Program Phase II - Installation of Groundwater Test Boring**, all in accordance with the plans and specifications prepared by H2M architects + engineers for the following individual and lump sum prices:

SECTION 1: By submission of this bid, the contractor herein verifies the unit and lump sum prices submitted herein under SECTION 1 shall be guaranteed for a period of one year following award of the bid or until April 30, 2022 whichever date expires first. A second test or monitoring well may be authorized prior to the contract completion date of Section 1 and shall be performed in accordance with the applicable pricing provided herein. Work that is authorized within this designated timeframe, however which may extend past the governing date shall be eligible for reimbursement in accordance with Section 1 up to completion of the task. All other work authorized after this date shall be in accordance with SECTION 2.

**ITEM 1A: MOBILIZATION & DEMOBILIZATION TEST BORING**

For furnishing the rotary rig and all miscellaneous equipment, tools etc., required to drill one complete test boring by reverse rotary hydraulic method to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation for slush pit and return trenches, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following test boring construction.

UNIT PRICE Thirty Nine thousand two hundred<sup>00</sup> (\$ 39,200<sup>00</sup>)  
(Approximately 1 moves) DOLLARS

TOTAL Thirty Nine thousand two hundred<sup>00</sup> WHY (\$ 39,200<sup>00</sup>)  
DOLLARS

**ITEM 1B: MOBILIZATION & DEMOBILIZATION MONITORING WELL**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill one complete monitoring well to the final depth specified; including clearing, removal, and disposal of undergrowth, moving and unloading equipment, establishment of area for rig set-up, set-up, excavation, install of temporary construction fencing, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following monitoring well construction.

UNIT PRICE Six thousand five hundred<sup>00</sup> WHY (\$ 6,500<sup>00</sup>)  
(Approximately 1 moves) DOLLARS

TOTAL Six thousand five hundred<sup>00</sup> WHY (\$ 6,500<sup>00</sup>)  
DOLLARS

**ITEM 2A: CONSTRUCTION OF TEST BORING**

For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth of approximately 700 feet including installation of temporary steel surface casing as well as all means required to provide water for drilling at site of borehole whether through connection to potable hydrant or via separate drilled supply well.

LUMP SUMP Two Hundred fifty eight thousand eight hundred<sup>00</sup> WHY (\$ 258,800<sup>00</sup>)  
DOLLARS

**ITEM 2B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of boring as described under Item No. 2A to a greater or lesser depth than specified.

Price per foot Four hundred fifty dollars ~~02/xx~~ (\$ 450<sup>00</sup> )  
(Approximately 20 feet) DOLLARS

TOTAL Nine thousand dollars ~~02/xx~~ (\$ 9,000<sup>00</sup> )  
DOLLARS

**ITEM 2C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 60 feet below the water table well boring and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT Eighty dollars ~~02/xx~~ (\$ 80<sup>00</sup> )  
(Approximately 40 samples) DOLLARS

TOTAL Three thousand two hundred ~~02/xx~~ (\$ 3,200<sup>00</sup> )  
DOLLARS

**ITEM 2D: PREPARATION OF TEST SCREEN ZONE**

For placing and removing test screen setting at depths specifically directed by the District or Engineer. Item shall include backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.

Price per ZONE Sixty two thousand ~~02/xx~~ (\$ 62,000<sup>00</sup> )  
(Approximately 3 zones) DOLLARS

TOTAL ONE HUNDRED Eighty Six thousand ~~02/xx~~ (\$ 186,000<sup>00</sup> )  
DOLLARS

**ITEM 2E: GEOPHYSICAL LOG OF TEST WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Six thousand three hundred ~~02/xx~~ (\$ 6,300<sup>00</sup> )  
DOLLARS



**ITEM 2F: DEVELOPMENT PUMPING ADJUSTMENT (ADD/DEDUCT)**

Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D for the three test zones. Hourly price provided can also be applied as credit when development time to reach specified water quality parameters is less than the minimum requirements.

Price per HOUR Two Hundred forty dollars — ~~0/4~~ (\$ 240<sup>00</sup> )  
(Approximately 4 hours) DOLLARS

TOTAL Nine hundred sixty dollars — ~~0/4~~ (\$ 960<sup>00</sup> )  
DOLLARS

**ITEM 3A: CONSTRUCTION OF MONITORING WELL**

For construction of a 6"Ø Schedule 80 groundwater monitoring well with casing, slotted PVC screen, and PVC sump to a depth of approximately 300 feet.

LUMP SUM Thirty Eight thousand three hundred — ~~0/4~~ (\$ 38,300<sup>00</sup> )  
DOLLARS

**ITEM 3B: DEPTH ADJUSTMENT (ADD / DEDUCT)**

For modifying the depth of monitoring well detailed under Item No. 3A to a greater or lesser depth than specified.

Price per foot One Hundred twenty five — ~~0/4~~ (\$ 125<sup>00</sup> )  
(Approximately 20 feet) DOLLARS

TOTAL Two thousand five hundred — ~~0/4~~ (\$ 2,500<sup>00</sup> )  
DOLLARS

**ITEM 3C: TEST Core SAMPLING**

For obtaining split spoon core sampling at a rate of once every 20 feet and at pronounced changes in the character of the materials beginning at 140 feet and continuing to well termination. Item shall also include screen or sieve analysis and graphing of all samples identified by District or Engineer to be within a potential water bearing formation.

Price per UNIT Nine hundred dollars — ~~0/4~~ (\$ 900<sup>00</sup> )  
(Approximately 10 samples) DOLLARS

TOTAL Nine thousand dollars — ~~0/4~~ (\$ 9,000<sup>00</sup> )  
DOLLARS

**ITEM 3D: GEOPHYSICAL LOG OF MONITORING WELL BORING**

For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.

LUMP SUM Two thousand four hundred — ~~0/4~~ (\$ 2,400<sup>00</sup> )  
DOLLARS

**ITEM 4A: TESTING**

Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.

Price per DAY Two thousand three hundred — <sup>00</sup>/<sub>100</sub> (\$ 2,300<sup>00</sup> )  
(Approximately 10 days) DOLLARS

TOTAL Twenty three thousand dollars — <sup>00</sup>/<sub>100</sub> (\$ 23,000<sup>00</sup> )  
DOLLARS

**ITEM 4B: ADDITIONAL WORK ALLOWANCE**

Cash allowance for unforeseen conditions encountered during construction of monitoring well.

FIXED PRICE Five Thousand & 00/100 ( \$5,000.00 )  
DOLLARS

**ITEM 5A: MOBILIZATION & DEMOBILIZATION FOR SUPPLY WELL CONSTRUCTION**

For furnishing the drilling rig and all miscellaneous equipment, tools etc., required to drill and operate one complete supply well where a hydrant is not available for test boring construction purposes; including moving and unloading equipment, establishment of area for rig set-up, set-up, maintenance and monitoring of supply well through construction, abandonment of well in accordance with NYSDEC requirements, moving from the site, final cleaning at the end of the job and all incidental work preparatory to and following supply well construction.

UNIT PRICE Twenty eight thousand — <sup>00</sup>/<sub>100</sub> (\$ 28,000<sup>00</sup> )  
(Approximately 1 move) DOLLARS

TOTAL Twenty eight thousand — <sup>00</sup>/<sub>100</sub> (\$ 28,000<sup>00</sup> )  
DOLLARS

**ITEM 5B: SUPPLY WELL CONSTRUCTION**

Unit price per linear foot for construction of supply well where a hydrant is not available.

Price per foot ONE Hundred Dollars — <sup>00</sup>/<sub>100</sub> (\$ 100<sup>00</sup> )  
(Approximately 150 feet) DOLLARS

TOTAL Fifteen thousand dollars — <sup>00</sup>/<sub>100</sub> (\$ 15,000<sup>00</sup> )  
DOLLARS

TOTAL BID (Sum of All Items):

Six Hundred thirty three thousand, ONE HUNDRED  
Sixty dollars and no cents (\$ 633,160<sup>00</sup> )  
DOLLARS

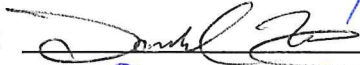
SECTION 2: By submission of this bid, the contractor herein verifies the unit prices submitted herein under SECTION 2 shall be guaranteed for the periods specified below. Work that is authorized within a designated timeframe, however which may extend past the period ending date shall be eligible for reimbursement in accordance with the unit prices stipulated on date of notice to proceed from District up to completion of the task. The District shall utilize the below schedule in planning for future test and monitoring wells. Locations shall be as determined. By submission of bid, the contractor agrees to mobilization and commencement of work within sixty (60) days of the Notice to Proceed from District.

Item No.	Description	April 1, 2022 thru March 31, 2023	April 1, 2023 thru March 31, 2024
1A	Mobilization and demobilization for the construction of a groundwater test boring including all items specified.  (Price per mobilization/demobilization)	\$ 43,000 <sup>00</sup>	\$ 45,500 <sup>00</sup>
1B	Mobilization and demobilization for the construction of a groundwater monitoring well. including all items specified.  (Price per mobilization/demobilization)	\$ 7,200 <sup>00</sup>	\$ 8,000 <sup>00</sup>
2AB	For construction of a groundwater test boring with minimum completed hole diameter of 12"Ø to a depth as directed by the District and in accordance with these specifications  (Price per linear foot of boring constructed)	\$ 400 <sup>00</sup>	\$ 440 <sup>00</sup>
2C	For obtaining split spoon core sampling including screen or sieve analysis and graphing of all samples identified by District at a rate as directed by District and in accordance with these specifications. Cost may be applied in the construction of groundwater test wells or monitoring wells.  (Price per sample)	\$ 85 <sup>00</sup>	\$ 90 <sup>00</sup>
2D	For placing and removing test boring screen setting at depths specifically directed by the District including backfill, installation of clay seals, minimum 6"Ø steel casing with 20' of 6" wire-wound steel screen; gravel pack around the well screen, development (minimum 32 hours per test zone) to meet or exceed detailed water quality parameters; furnishing of deep well turbine pump rated at 200 GPM with proper discharge piping, orifice plate and air-line; removal of steel casing, test screen and pumping equipment after completion of each test at a specified depth.  (Price per zone completed)	\$ 66,000 <sup>00</sup>	\$ 70,000 <sup>00</sup>



2E	For performance of geophysical logging of test boring including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 6,900 <sup>00</sup>	\$ 7,300 <sup>00</sup>
2F	Price per hour for additional pumping necessary to reach specified water quality parameters beyond the 32 hours stipulated under Item 2D.  <b>(Price per hour)</b>	\$ 255 <sup>00</sup>	\$ 268 <sup>00</sup>
3AB	For construction of a 6"Ø PVC groundwater monitoring well to a depth as directed by the District and in accordance with these specifications  <b>(Price per linear foot of well constructed)</b>	\$ 135 <sup>00</sup>	\$ 142 <sup>00</sup>
3D	For performance of geophysical logging of monitoring well including electric (single point resistivity & self-potential) and gamma ray logging and plotting for entire submerged depth of hole.  <b>(Price per set of tests completed)</b>	\$ 2,600 <sup>00</sup>	\$ 2,700 <sup>00</sup>
4A	Daily rate for operation of test pump, collection of water quality sample and delivery of samples to District selected lab within Nassau or Suffolk counties. District shall supply bottles and cover all lab costs.  <b>(Price per day)</b>	\$ 2,500 <sup>00</sup>	\$ 2,800 <sup>00</sup>
5A	For the Mobilization and demobilization of supply rig construction, maintenance and abandonment of a water supply well for use in construction of a test boring when fire hydrant not available for supply  <b>(Price per boring constructed and maintained)</b>	\$ 30,000 <sup>00</sup>	\$ 33,000 <sup>00</sup>
5B	Unit price per linear foot for construction of supply well where a hydrant is not available.  <b>(Price per foot)</b>	\$ 140 <sup>00</sup>	\$ 180 <sup>00</sup>

SECTION 3: Certification

BIDDER: LAYNE Christensen Co.  
BIDDER'S ADDRESS: 1126 Lincoln Ave.  
Holbrook, N.Y. 11741  
SIGNED BY:  TITLE: Project Manager  
PRINT NAME: Donald Ranft DATE: 02/19/2021  
PHONE: 631-218-0749 E-MAIL: donald.ranft@gcinc.com  
FEDERAL I.D. NO.: 48-0920712

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT TO AWARD THIS CONTRACT BASED ON EITHER THE TOTAL BID OR ANY COMBINATION OF ITEMS WHATEVER IS DEEMED TO BE IN THE BEST INTEREST OF DISTRICT. THE TOWN/DISTRICT ALSO RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS

THE TOWN OF RIVERHEAD/RIVERHEAD WATER DISTRICT RESERVE THE RIGHT AFTER AWARD TO ELIMINATE OR NOT PROCEED WITH CERTAIN BID ITEMS IF DEEMED TO BE IN THE BEST INTEREST OF DISTRICT.

WITHIN TEN (10) DAYS (SUNDAYS AND LEGAL HOLIDAYS EXCEPTED) AFTER ACCEPTANCE OF THIS BID BY THE TOWN/DISTRICT, THE BIDDER SHALL EXECUTE THE CONTRACT. THE BIDDER SHALL FURNISH THE REQUIRED BONDS AND INSURANCES TO THE WATER DISTRICT'S ATTORNEY WITHIN THE SAME TIME FRAME.

THE BIDDER REPRESENTS HERewith THAT HE IS AWARE OF THE WORKING CONDITIONS, HAS CAREFULLY REVIEWED THE PROPOSAL AND SPECIFICATIONS, HAS CHECKED AND CERTIFIES THE ACCURACY OF THE BID.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE DISTRICT TO MINIMIZE DISTURBANCES TO DISTRICT OPERATIONS.

SPECIFIC BONDING NOTES:

The contractor shall provide the appropriate performance and maintenance bonds as described in the Contract Section of these documents and in consideration of the following stipulations:

- The value of the Performance Bond provided to the Town District at the time of the submission of bids shall be in the amount of the total bid submitted under Section 1.
- The value of the Maintenance Bond shall be equal to the final payment amount made under section 1. Separate maintenance bonds may be submitted for wells requested outside the base bid at the discretion of the District.
- For work authorized under Section 2, the contractor shall provide a one-year maintenance bond for the value of the work completed after the completion of the well/boring construction at the discretion of the District.

SPECIFIC CONSTRUCTION NOTES:

All costs associated with these items shall be included in the bid price for Item 2A under Section 1 or within the unit price for Item 2A under Section 2:

- All areas shall be restored to pre-existing conditions or better as judged by the District and Engineer.
- The clearing or trimming of trees is not permitted.
- Contractor shall be responsible to determine appropriate means of water supply required to properly construct well at locations shown.
- Contractor shall be responsible for the disposal of water used in development.
- Where private property is to be accessed, property owners shall be named as additionally insured and be provided endorsements of coverage by the Contractor.
- Contractor shall be responsible for securing appropriate permits from the NYSDEC.
- Final location of wells shall be approved by District and Engineer.
- If a working easement from or access to private property owner is necessary to complete the work, it is the responsibility of the Contractor to secure the permission to access private property and provide verification of permission from property owner to District and Engineer.

THE UNDERSIGNED HEREBY ALSO ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA, IF ANY:

ADDENDUM NO.	DATED
<u>1</u>	<u>2/16/21</u>
<u>2</u>	<u>2/17/21</u>

TELEPHONE NUMBER WHERE THE CONTRACTOR OR A COMPETENT REPRESENTATIVE CAN ACCEPT A TELEPHONE MESSAGE AND PROVIDE A REASONABLE REPLY AS SOON AS POSSIBLE, WITHIN 24 HOURS OF BEING CONTACTED.

DAY: (631) 218-0749 NIGHT: (631) 218-0749

EMERGENCY: (516) 356-4989 FAX: (631) 218-0805

END OF SECTION 004118