WESTCHESTER JOINT WATER WORKS

Pre-Meeting Packet

For

Tuesday, August 23, 2022 at 4:45 p.m.

Board Meeting

NOTICE OF MEETING

WESTCHESTER JOINT WATER WORKS BOARD OF TRUSTEES MEETING

The Westchester Joint Water Works Board of Trustees Meeting has been scheduled for:

DATE:

August 23, 2022

DAY:

Tuesday

TIME:

4:45 p.m.

LOCATION:

Westchester Joint Water Works

1625 Mamaroneck Avenue Mamaroneck, NY 10543

Except as may be authorized by any overriding federal, state or local order, WJWW Board meetings are conducted using a hybrid format in accordance with Open Meetings Law (NYS Public Officers Law, Article 7). WJWW Board Members may participate remotely under "extraordinary circumstances" as authorized by Open Meetings Law 103-a. Unless specifically set forth in the meeting notice or published agenda, interested parties are invited to observe any meeting either in-person or virtually through the videoconferencing service Zoom which can be accessed by: (i) typing "join.zoom.us" on your web browser and entering the Webinar ID 92913064695, Passcode: 002934; or (ii) using the direct link https://zoom.us/i/92913064695?pwd=eVV5VGRzMFOwRGx6MnZOazVVaklJdz09; or (iii) dialing one-tap telephone number +19292056099,,92913064695#.

If you have any questions, please call (914) 698-3500, extension 610.

WESTCHESTER JOINT WATER WORKS BOARD OF TRUSTEES MEETING AGENDA

Tuesday, August 23, 2022 at 4:45 p.m.
Conference Room
1625 Mamaroneck Avenue, Mamaroneck, NY 10543

Except as may be authorized by any overriding federal, state or local order, WJWW Board meetings are conducted using a hybrid format in accordance with Open Meetings Law (NYS Public Officers Law, Article 7). WJWW Board Members may participate remotely under "extraordinary circumstances" as authorized by Open Meetings Law 103-a. Unless specifically set forth in the meeting notice or published agenda, interested parties are invited to observe any meeting either in-person or virtually through the videoconferencing service Zoom which can be accessed by: (i) typing "join.zoom.us" on your web browser and entering the Webinar ID 92913064695, Passcode: 002934; or (ii) using the direct link https://zoom.us/i/92913064695?pwd=eVV5VGRzMFOwRGx6MnZOazVVaklJdz09; or (iii) dialing one-tap telephone number +19292056099,,92913064695#.

I. APPROVAL OF MINUTES

- August 10, 2022 Board Meeting

II. FINANCIAL REPORTS AND APPROVALS

- Bank Balances
- Approval of Claims
- General Administration

III. OLD BUSINESS

- Rye Lake Filtration Plant
 - o SEQR Update
- Project, System Maintenance and Operational Updates

IV. MANAGER'S REPORT

V. NEW BUSINESS

- Approval of Operations Technical Assistance and SCADA Service Contract, Woodard and Curran, \$150,000
- Approval of Design and Assessment Services Proposal for Access Improvement for Winged Foot Tank Base, Woodard and Curran, \$46,950

VI. CONSIDERATION OF EXECUTIVE SESSION

VII. **DATE OF NEXT MEETING – TBD**

WESTCHESTER JOINT WATER WORKS Board of Trustees Meeting Wednesday, August 10, 2022 at 4:45 p.m.

Present:

- Trustees: Thomas Murphy (in-person) and Rich Dionisio (in-person)
- Lori Lee Dickson, General Counsel (in-person)
- Paul Kutzy, Manager (in-person)
- Frank Arcara, General Superintendent (via videoconferencing)
- Jacqueline Briggs, Assistant Civil Engineer (via videoconferencing)
- Zach Wasp, Assistant Civil Engineer (via videoconferencing)

Approval of Minutes

Trustee Dionisio made a motion to approve the minutes of the July 26, 2022 Board meeting. Trustee Murphy seconded the motion, all in favor:

Trustee Murphy "aye"
Trustee Dionisio "aye"
Trustee Elkind Eney Not Present

Financial Reports and Approvals

Trustee Murphy reviewed bank balances and highlighted significant claims to the Board, among them: Distribution System Materials (Pipe, Adapters, Copper Tubing, Hydrant Parts, Etc.) (Capitol Supply, Carmel Winwater and Ferguson), Payroll Costs, Sensus Water Meters and Meter Read Transmitters (Core & Main), Water Treatment Chemicals (Amrex, Carus and State of NY) and Pump Contractor Payment Purchase Booster Station (All Makes Pump & Motor).

Approval of Claims: Trustee Dionisio made a motion to approve 128 claims totaling \$700,716. Trustee Murphy seconded the motion, all in favor:

Trustee Murphy "aye"
Trustee Dionisio "aye"
Trustee Elkind Eney Not Present

General Administration:

No General Administration items to discuss at this time.

Old Business

• Rye Lake Filtration Plant:

- SEQR Update: Lori Lee Dickson, General Counsel, shared that WJWW consultants are still on track with their work related to the draft FEIS, which is expected to be presented for Board consideration this fall. Water quality infrastructure grant opportunities continue to be explored and monitored. WJWW is planning to submit applications in early September for the WIIA and IMG Grant Programs administered through the NYS Environmental Facilities Corporation (NYSEFC). The WJWW received a grant previously through the IMG program for its UV Facility.
- Project, System Maintenance and Operational Updates: Frank Arcara, General Superintendent, provided the following updates:
 - o Claflin Avenue (VOM): The work to replace a section of the water main has been completed at this location. ELQ will now be performing full-width paving of the road.
 - The WJWW crews performed 7 service line repairs and ELQ crews performed one hydrant replacement, as well as 3 service line renewals. The Operations Department took a total of 88 samples - all came back within normal ranges.

Manager's Report

No Manager's Report was needed at this time.

New Business

No New Business to discuss at this time.

Executive Session

No Executive Session was needed at this time.

Date of Next Meeting

The next Board of Trustees meeting is scheduled for Tuesday, August 23, 2022, at 4:45 p.m.

With no further business to discuss, Trustee Dionisio made a motion to adjourn the meeting. Trustee Murphy seconded the motion:

Trustee Murphy "aye"
Trustee Dionisio "aye"
Trustee Elkind Eney Not Present

The meeting adjourned at 4:58 p.m.

WESTCHESTER JOINT WATER WORKS REPORT OF BANK ACCOUNT BALANCES WITH WEBSTER BANK JANUARY 1, 2022 TO AUGUST 23, 2022

| 06/28/22 | 3,863,916 | | | | 5,851,617 | | | | | | | | |
|-------------------|--------------|--------------|--------------|--------------|-----------|---|----------|----------|--------------|--------------|--------------|--------------|-----------|
| 06/14/22 | 4,285,586 | 1,208,701 | 779,000 | 0 | 6,273,288 | | | | | | | | |
| 05/24/22 | 2,834,270 | 1,208,411 | 788,084 | 0 | 4,830,766 | - | | | | | | Ε | |
| 05/10/22 | 3,220,049 | 1,208,411 | 788,084 | 0 | 5,216,544 | | | | | | | 41 | |
| 04/26/22 | 4,709,768 | 1,208,270 | 788,048 | 0 | 6,706,086 | | | | | | | | |
| 04/12/22 | 3,774,682 | 1,208,270 | 785,048 | 0 | 5,768,000 | | | | | | | 0 | |
| 03/22/22 | 3,732,548 | 1,208,192 | 779,031 | 0 | 5,719,771 | | | | | | | | |
| 03/08/22 | 3,975,459 | 1,208,192 | 782,031 | 0 | 5,965,682 | | | | | | | | |
| 02/23/22 | 3,895,112 | 1,208,122 | 782,016 | 0 | 5,885,250 | | | 08/23/22 | 3,744,904 | 1,209,997 | 791,183 | 0 | 5,746,084 |
| 02/08/22 | 3,134,372 | 1,208,122 | 782,016 | 0 | 5,124,510 | | | 08/09/22 | 4,432,326 | 1,209,997 | 791,183 | 0 | 6,433,506 |
| 01/25/22 | 3,976,460 | 1,208,044 | 767,000 | 0 | 5,951,504 | | | 07/26/22 | 3,677,810 | 1,209,154 | 791,069 | 0 | 5,678,033 |
| 01/11/22 | 4,705,015 | 1,207,935 | 761,109 | 0 | 6,674,059 | | | 07/12/22 | 4,334,648 | 1,209,154 | 788,069 | 0 | 6,331,871 |
| Interest Rates | 0.0600 | 0.1400 | 0.0600 | 0.0300 | | | Interest | Rates | 0.1700 | 0.8200 | 0.1700 | 0.0000 | |
| ACCOUNT | GENERAL FUND | MONEY MARKET | CONSUMER DEP | CAPITAL FUND | TOTALS: | | | ACCOUNT | GENERAL FUND | MONEY MARKET | CONSUMER DEP | CAPITAL FUND | TOTALS: |

WESTCHESTER JOINT WATER WORKS CLAIMS LISTING FOR APPROVAL BY BOARD OF TRUSTEES TUESDAY, AUGUST 23, 2022

| DATE OF MEETING | 01/11/22 | 01/25/22 | 02/08/22 | 02/23/22 | 03/08/22 | 03/22/22 | 04/12/22 | 04/26/22 | 05/10/22 | 05/24/22 | 06/14/22 | 06/28/22 | 07/12/22 | 07/26/22 | 08/09/22 | TOTAL |
|--------------------------------|-----------|-------------|----------------------------------------------|-------------|-----------|-------------|-------------------------------------------------|-------------|-------------|-------------|-------------|-----------|-----------------------------------|-------------|-----------|--------------|
| TOTAL NUMBER OF CLAIMS: | 96 | 104 | 133 | 137 | 86 | 06 | 208 | 108 | 137 | 101 | 197 | 98 | 122 | 150 | 128 | 1894 |
| TOTAL NUMBER OF CHECKS: | 98 | 96 | 124 | 128 | 88 | 82 | 195 | 100 | 128 | 93 | 184 | 78 | 114 | 142 | 85 | 1724 |
| AMOUNT OF CLAIMS & CHECKS | \$869,822 | \$1,226,101 | \$869,822 \$1,226,101 \$1,500,962 \$1 | \$1,280,177 | \$368,781 | \$1,124,987 | \$1,912,840 \$1,546,750 \$2,011,634 \$1,211,571 | 1,546,750 | \$2,011,634 | \$1,211,571 | \$1,043,321 | \$499,996 | \$499,996 \$1,089,348 \$3,883,252 | \$3,883,252 | \$700,716 | \$20,270,258 |
| MAJOR CATEGORIES | | | | | | | | | | | | | | | | |
| PAYROLL & BENEFITS | \$137,355 | \$160,137 | \$139,627 | \$124,531 | \$132,752 | \$123,682 | \$195,751 | \$129,267 | \$132,872 | \$127,700 | \$202,246 | \$123,072 | \$133,789 | \$129,109 | \$138,426 | \$2,130,316 |
| CHEMICALS, MATERIALS, PARTS | \$14,114 | \$90,748 | \$131,173 | \$92,809 | \$74,186 | \$223,053 | \$203,123 | \$75,541 | \$227,802 | \$98,631 | \$180,612 | \$47,660 | \$95,710 | \$204,117 | \$305,153 | \$2,064,432 |
| PERMITS/INSURANCES | \$880 | \$8,756 | \$19,938 | \$163,945 | \$83,082 | \$91,899 | \$66,851 | \$17,190 | \$17,267 | \$175,874 | \$92,952 | \$6,182 | \$3,827 | \$112,484 | \$51,547 | \$912,674 |
| PROFESSIONAL/ENGINEERING/LEGAL | \$33,206 | \$19,133 | \$20,688 | \$57,539 | \$12,632 | \$31,581 | \$49,449 | \$76,990 | \$14,637 | \$47,637 | \$21,950 | \$35,523 | \$70,715 | \$37,417 | \$47,112 | \$576,209 |
| NYC WATER BOARD/UNITED WATER | \$538,468 | \$0 | \$0 | \$535,026 | \$0 | \$0 | \$559,108 | \$520,523 | \$0 | \$562,914 | \$0 | \$ | \$637,891 | \$982,715 | \$0 | \$4,336,645 |
| OFFICE & COMPUTER | \$19,398 | \$17,087 | \$14,618 | \$44,989 | \$17,814 | \$14,246 | \$46,859 | \$65,882 | \$9,896 | \$25,197 | \$74,422 | \$2,301 | \$8,463 | \$38,652 | \$6,186 | \$406,010 |
| UTILITIES & TELEPHONES | \$5,280 | \$6,092 | \$42,449 | \$41,416 | \$9,380 | \$3,670 | \$45,161 | \$52,836 | \$6,651 | \$34,085 | \$3,727 | \$4,314 | \$25,005 | \$44,190 | \$2,894 | \$327,150 |
| EMPLOYEE EDUCATION/EXPENSE | \$387 | \$1,800 | \$9,821 | \$5,147 | \$294 | \$0 | \$1,813 | \$625 | \$2,532 | \$1,077 | \$2,555 | \$1,593 | \$1,068 | \$440 | \$724 | \$29,876 |
| MEDICARE REIMBURSEMENTS | \$0 | \$ | \$ | \$ | \$19,110 | \$510 | \$0 | \$0 | \$ | \$0 | \$19,425 | \$ | \$0 | 0\$ | \$ | \$39,045 |
| CUSTOMER REFUNDS | 0\$ | \$215 | 0\$ | \$1,272 | \$ | \$728 | \$4,618 | \$0 | \$2,116 | \$4,985 | \$1,575 | \$5,741 | \$65 | 0\$ | \$23 | \$21,338 |
| BLDGS/GROUNDS IMPROVEMENTS | \$5,917 | \$8,963 | \$2,499 | \$3,126 | \$8,556 | \$8,408 | \$109,795 | \$4,353 | \$19,998 | \$6,392 | \$1,693 | \$5,361 | \$4,500 | \$4,240 | \$8,357 | \$202,158 |
| TAXES | \$34,487 | \$ | 0\$ | \$9,866 | \$0 | \$0 | \$68,964 | \$0 | \$9,019 | \$ | \$27,432 | \$ | \$ | œ | \$910 | \$150,678 |
| AUTHORIZATIONS | \$80,330 | \$225,298 | \$600,542 | \$200,511 | \$10,975 | \$627,210 | \$302,160 | \$115,367 | \$535,013 | \$127,079 | \$81,130 | \$268,249 | \$57,385 | \$893,201 | \$139,384 | \$4,263,834 |
| O/S CONTRACTORS | \$0 | \$210 | \$519,607 | \$0 | \$0 | \$0 | \$259,188 | \$424 | \$269,885 | \$ | \$333,602 | \$0 | \$50,930 | \$8,163 | \$ | \$1,442,009 |
| TOTAL CLAIMS/CHECKS | \$869,822 | \$538,439 | \$1,500,962 \$1,3 | \$1,280,177 | \$368,781 | \$1,124,987 | \$1,912,840 \$1,058,998 \$1,247,688 | \$1,058,998 | | \$1,211,571 | \$1,043,321 | \$499,996 | \$1,089,348 | \$2,454,728 | \$700,716 | \$16,902,374 |
| REIMB. FOR SEWER RENTS | \$0 | \$687,662 | \$ | \$0 | \$0 | \$0 | 0\$ | \$487,752 | \$0 | \$0 | \$0 | \$0 | \$0 | \$664,578 | \$0 | \$1,839,992 |
| DISTRIBUTIONS TO MUNIS | \$0 | \$0 | 0\$ | \$0 | \$0 | \$0 | \$0 | \$0 | \$763,946 | \$0 | \$0 | \$0 | \$0 | \$763,946 | \$0 | \$1,527,892 |
| GRAND TOTAL: | \$869,822 | \$1,226,101 | \$869,822 \$1,226,101 \$1,500,962 \$1, | \$1,280,177 | \$368,781 | \$1,124,987 | \$1,912,840 \$1,546,750 \$2,011,634 | \$1,546,750 | \$2,011,634 | \$1,211,571 | \$1,043,321 | \$499,996 | \$499,996 \$1,089,348 \$3,883,252 | \$3,883,252 | \$700,716 | \$20,270,258 |

| DATE OF MEETING | TOTAL | 08/23/22 | | TOTAL |
|--------------------------------|--------------------------|-------------|---|--------------|
| TOTAL NUMBER OF CLAIMS: | 1894 | 118 | | 2012 |
| TOTAL NUMBER OF CHECKS: | 1724 | 110 | | 1834 |
| AMOUNT OF CLAIMS & CHECKS | \$20,270,258 \$1,864,861 | \$1,864,861 | | \$22.135.119 |
| MAJOR CATEGORIES | | | | |
| PAYROLL & BENEFITS | \$2,130,316 | \$127,246 | | \$2 257 562 |
| CHEMICALS, MATERIALS, PARTS | \$2,064,432 | \$120,560 | | CS 184 999 |
| PERMITS/INSURANCES | \$912,674 | \$85,146 | | CC8 7008 |
| PROFESSIONAL/ENGINEERING/LEGAL | \$576,209 | \$33,436 | | \$609.645 |
| NYC WATER BOARD/UNITED WATER | \$4,336,645 \$1,219,790 | \$1,219,790 | | \$5,556,435 |
| OFFICE & COMPUTER | \$406,010 | \$9,722 | 7 | \$415 733 |
| UTILITIES & TELEPHONES | \$327,150 | \$56,009 | | 8383 150 |
| EMPLOYEE EDUCATION/EXPENSE | \$29,876 | \$2,301 | | 232 177 |
| MEDICARE REIMBURSEMENTS | \$39,045 | \$0 | | 839 045 |
| CUSTOMER REFUNDS | \$21,338 | \$614 | | 527 950 |
| BLDGS/GROUNDS IMPROVEMENTS | \$202,158 | \$10,412 | | \$212.570 |
| TAXES | \$150,678 | \$0 | | \$150.678 |
| AUTHORIZATIONS | \$4,263,834 | \$199,625 | | 84 463 459 |
| O/S CONTRACTORS | \$1,442,009 | \$0 | | \$1 442 009 |
| TOTAL CLAIMS/CHECKS: | \$16,902,374 | \$1,864,861 | | \$18,767,235 |
| REIMB. FOR SEWER RENTS | \$1,839,992 | \$0 | | \$1839.992 |
| DISTRIBUTIONS TO MUNIS | \$1,527,892 | \$0 | | \$1,527,892 |
| GRAND TOTAL: | \$20,270,258 \$1,864,861 | \$1,864,861 | | \$22,135,119 |

WESTCHESTER JOINT WATER WORKS GENERAL FUND ACCOUNTS TUESDAY, AUGUST 23, 2022

| CASH BALAN | CE IN WEBST | FR BANK | | | |
|--------------------------|------------------------|----------------------|-----------------|-----------------|----------------|
| 0, 1011 0, 12 111 | GENERAL I | | 8/1/2022 | \$ | 4,547,953.36 |
| | MONEY MA | | 8/1/2022 | \$ | 1,209,997.36 |
| | TOTAL: | | | \$ | 5,757,950.72 |
| NET ACTIVITY | /· EDOM 9/1/2 | 2022 TO 8/23/2022 | | | |
| NETACTIVIT | WEBSTER | | | \$ | (803,049.45) |
| | WEDOTER | D/ ((V) C | | <u>\$</u> \$ | (803,049.45) |
| CASH AVAILA | BLE TO PAY | CLAIMS: | | • | (000,01010) |
| | GENERAL F | FUND: | 8/23/2022 | \$ | 3,744,903.91 |
| | MONEY MA | RKET | 8/23/2022 | \$ \$ \$ | 1,209,997.36 |
| | TOTAL: | | | \$ | 4,954,901.27 |
| LESS: | UNAPPROV | /ED CLAIMS: | | \$ | (1,741,477.84) |
| | OUTSTAND | ING CHECKS PR | IOR PERIODS: | \$ | (1,189,190.87) |
| CASH BALAN | | YING CLAIMS: | | \$ | 2,024,232.56 |
| CLAIMS PAYA | ABLE: | | | | |
| DATE | EDOM | TO | | | |
| <u>DATE</u> 11-Aug-22 | <u>FROM</u> 2208088 | <u>TO</u> 2208104 | | \$ | 100,815.57 |
| Check Nos. | 65543 | 65559 | | _Ψ_ | 100,613.37 |
| 17-Aug-22 | 2208105 | 2208176 | | \$ | 1,521,379.81 |
| Check Nos. | 65560 | 65631 | | | 1,021,070.01 |
| 18-Aug-22 | 2208182 | 2208200 | | \$ | 119,282.46 |
| Check Nos. | 65632 | 65650 | | | |
| TOTAL CLAIM | IS PAYABLE: | | | \$ | 1,741,477.84 |
| PAYROLL CL | AIMC | | | | |
| (ZERO BALAN | | G ACCOUNT) | | | |
| DATE | FROM | TO | | | |
| 6-Aug-22 | 2208083 | 2208087 | | \$ | 61,979.74 |
| Check Nos. | 2229 | 2229 | | | |
| 13-Aug-22 | 2208177 | 2208181 | | \$ | 61,403.45 |
| Check Nos. | 2230 | 2230 | | | 51 |
| TOTAL PAYRO | OLL CLAIMS: | | | \$ | 123,383.19 |
| | | | | | |
| TOTAL ALL C | LAIMS: | | | \$ | 1,864,861.03 |
| | | | | | |
| Prepared by: | | | David Birdsall, | Business | Director |
| Submitted by: | | | David Birdsall, | Business | Director |
| Approved by: | He gray | | Thomas A. Mu | | irperson |
| | | | Board of Trust | ees | |

002208190 JOHNSON CONTROLS SECUR

VB REFERENCE VENDOR NAME..... AMOUNT DUE DESCRIPTION 002208105 AIRGAS, INC 244.82 (13) CYLINDERS LEASE 002208106 AIRGAS, INC 109.11 (2) PROPANE INDUSTRIAL 3,862.48 7/25/22 P/E PROCESSING CHARGES, IMPLEMENTATION CHA 002208182 ADP, INC. 002208107 ACTION REMEDIATION CO 1,363.00 7/25/22 FLUOROSILCATE, REPLACEMENT DRUMS/RYE LAKE 002208108 ASAP INC 684.83 7/13-7/26/22 (3) SHIPMENTS ANALYTICAL SERV, DENORA 002208109 B & A AUTOMOTIVE INC 41.90 7/28/22 19 FORD EXPLORER WIPER BLADES 002208110 B & A AUTOMOTIVE INC 287.40 7/15/22 16 FORD ESCAPE FILTERS, OIL CHANGE, TIRES 002208111 B & A AUTOMOTIVE INC 145.00 7/25/22 20 FORD TRANSIT CONNECT NOISE R.R. 002208112 B & A AUTOMOTIVE INC 146.79 7/29/22 15 FORD F350 SD INSPECTION, LIGHT, WIPER 002208088 CABLEVISION LIGHTPATH, 1,445.06 8/1/22-8/31/22 INTERNET MAMARONECK AVE OFFICE 002208113 BRYAN CAVE 7,740.00 A1364 JOINT RYE LAKE FILTRATION FACILITY JUNE 2022 002208114 C.E.T. PAINTING 1,800.00 6/27/22 EPOXY FLOOR COATING/PURCHASE BOOSTER ST 310.00 JUNE 2022 (31) MUD PLUG 002208089 CAPITOL SUPPLY CONSTR 2,100.00 (40) 5/8 X 50 GARDEN HOSE/WATER MAINS 002208115 CARMEL WINWATER WORKS 002208116 CARMEL WINWATER WORKS 17,700.00 (1200) SOFT COPPER FOR INVENTORY 002208117 CARMEL WINWATER WORKS 3,549.00 CURB STOP, BALL CORP, PLUG AWWA FOR SERVICE 002208118 CARMEL WINWATER WORKS 22,380.00 4",6",8" US PIPE OL MJ GATE VLV FOR INVENTORY 002208119 CARMEL WINWATER WORKS 2,340.00 (12) 2X36 RED BRASS NIP FOR INVENTORY 002208120 CARMEL WINWATER WORKS 11,210.00 FOSTER ADPT, MEGALUG, VLV BOX, CURB BOX/INVENTORY 002208090 CENTURY BUILDING SERVI 2,019.73 JULY 2022 CLEANING SERVICES, (2) WINDOWS WASHED 002208121 CITY OF YONKERS 5,157.00 OCTOBER 2021 MONTHLY BACTERIOLOGICAL SAMPLES 002208122 CONCRETE EXPRESS OF NY 29,600.00 A1383 T/H WEST ST & AVONDALE WATER MAIN; ROAD REPAI 002208183 CONCRETE EXPRESS OF NY 23,155.00 A1383 T/H WEST ST & AVONDALE RD WATER MAIN; R-D REP 002208123 CON EDISON -PRV DISTR 175.40 7/6/22-8/4/22 ELECTRICITY 850 SNDERSON HL PRV 002208124 CON EDISON -PRV DISTR 275.54 7/6/22-8/4/22 ELECTRICITY 901 LAKE ST PRV 002208184 CON EDISON -PRV DISTR 73.08 7/8/22-8/5/22 ELECTRICITY 1000 WESTCHESTER AVE 002208125 CORE & MAIN LP 3,935.46 (2) OMNI 3 C2 100CF 17L 002208126 CORE & MAIN LP 5,454.00 (24) SRII-NL3/4 ECR / DM 002208127 COYNE CHEMICAL CO., IN 9,178.56 (48) ACCUTABS WEAVER ST PLANT 002208091 KARL R ANDERSEN 457.28 REIMBURSEMENT PAYM B&M TOWING STOLEN FORD EXPL 002208092 FEDERAL EXPRESS CORP. 157.27 7/19/22-7/25/22 (4) SHIPMENTS NUCO P, HACH COM 002208128 FEDERAL EXPRESS CORP. 150.42 8/8/22-8/9/22 2 SHIPMENTS BATCHING DEPT, JCI JONES 002208129 FERGUSON ENTERPRISES, 42,567.04 JO2206 BROADVIEW SUNY PURCHASE MNTR CVR COMP, PIT 002208093 SAM FANELLI INC. 1,227.79 7/26 & 8/8 (206.66) GALS OF DIESEL 002208094 NOA FURMAN 320.56 CREDIT REFUND CUST#204199004413/FINAL BILL PAID TW 002208130 GLOBAL MONTELLO GROUP 1,897.51 6/30/22 (400) GALS OF DIESEL 002208131 GLOBAL MONTELLO GROUP 485.81 7/25/22 (125.1) GALS OF DIESEL 002208132 GRAINGER 1,378.20 ADAPTER, PLUG, TUBING, GOVES/DISTRIBUTIONS 002208185 GREATAMERICA FINANCIAL 232.22 8/1/22-8/31/22 C8045 COPIER XEROX AGREEMENT 002208133 HACH COMPANY 1,228.02 REAGENTS FOR PLANTS 002208134 HAZEN AND SAWYER, P. C 44,743.20 A1364 JOINT RYE LAKE FILTRATION FACILITY JUNE 2022 002208135 H2M ARCHITECTS + ENGIN 11,206.66 A1375&A1382 JOINT PURCHASE WTR STORAGE TANK 1&2 002208136 H2M ARCHITECTS + ENGIN 7,815.00 A1375&A1372 JOINT PURCHASE WTR STORAGE TANK 1 & 2 002208137 H2M ARCHITECTS + ENGIN 5,732.85 A1352 JOINT RYE LAKE UV FACILITY 002208138 HOME DEPOT 361.85 JULY 2022 BILLING EL TAPE, MECH SET, HARDBOARD, USB 1,824.90 6/28/22 RYE LAKE STATION UNIT 2/YEARLY 2H LOAD BAN 002208139 HUNTINGTON POWER 002208140 HUNTINGTON POWER 1,824.90 7/29/22 RYE LAKE STATION UNIT 1 YEARLY 2 H LOAD BA 1,824.90 6/28/22 RYE LAKE STATION UNIT 3 YEARLY 2H BANK TE 002208141 HUNTINGTON POWER 002208186 HUNTINGTON POWER 13,505.00 (1) MLT6SKDS MOBILE LITE TOWER/DISTRIBUTION 10,950.00 (30) 150LB CYLINDER CHLORINE/RYE LAKE 002208187 JCI JONES CHEMICALS, I 002208142 THE JOURNAL NEWS 3,196.00 6/24/22-7/1/22 8 RUNS NOTICE TO CONTRACTORS 002208188 JOHNSON CONTROLS SECUR 26.54 6/15/22 PARK LANE TANK SERVICE BURGLAR ALARM 002208189 JOHNSON CONTROLS SECUR 780.70 5/1/22-7/31/22 BURGLAR ALRM MONIT/687 WEAVER ST

813.13 05/01/22-7/31/22 PARK LN TANK BURGLAR ALARM MONIT

VB REFERENCE VENDOR NAME..... AMOUNT DUE

DESCRIPTION

| _ | | | | |
|---|-----------|-----------------------------------|------------|----------------------------------------------------------------------------------|
| | 002208143 | JT ROSELLE | 1.70 | ELECTRICAL SUPPLY |
| | 002208144 | K.R.B.VAC & JANITORIAL | 617.50 | JULY 2022 MISC ITEMS FOR ALL LOCATIONS |
| | | LANZA'S ELECTRICAL CON | | A1387 JOINT PURCHASE BOOSTER STATION PRV MODIF |
| | 002208146 | LANZA'S ELECTRICAL CON | 13,100.00 | A1387 JOINT PURCHASE BOOSTER STATION PRV MODIF |
| | 002208147 | LAMB & BARNOSKY, LLP | | JUNE 2022 PROFESSIONAL SERVICES |
| | 002208148 | W.B. MASON CO.INC. | 2,963.36 | JULY 2022 OFFICE SUPPLIES USB, PAPER, TONER, BINDE |
| | 002208095 | MATRIX IMAGING SOLUTIO | | JULY 2022 BASE, ADDITIOANL PAGES & ACS CHARGES |
| | 002208096 | MCI COMM SERVICE | 40.04 | JULY 22 OFFICE PHONE LONG DISTANCE SERVICE |
| | 002208149 | MOBILE MINI, INC | 360.00 | 7/11-8/7/22 (2) 20' TRI CAM CONTAINERS |
| | 002208191 | MOBILE MINI, INC | 380.00 | 8/8/22-9/4/22 TRI CAMERA CONTAINER (2) |
| | 002208192 | GEORGE J.MOTTARELLA | 400.00 | A1364 JOINT RYE LAKE FILTRATION FACILITY/7/27/22 |
| | 002208097 | MCCARTHY FINGAR LLP | 5,000.00 | SEPTEMBER 2022 PROF SERVCES /ANNUAL RETAINER |
| | 002208150 | MCCARTHY FINGAR LLP | 5,125.50 | A1364 JOINT RYE LAKE FILTRATION FACILITY JULY 2022 |
| | 002208151 | NELSON POPE VOORHIS | 6,954.75 | A1364 JOINT RYE LAKE FILTRATION FACILITY |
| | | STATE OF NEW YORK | 83,946.10 | SEPTEMBER 2022 DEPT OF CIVIL SERVICES |
| | | NY POWER AUTHORITY | | JULY 2022 ELECTRIC POWER ALL LOCATION |
| | | NYC WATER BOARD | 439,986.69 | JUNE 2022 RYE LAKE BL90100,LOT833,METER7909 |
| | | NYC WATER BOARD | | JUNE 2022 SHAFT 22 BLOCK 90100,LOT1270,METER9940 |
| | | NYC WATER BOARD | | JUNE 2022 EXCEES P/CAPITA V/LARCHMONT LOT1270 |
| | | NYC WATER BOARD | | JUNE 2022 EXCESS P/CAPITA WJWW LOTS1270&833 |
| | | PARACO GAS | | 7/15/22 (234.7) GALS PROPANE PIPELINE HEAT 830LAKE |
| | | PERFECTION PLUS | • | JULY 2022 BARRY AVE & MAMARONECK AVE SERVICES |
| | | PERFECTION PLUS | · · | JULY 2022 GROUND MAINTENANCE AT VARIOUS LOCATIONS |
| | | PITNEY BOWES BANK INC | | JUNE 2022 POSTAGE ACCOUNT PURCHASE POWER |
| | | READY REFRESH BY NESTL | | 7/15/22-8/14/22 POLAND SPRING WATER |
| | | RICHARD W TOBIN S & H UNIFORMS | | 2/7-4/4/22 CERTIFICATION COURSE GRADE D WATER OPER |
| | | SPRAGUE OPERATING RESO | | POCKET TEE, CARGO PANT, POCKET TEE/KARL & PHIL C. 7/27/22 (228) GALS OF GASOLINE |
| | | SPRAGUE OPERATING RESO | | 8/4/22 (400) GALS OF GASOLINE |
| | | SPRAGUE OPERATING RESO | | 8/10/22 (250) GALS OF GASOLINE |
| | | ANN SACCHETTI | | CUST REFUND 218098113283 OVERPAYMENT ON ACCOUNT |
| | | TOTAL TECHNOLOGY SOLUT | | AUGUST 2022 ESP MANAGED SERVER AND DESKTOP |
| | | TOWN/VILLAGE OF HARRIS | - | JULY 2022 ROAD OPENING PERMITS |
| | 002208166 | | | BLACK WIRE SHELVING, CADILLAC MAT/PURCHASE BOOSTER |
| | 002208196 | U LINE | | GLOVE DISPENSER, FIRST AID KIT, HAZMAT PADS |
| | 002208100 | USA BLUE BOOK/UTILITY | | (1) 35" TRENCH COVER, (1) PEDESTRIAN TRENCH COVER |
| | 002208101 | | | 8/4/22-9/3/22 INTERNET & PHONE WEAVER ST. PLANT |
| | 002208102 | VERIZON | 165.96 | 8/2/22-9/1/22 INTERNET & PHONE INTERNET & PHONE |
| | 002208103 | VERIZON | 52.50 | 8/2/22-9/1/22 PURCHASE ST INTERNET & TELEPHONE |
| | 002208167 | VERIZON | 52.65 | 8/6/22-9/5/22 LAKE ST PLANT PHONE |
| | 002208168 | VERIZON | 235.37 | 8/7/22-9/6/22 PURCHASE ST INTERNET & TELEPHONE |
| | 002208197 | VERIZON | 219.75 | 8/13/22-9/12/22 FAX LINE OFFICE |
| | 002208198 | | 201.99 | 8/11/21-9/10/22 ALARM LINE OFFICE |
| | 002208169 | VERIZON BUSINESS FIOS | | 8/1/22-8/31/22 RYE LAKE PHONE & INTERNET BUNDLE |
| | | VERIZON BUSINESS FIOS | | 8/6/22-9/5/22 PHONE LINE FOR GENERATOR |
| | | VERIZON WIRELESS | | 7/27/22-8/26/22 EMPLOYEE MOBILE PHONES |
| | | VINCENT PIT STOP, INC | | 7/4-7/22/22 GASOLINE |
| | | VINCENT GARAGE, INC | | 7/21/22 GASOLINE |
| | | VITOLITE ELECTRIC SALE | | A1387 JOINT PURCHASE BOOSTER STATION PRV MODIF |
| | | VITOLITE ELECTRIC SALE | | A1387 JOINT PURCHASE BOOSTER STATION PRV MODIF |
| | | WEST.CTY.DEPT.HEALTH | | PETROLIUM BULK STORAGE APPL/WCDOH PERMIT |
| | | WEST CTY DEPT OF LABS | | JUNE 2022 LABORATORY WATER ANALYSIS |
| | | WASP ENGINEERING GROUP | | 8/1-8/13/22 PROF TECH OVERSIGHT SERVICES/GARAGE |
| | 0022001/6 | XYLEM DEWATERING SOLUT | 1,125.00 | A1387 JOINT PURCHASE BOOSTER STATION PRV MODIF |
| | | | | |

VB REFERENCE VENDOR NAME..... AMOUNT DUE DESCRIPTION 1,741,477.84 09 002208083 STERLING NATIONAL BANK 16,247.48 #32 P/E 8/06/22 FEDERAL PAYROLL TAXES WITHHOLDING 16,147.15 #33 P/E 8/13/22 FEDERAL PAYROLL TAXES WITHHOLDING 09 002208177 STERLING NATIONAL BANK 09 002208084 NYS DEFERRED COMPENSAT 3,021.01 #32 P/E 8/06/22 NYS DEFERRED COMP 09 002208178 NYS DEFERRED COMPENSAT 2,616.62 #33 P/E 8/13/22 NYS DEFERRED COMP 09 002208085 NYS INCOME TAX 3,008.88 #32 P/E 8/06/22 NYS PAYROLL TAXES WITHHOLDING 09 002208179 NYS INCOME TAX 2,988.70 #33 P/E 8/13/22 NYS PAYROLL TAXES WITHHOLDING 09 002208086 PAYROLL 39,209.50 #32 P/E 8/06/22 PAYROLL SUMMARY 09 002208180 PAYROLL 39,158.11 #33 P/E 8/13/22 PAYROLL SUMMARY 09 002208087 UTILITY WORKER UNION L 492.87 #32 P/E 8/06/22 UNION DUES 09 002208181 UTILITY WORKER UNION L 492.87 #33 P/E 8/13/22 UNION DUES ** 123,383.19

1,864,861.03

[405] 118 items listed out of 27568 items.

For Billings As Of: 8/18/2022 For Cash Received As Of: 8/18/2022

| City of New Rochelle | No Tax Levy | Overdue | Balance | (1,103) | (1,317) | (1,087) | (1,245) | (296) | | 171 | (471) | 286 | 130 | | 394 | 792 | 57 | 876 | 592 | 1, | 626 | 1,453 | 1,425 | 1,877 | 889 | 1,356 | 1,410 | 1,831 | 1,780 | 2,224 | 472 | 472 | 173 | (106) |
|--------------------------|-----------------------------------------------|----------|---------|------------|------------|------------|------------|------------|-----------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|-------------|-----------|-----------|-----------|------------|----------|
| City | No T | # of | Accts | | 5 \$ | 1 | 5 | 2 2 | | 2 | 2 | \$ 6 | \$ 2 | Н | 5 \$ | | 2 | 2 | | 10 \$ | | 2 \$ | 2 2 | | 5 | 10 \$ | 2 | 4 \$ | 4 \$ | 4 | 3 \$ | 4 \$ | 4 | c |
| City of Rve | No Tax Levy | Overdue | Balance | \$ 15,858 | \$ 11,124 | \$ 10,170 | \$ 7,854 | \$ 10,796 | \$ 10,594 | \$ 8,021 | \$ 9,387 | \$ 9,057 | | 12,944 | 14,444 | | \$ 18,245 | \$ 13,302 | \$ 20,262 | | | \$ 14,182 | \$ 19,302 | \$ 18,235 | \$ 10,879 | \$ 9,197 | \$ 10,175 | \$ 10,217 | \$ 10,209 | \$ 9,164 | \$ 10,436 | 11 | \$ 7,518 | 40000 |
| O | No T | Jo# | Accts | 31 | 56 | 19 | 14 | Н | \dashv | 16 | 24 | 22 | \vdash | 15 | 20 | | 35 | 14 | 43 | Н | 17 | 19 | Н | Н | \dashv | 34 | 49 | 17 | 23 | 16 | 10 | 24 | 20 | 000 |
| Town/Village of Harrison | Tax Levy October Arrears of Sept 30 | Overdue | Balance | | \$ 540,133 | \$ 499,669 | \$ 315,613 | \$ 313,927 | | \$ 296,698 | \$ 283,630 | \$ 266,253 | \$ 324,927 | \$ 369,624 | \$ 357,538 | \$ 304,571 | \$ 301,319 | \$ 362,444 | | \$ 328,157 | \$ 270,487 | \$ 277,500 | \$ 246,812 | | \$ 101,537 | \$ 331,629 | \$ 331,629 | \$ 41,298 | \$ 34,736 | \$ 42,972 | \$ 49,494 | \$ 27,126 | \$ 73,040 | 10,000 |
| Town/ Ha | Ta Oc Arrears | # of | Accts | \vdash | 447 | 333 | 661 | 404 | \dashv | 479 | 437 | | \vdash | 450 | 368 | 450 | 455 | 575 | \dashv | - | 410 | 209 | 434 | | | 503 | 503 | 348 | 582 | 378 | 526 | - | 320 | 000 |
| Town of Mamaroneck | Tax Levy November Arrears of Oct 31 | Overdue | Balance | \$ 28,754 | \$ 10,975 | \$ 13,729 | \$ 2,368 | \$ 14,011 | | \$ 12,464 | \$ 6,231 | \$ 18,325 | | \$ 33,392 | \$ 27,953 | \$ 35,815 | \$ 21,974 | \$ 33,537 | \$ 38,180 | | \$ 40,559 | \$ 50,199 | \$ 36,704 | \$ 50,086 | \$ (33,858) | \$ (11,599) | \$ 25,494 | \$ (6,157) | \$ (11,559) | \$ 6,959 | \$ 8,554 | | \$ 38,867 | 0000 40 |
| To | Tax Nov Arrears | Jo# | Accts | 152 | 86 | 122 | 98 | 143 | 100 | 139 | 102 | 235 | 102 | 142 | 107 | 168 | 106 | 180 | 190 | 307 | 190 | 232 | 138 | 237 | 139 | 357 | 253 | 129 | 99 | 112 | 81 | 95 | 118 | 0 |
| Village of Mamaroneck | ax Levy April rs of Dec 31 | Overdue | Balance | \$ 125,359 | \$ 142,086 | \$ 134,671 | \$ 128,865 | \$ 81,094 | - 1 | \$ (14,998) | \$ 6,124 | \$ 1,953 | | | \$ 36,597 | \$ 24,668 | \$ 37,746 | \$ 34,122 | \$ 107,046 | \$ 76,731 | \$ 116,837 | \$ 75,512 | \$ 111,628 | | \$ 116,531 | \$ 97,418 | \$ 105,939 | \$ 14,189 | \$ 22,734 | \$ 19,537 | \$ 26,479 | \$ 43,709 | \$ 44,921 | 11 070 |
| Vil | Tax Aț Arrears | Jo# | Accts | 263 | 362 | 268 | 195 | 176 | 294 | 223 | 397 | 331 | 242 | 211 | 313 | 232 | 341 | 308 | 490 | 356 | 552 | 407 | 514 | 432 | 468 | 389 | 602 | 157 | 193 | 131 | 154 | 1305 | 193 | , 00 |
| | Total Balances Over 60 Days | | | \$ 681,554 | \$ 703,002 | \$ 657,152 | \$ 453,456 | \$ 419,532 | | \$ 302,356 | \$ 304,900 | \$ 295,873 | \$ 378,182 | | \$ 436,926 | \$ 379,617 | \$ 379,340 | \$ 444,281 | | | \$ 444,223 | \$ 418,847 | \$ 415,871 | \$ 383,458 | \$ 195,777 | \$ 88,568 | \$ 423,658 | \$ 61,378 | \$ 57,899 | \$ 80,856 | \$ 95,436 | | \$ 164,519 | 1000 |
| | Total # of Accts Over 60 Days | | | 814 | 941 | 748 | 961 | 742 | 805 | 864 | 965 | 944 | 688 | 822 | 841 | 873 | 942 | 1,082 | 1,188 | 1,109 | 1,173 | 1,174 | 1,143 | 1,088 | 1,244 | 1,293 | 1,504 | 655 | 871 | 642 | 477 | 477 | 655 | 0.1 |
| | Percentage of Receivable Balance Over 60 Days | , | | 43% | 39% | 46% | 762 | 29% | 24% | 20% | 19% | 22% | 17% | 14% | 14% | 18% | 12% | 13% | 18% | 19% | 70% | 78% | 31% | 39% | 13% | 23% | 19% | 4% | 4% | 2% | 7% | 3% | %9 | 700 |
| | Date | | | 02/05/21 | 02/19/21 | 03/04/21 | 03/18/21 | 04/09/21 | 04/23/21 | 05/07/21 | 05/20/21 | 06/03/21 | 06/17/21 | 07/09/21 | 07/21/21 | 08/04/21 | 08/19/21 | 09/16/21 | 10/20/21 | 11/08/21 | 11/19/21 | 12/10/21 | 12/22/21 | 12/31/21 | 01/20/22 | 02/03/22 | 02/18/22 | 05/05/22 | 05/19/22 | 06/09/22 | 07/06/22 | 07/22/22 | 08/05/22 | 00/07/00 |

COMMITMENT & INTEGRITY DRIVE RESULTS

Woodard & Curran Engineering and Geological Services P.A. P.C. 800 Westchester Avenue | Suite N507 Rye Brook, New York 10573 www.woodardcurran.com T 800.807.4080 T 914.448.2266 F 914.448.0147

August 4, 2022



Paul Kutzy, P.E., Manager Westchester Joint Water Works 1625 Mamaroneck Ave Mamaroneck, NY 10543

Re: Operations Technical Assistance and SCADA Service Contract

Dear Mr. Kutzy:

Woodard & Curran Engineering and Geological Services P.A. P.C. is pleased to provide the Westchester Joint Water Works (WJWW) with this proposal to continue to assist WJWW with ongoing Operations Technical Assistance including SCADA service and optimization for 2022. In anticipation of a similar amount of ongoing work, we have left the contract essentially the same as the previous contract with the exception of including 1) the expected SCADA yearly software fees (4th bullet below, approximately \$11,100), and 2) the inclusion of the work to implement the redundant communication capabilities at the main SCADA sites (8th bullet below, \$57,200). The inclusion of these items increase the overall increase the contract amount from our last authorization of \$95,000 to \$150,000. Below please find our Scope of Services and Project Budget.

I. SCOPE OF SERVICES

Under this Contract, Woodard & Curran proposes to perform the following as-needed tasks:

- Coordination with WJWW contractors on new equipment installation and SCADA integration;
- SCADA antenna and startup services (TCS Communications Corp.);
- Requested SCADA equipment purchases
- SCADA yearly software fees; for GE, WIN911, XLReporter and Network Security Licenses
- SCADA reporting changes;
- SCADA trend adjustments and data display optimization;
- SCADA trending modifications for operational efficiency and accuracy;
- Change PLC's and programming required for redundant communications using VPN at Weaver, Purchase and Rye Lake. This item includes the implementation labor only to perform the following tasks:
 - a. Specify and procure new PLC equipment with the capability for redundant communication for the following:
 - i. Weaver Street Pump Station control panel
 - ii. Purchase Street Pump Station control panel
 - iii. Rye Lake Pump Station and Chemical Feed control panels
 - b. Perform the following implementation tasks:
 - i. Control panel re-design and update AutoCAD drawings
 - ii. Configure and program new PLC's and existing OIT's
 - iii. Program polling redundant communications for automatic failover between radio and VPN
 - iv. Configure existing firewalls and switches to accommodate redundant communication paths
 - v. Install new PLC equipment in the existing control panels



- vi. Test functionality, perform startup, and train operations staff
- vii. Finalize as-built drawings and documentation
- Assistance with SCADA components and operational support for capital upgrade projects;
- Implementation of recommended reporting and SCADA use optimization practices;
- Miscellaneous hardware updates, adjustments, replacements, consultation and servicing;
- System hydraulics investigation and analyses;
- Sampling plan and mapping updates;
- Research and advice on regulatory, system operations, and engineering issues;
- Engineering design and permitting for system upgrades;
- Miscellaneous additional as-needed services as requested by WJWW; and
- SCADA System Improvement Plan Development, including:
 - Updated assessment of software, network, and PLC's
 - Development of recommended future improvements and system modernizations
 - Block diagrams for existing and proposed conditions
 - Implementation schedule and budgetary estimates
- Yearly Software fees:
 - o GEiFix
 - o WIN911
 - XLReporter
 - Remote Access (Firewalls, Switches and MFA)

The nature and timing of requests for as-needed assistance varies and is typically in response to new or changing system conditions. While requests for as-needed assistance will proceed within the authorization of this proposal, to provide WJWW with a level of budget awareness for requested activities, we will respond to those requests for as-needed assistance for activities over approximately \$2,500 in effort via email with an acknowledgement of the request, estimated schedule, and level of effort. Minor activities where the level of effort is below this will proceed as requested by WJWW. If any requests for assistance are more significant than can be handled through this contract, we will inform you and seek separate budget authorization.

II. EXCLUSIONS / ASSUMPTIONS

• All electrical and networking installations are to be completed by others.

III. PROJECT BUDGET

Woodard & Curran proposes to perform the tasks in the aforementioned Scope of Services in accordance with the July 17, 2020 Terms and Conditions between WJWW and Woodard & Curran. Billing will be prepared on a Time & Materials (T&M) basis in accordance with the current Woodard & Curran standard rate table in effect at the time of service not to exceed **\$150,000**. Woodard & Curran will provide the WJWW a written update on the budget status and ongoing requests on a monthly basis.

We appreciate the opportunity to provide this proposal for your consideration. If you have any questions, please do not hesitate to contact me at (914) 246-2931 or Paul Couture at (401) 484-6106.



Sincerely,

WOODARD & CURRAN ENGINEERING AND GEOLOGICAL SERVICES P.A. P.C.

Date

Anthony C. Catalano, P.E., BCEE Principal

cc: Steven Robbins

SEEN AND AGREED:

Paul G. Couture, PMP Senior Project Manager

Woodard & Curran Engineering and Geological Services P.A. P.C. 800 Westchester Avenue Suite N507 Rye Brook, New York 10573

www.woodardcurran.com

T 800.426.4262 T 914.448.2266 F 914.448.0147



Via Electronic Mail

August 5, 2022

Frank Arcara Westchester Joint Water Works 1625 Mamaroneck Ave Mamaroneck, NY 10543

Re: Access Improvement for Winged Foot Tank Base

Dear Frank:

Please find the below proposal for the Access Improvement for Winged Foot Tank Base. The Scope has been defined as the design for a three foot wide, eight foot high roll up door.

For the development of the design for the additional access to the base of the 750 MG Winged Foot Hydropillar base the Engineer must develop a detailed engineering analysis of the tank.

The Scope is defined as these items:

- 1. Woodrad & Curran will retain Tank Industry Consultants to perform a tank evaluation and full condition assessment which will be the basis of the analysis and the foundation of the structural design
- 2. Woodard & Curran and Tank Industry Consultants will provide a structural analysis and design the opening for the door including new structural modifications to the fluted column base of the hydropillar. If foundation modifications are required, Woodard and Curran will provide design drawings.
- 3. Provide specifications for the roll-up door and drawings meeting Ten State Standards.

The fee is outlined below by Woodard and Curran including the cost of Design and Assessment Services by Tank Industry Consultants:

| Tank Modification Design | \$34,950 |
|-------------------------------------------------------------|----------|
| Tank Assessment | \$5,000 |
| Structural Analysis and Design | \$29,950 |
| Allowance for Meetings, Coordination, and Foundation Design | \$12,000 |
| Total Budget | \$46,950 |

Work will be invoiced on a progress billing basis as a percentage of completion for work by Tank Industry Consultants and on a Time and Materials (as-needed) basis for the fee allowance



for Woodard & Curran. Work will be conducted in accordance with the July 14, 2020 Terms and Conditions for engineering services between WJWW and Woodard & Curran.

Assumptions:

- WJWW can provide the original geotechnical reports from the construction to the Engineer to develop the analysis, if foundation modifications are required.
- No submittal will be made to Westchester County Department of Health.
- WJWW will procure contractors to complete the modification directly.
- No front end procurement specifications will be required.
- All construction oversight will be provided by WJWW staff.

Thank you for the opportunity to assist WJWW with this project..

Sincerely,

WOODARD & CURRAN ENGINEERING AND GEOLOGICAL SERVICES P.A. P.C.

Steven C. Robbins, P.E., LEED AP

Steve C. Pelles

Technical Manager

Anthony C Catalano, P.E., BCEE

Vice President

Paul Brandt CC:

PN: 0214796 Access Improvement for Winged Foot Tank Base