

TOWN OF NORTH CASTLE

WATER & SEWER DEPARTMENT 15 Business Park Drive Armonk, New York 10504



Sal Misiti Director of Water & Sewer Operations <u>smisiti@northcastleny.com</u> <u>watersewer@northcastleny.com</u> **www.northcastleny.com** 914-273-1882 Fax-914-273-3075 American Water Works Association N.Y. Rural Water Association N.Y. Water Environment Association Westchester Water Works Conference

## MEMORANDUM

To: Supervisor Schiliro & North Castle Town Board

From: Sal Misiti

Date: July 1, 2015

Cc: Joan Goldberg, Town Administrator

 Re: North Castle Water District No.2 Distribution System Replacement Project
 Bilotta Construction Corporation Payment Application No. 12

The following is a request for authorization of Payment Application No.12 to Bilotta Construction Corporation, for the above referenced project in the amount of \$755,345.38 which is the amount earned this pay period less a 5% retainage.

Our consultants for the project GHD Engineering have reviewed the attached documentation and approved the associated work provided by the contractor.

I have reviewed the attached documentation and the work provided thus far. I concur with our consultant and hereby respectfully request that the Board authorize the Supervisor to sign the Payment Application No.12 and approve payment.

Cc: Joseph Awald, P.E., GHD Denise Oakley, Comptroller w/certified payrolls

SM:sm Attachment

WD2Dist.Sys.Bilotta.Payapp.12.doc

Serving ~Armonk, No. White Plains, Quarry Heights, Whippoorwill, Windmill Farm



June 30, 2015

Mr. Sal Misiti Director of Water & Sewer Operations North Castle Water & Sewer Department 15 Business Park Drive Armonk, NY 10504

Re: Application and Certificate for Payment No. 12 Town of North Castle Water District No. 2 Water Distribution System Replacement GHD No. 8616265.21

Dear Mr. Misiti:

Enclosed are two copies of the Application and Certificate for Payment No. 12 for your consideration. We have reviewed and recommend the Application and Certificate for Payment for the indicated amount of \$755,345.38.

Additional work, installation of an anti-seep collar, needs to be completed with the water main installation along the "Service Easement" connecting to Windmill Road. If this work is not completed, the cost of this work shall be deducted from the project retainage at the end of the project.

Please call if you have any questions.

Sincerely,

GHD CONSULTING SERVICES INC.

Joseph B. Áwald, P.E. Project Manager

JBA/mrv Attachment Copy to: Antoinette Bilotta, Bilotta Construction Corp. (w/o enc.) Kevin Castro, P.E., GHD (w/o enc.) Jan Salzman, P.E., GHD (w/o enc.)

G \86\16265\WP\Letters\2015\Misiti-06-30-15-JBA-PayApp12.docx

| To<br>To<br>DOCUMENTS, JOINT CASTLE<br>(Owner)<br>Project: WATER DISTRIBUTION SYSTE<br>Owner's Contract No.: 1<br>Owner's Contract No.: 1<br>Applie<br>Approved Change Orders<br>Add<br>Approved Change Orders<br>Add<br>ST2<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3<br>ST3   | STLE<br>N SYSTEM REHI.   | Application 5/23/15-6/19/15<br>Periodi   | Application Date:  | acc 6(19/2015   |                    |
|--|--|--|--|---|--------------------|
| To<br>To<br>To<br>To<br>To<br>To<br>To<br>To<br>To<br>To   | STLE<br>N SYSTEM REHI.   |  |  |   |                    |
| Project: WATER DISTRIBUTIO<br>Owner's Contract No.:<br>Approved Change Orders<br>Mundler<br>41<br>42<br>42   | N SYSTEM REPL.   | From (Contractor);<br>BIL OTTA CONSTRUCTION CORP   | Via (Engineer):<br>TION CORP   | GHD CONSULTING SERVICES   | ERVICES            |
| Owner's Contract No.:<br>Approved Change Outlers<br>Number<br>al<br>al   |  | Contract.  |  |   |                    |
| Appreved Change Orders<br>Number<br>#1<br>#2<br>#2   |  | Contractor's Project No.:<br>NORCASWM  | Engineer's   | Project No.:<br>86-16265  |                    |
| Approved Change Orders<br>Number<br>#1<br>#2<br>#2   | Application For Payment<br>Change Order Summary  |  |  |   |                    |
| Number<br>#1<br>#2<br>#2   |  |  | I. ORIGINAL CONTRACT PRICE   |   | 10761218665        |
| #1<br>20<br>10   | Additions  | Deductions.  | 2. Net change by Change Orders   | والمتعادين والمتعادين والمحافظ   |                    |
| 42.<br>á.;   | \$19,950,00  | 00000025   | 3. Current Contract Price (Line 1 ± 2)                                       | de o pro ality o o constanto e Meteoropo y a realizado de constanto de la constante de la const | S 510,098,645.10   |
| in the second se | 01:196,7082  | \$193,860,00   | 4TOTAL/COMPLETED AND STORED TO DATE  | ED TO DATE  |                    |
|  | \$150,000.00   |  | (Column P on Progress Estimate)  |   | S 57,250,713.22    |
|  |  |  | a. 5% X  | 57.250.713.22 Work Completed  | 5 \$362,535.66     |
|  |  |  | X  | Stored Material   |                    |
|  |  |  | c. Total Retainage (Line 5a + Line 5b).                                      | 5a + Line 5b)   | S 5362,535.66      |
|  | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |  | 6. ANOUNT ELIGIBLE TO DATE (Line 4 - Line 3c).                               | ne 4 - 1.ine Se)  | 111                |
| IUIALS   | 11 115-1125  | (M) (1955/51195)   | <ol> <li>LESS PREVIOUS PAYAIENTS (Line 6 from prior Application).</li> </ol> | e 6 from prior Application)   | 22                 |
| CHANGE ORDERS  | S163,451.10  |  | A. ANDUNI DUKTHIS APPLICATION  | INAGE   | 5 ST554548         |
|  |  |  | (Column G on Progress Estimate + Line 5 above)                               | te 5 above)   | 5 53.211,467.55    |
| Contractor's Certification   |  |  |  |   |                    |
| The undersigned Continents certifies that to the best of its larnwhedger, (1) all previous progress payments received from Owner on account of Work done under the Contract Inversement mercount to  | time to the best of its knowledge<br>fork done under the Contract for  | C(1) all previous projects payments<br>for been multiply an account to   | Payment of S   | 755,345,38  | C. CONTROL         |
| discharge Contractor's legitimuste obligations incurrent in connection with Work covered by prime<br>Applications for Poynecat: (2) title of all Work, materials and equipment incorporated in suid Work or<br>otherwise listof in or covered by this Application for Poyneent will pass to Owner at time of payment free<br>and clean of all Liens, security interests and eccumbances (eccord parts are covered by a Bond<br>accountie to Owner indemnYtue Owner seemes any such times eccurity interests and eccumbances).  | and the second and the connection with the second in the second s | carred in connection with Work covered by pairs<br>materials and equipment incorporated in said Work or<br>a for Payment will pass to Owner at time of payment free<br>andbaarces (except nath as are covered by a Board<br>st my such f into secretive incovered by a Board | is recommended by:   | Lanc 8 or other - attach crythmation of the other untount)  | 1 cother unyound } |
| (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is<br>not defective.   | on for Payment is in according   | e with the Contract Documents and its  | Poerment of  |   |                    |
| _  |  |  |  | (Line & or other - attach explanation of the other arround)   | other arrough)     |
|  |  |  | is approved by:  | (Answedd  |                    |
| By: A MO   | 1 Ch   | Dire to Di I   | Approved by:   | (connect)   | [                  |
| N. N.I.  | -IAIA  | (197)  | Funding  | Funding Agency (if applicable)  | (Dutte)            |

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## **Progress Estimate - Lump Sum Work**

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## Contractor's Application

| For (Contract):              | TOWN OF NORTH CASTLE                        |                     | ~                                  | Application Number: | 5 <u>1</u>             |  |              |                              |
|------------------------------|---|---------------------|------------------------------------|---------------------|------------------------|--|--------------|------------------------------|
| Application Period           | \$123/15-6/19/15                            |                     |                                    | Application Date:   | 6/19/2015              | and a second |              |                              |
|                              |   |                     | Work Completed                     | nyleted             | ш                      | μ  |              | O                            |
|                              | А   | B                   | c                                  | D                   | Materials Presentiv    | Total Completed  |              | Deltant Director             |
| Specification<br>Section No. | Description                                 | Scheduled Value (S) | From Previous Application<br>(C+D) | This Period         | Stored (not in C or D) | and Stored to Date   | %<br>(F / B) | Dalance to Finish<br>(B - F) |
|                              | MOBILIZATION                                | \$496,750.00        | S496,750.00                        |                     |                        | S496,750,00  | 100.0%       |                              |
|                              | DEMOBILIZATION                              | S5,000.00           |                                    |                     |                        |  |              | \$\$ 000 (2)                 |
|                              | INSURANCE AND BONDS                         | \$85,000.00         | \$\$5,000.00                       |                     |                        | \$\$5,000.00   | 100.0%       | 2                            |
| 1010                         | SUMMARY OF WORK                             | \$5,000,00          | S3,400.00                          | \$500.00            |                        | \$3,900.00   | 78.0%        | 51,100,00                    |
| 1019                         | CONTRACT CONSIDERATIONS                     | S2,500.00           | S1,675.00                          | \$250.00            |                        | \$1,925.00   | 77.0%6       | \$575.00                     |
| 1300                         | SUBMITTALS                                  | \$2,500,00          | \$2,125.00                         |                     |                        | S2,125,00  | \$5.0%       | \$3.75,00                    |
| 1310                         | PROGRESS SCHEDULES                          | \$5,000.00          | \$3,250,00                         |                     |                        | \$3.250.00   | 65.0%        | S1,750.00                    |
| 1380                         | CONSTRUCTION DOCUMENTATION                  | \$20,000.00         | \$13,950.00                        | S1,500,00           |                        | S15,450.00   | 77.3%        | S4,550.00                    |
| 1400                         | QUALITY CONTROL                             | \$164.500.00        | \$111,300.00                       | S10,000.00          |                        | S121.300.00  | 73.7%        | S43.200.00                   |
| 1500                         | TEMPORARY FACELITES                         | S60,000,00          | \$41,200.00                        |                     |                        | S41.200.00   | 68.7%        | 518,800.00                   |
| 1564                         | EROSION CONTROL                             | \$35,000.00         | \$24,005.00                        | S1.500.00           |                        | S25,505.00   | 72.9%        | S9,495.00                    |
| 1600                         | MPT TRAFFIC                                 | \$298,682.00        | \$202,472.80                       | S20,000.00          |                        | S222,472,80  | 9:65°77      | S76,209.20                   |
| 1600                         | MATERIALS & EQUIPMENT                       | \$10,000.00         | \$7,000.00                         | \$750.00            |                        | S7.750.00  | 77.5%        | S2.250.00                    |
| 1700                         | CONTRACT CLOSEOUT                           | \$2.000.00          |                                    |                     |                        |  |              | S2.000.00                    |
| 2662                         | WET TAPS                                    | \$12,000.00         | \$6.000.00                         |                     |                        | S6,000.00  | \$0.02       | S5.000.00                    |
|                              | TEMPORARY SANITARY FACILITIES               | 52,000.00           | \$1.350.00                         | \$150.00            |                        | S1,500.00  | 75.0%6       | \$\$00.00 ·                  |
| 5                            | NYS RTE 22 CROSSING                         | \$100,000.00        |                                    |                     |                        |  |              | \$100,000,001                |
| 3                            | NORTH CASTLE ASSISTANCE                     | \$10,000.00         |                                    |                     |                        |  |              | \$16,000.00                  |
| C3                           | ADD PAVEMENT ALLOWANCE CO #2                | S433,560.00         |                                    |                     | -                      |  |              | S433,560 00                  |
| A.1                          | ADD F&I ABANDON 6' TAPPING SLEEVE CO#2      | S13,500,00          | S13,500.00                         |                     |                        | S13.500.00   | 100.0%       |                              |
| 1-Y                          | CO#3 COMP FOR ADDL EXC &BACKFILL ENTIRE PRJ | S150,000.00         | S102.000.00                        | S15,000.00          |                        | S117.000.00  | 28.0%        | \$33,000,00                  |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  | -            |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              |   |                     |                                    |                     |                        |  |              |                              |
|                              | Torofe                                      | \$1 917 007 AD      | S1 114 077 60                      | 540 XED DO          |                        | 00 - 17 171 13   |              | 00 1 1 0 1 1 0 0             |
|                              |   | 00.450.415,350      | NO11241110                         | 10102016+C          |                        | AC' / 70'+01'55  |              | 07749578419                  |

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C:\Share\AB\AntoinetteWORCASWM REQ 11 (3)-Fixed

|                     | TOWN OF NORTH CASTLE WATER DIST #2 DISTRIBUTION SYSTEM REPLACEMENT | SYSTEM REPI          | ACEMENT            |                       |                                    |                                       | Application Number,                      | 12   |            |                              |
|---------------------|--|----------------------|--------------------|-----------------------|------------------------------------|---------------------------------------|--|--|------------|------------------------------|
| Application Period: | 5/22/15-6/19/15  |                      |                    |                       |                                    |                                       | Application Date:                        | -(16/2015  |            |                              |
|                     | A  |                      |                    | ß                     | υ                                  | ٥                                     | μi                                       | іц.  |            | U                            |
|                     | Item   |                      |                    |                       |                                    |                                       |  |  |            |                              |
| Bid Item No.        | Description  | Bid Item<br>Quantity | Unit Price         | Bid Item<br>Value (S) | Estimated<br>Quantity<br>Installed | Value of Work<br>Installed to<br>Date | Materials Presently<br>Stored (not in C) | Total Completed<br>and Stored to Date<br>(D + E) | %<br>(F/B) | Balance to Finish<br>(B - F) |
| B                   | EXPLORATORY EXCAVATION   | 400                  | \$50.00            | \$20,000.00           | 91.2                               | \$4,560.00                            |  | \$4,560.00                                       | 22.8%      | \$15 440 00                  |
| 82                  | EXCAVATE BELOW SUBGRADE  | 500                  | S40.00             | \$20,000.00           | 225.1                              | \$9,004.00                            |  | \$9,004.00                                       | 45.0%      | S10,996,00                   |
| 53                  | RUCK EXCAVATION  | 1500                 | S200.00            | \$300.000.00          | 2782.56                            | \$556,512,00                          |  | S556,512.00                                      | 185.5%     | -5256,512.00                 |
| 4 50<br>0 4         | 6"DI WATEK MAIN & FITTINGS   | 600                  | \$115.00           | S69,000.00            | 635                                | S73.025 00                            |  | S73,025.00                                       | 105.8%     | -\$4,025.00                  |
| 8 2                 | S DI WALER MAIN & FILTINGS   | 48200                | \$107.30           | S5,171,860.00         | 37064                              | \$5,976,967.20                        |  | \$3,976,967.20                                   | 76.9%      | S1,194,892.80                |
| D0                  | 12 UI WALEK MAIN & FITTINGS  | 1600                 | S103.36            | S165,376.00           | 1434,25                            | S148.244,08                           |  | S148,244.08                                      | \$6.6%     | S17,151.92                   |
| 2 02                |  | 120                  | \$3,925.00         | S471,000.00           | 66                                 | \$259.050.00                          |  | \$259,050.00                                     | 55.0%      | S211.950.00                  |
| Ba                  | V OATE VALVE IN FLACE<br>8"GATE VALVE IN BLACE                     | 10                   | \$807.00           | \$8,070.00            | 4                                  | \$5,228.00                            |  | S3.228.00  | 40.0%      | S4,842.00                    |
| BI0                 |  | 110                  | S1.121.00          | S123,310.00           | 95                                 | S106,495.00                           |  | S106,495,00                                      | 86.4%      | S16,815.00                   |
| 010                 | 12 GALE VALVE IN PLACE   | 10                   | S2,019.00          | S20,190.00            | 4                                  | S8.076.00                             |  | S8,076.00  | 40.0%      | S12,114,00                   |
| 110                 | CUPPER SERVICE NEAR SID  | 173                  | S1,852.00          | \$320,396.00          | 87                                 | S161.24.00                            |  | S161.124.00                                      | 50.3%      | S159,272.00                  |
| 212                 | COPPER SERVICE FAR SIDE  | 200                  | S2.475.00          | \$495,000.00          | 00 I                               | S247.500.00                           |  | S247,500.00                                      | 50.0%      | S247,500.00                  |
| 515<br>215          | UNST SOIL TYPE III   | 200                  | S30.00             | \$6,000.00            |                                    |                                       |  |  |            | S6.020.00                    |
| 14                  | ADDL UFFITINGS   | 13000                | \$3.50             | S45.500.00            | 12372.85                           | \$43,304,98                           |  | S43,304.98                                       | 95.2%      | S2.195.03                    |
| cia                 |  | 500                  | \$40.00            | S20,000.00            | 44,81                              | S1,792.40                             |  | S1.792.40  | 9.0.5      | S18,207.60                   |
| <del>131</del> 0    | TEMP PAVEMENT REPLACEMNT PER CO #2                                 | <del>00021</del>     | <del>\$18.08</del> |                       |                                    |                                       |  |  |            |                              |
| B17                 |  | 373                  | S100.00            | \$37,300.00           | 76 l                               | \$19,400.00                           |  | S19,400.00                                       | 52.0%      | \$17,900.00                  |
| 818                 | PERM PAVEMENT REPLACEMENT PER CO#2                                 | 21200                | <del>820.00</del>  |                       |                                    |                                       |  |  |            |                              |
| B19                 | ASPHALT CURB REPLCMENT   | 2000                 | \$11.00            | S22,000.00            | 562                                | S6.182.00                             |  | S6,182.00  | 28.1%      | S15.818.00                   |
| B20                 | CONCRETE CURB REPLACEMNT   | 1000                 | S26.00             | \$26,000.00           |                                    |                                       |  |  |            | \$26,000.00                  |
| B21                 | ABANDON EXIST VALVES   | 60                   | \$325.00           | \$19,500.00           | 27                                 | S8,775.00                             |  | S8,775.00  | 45.0%      | \$10,725.00                  |
| B22                 | EXIST HYDRANT REMOVAL  | 17                   | \$325.00           | \$25,025.00           | 26                                 | S8.450.00                             |  | S8.450.00  | 33.8%      | \$16,575,00                  |
| B23                 | ANTI SEEP COLLARS  | 125                  | \$425.00           | \$53,125.00           |                                    |                                       |  |  |            | \$53,125,00                  |
| B24                 | ASPHALI D/W RESIORATION  | 50                   | S60.00             | \$3,000,00            |                                    |                                       |  |  |            | \$3,000.00                   |
| 22                  | CUNC D/W KEPLACEMENT   | 10                   | S450.00            | \$4,500.00            |                                    |                                       |  |  |            | \$1.58.00                    |
| 979                 | AUD K KRETE ENCCASEMENT CO 1                                       | 114                  | \$175.00           | \$19,950.00           | 235                                | S41,125.00                            |  | S41.125.00                                       | 206.1%     | -S21.175.00                  |
| 827                 | PIPE ABANDONMENT   | 15                   | \$450.00           | S6.750.00             |                                    |                                       |  |  |            | S6,750,00                    |
| B28                 | TEMP WATER SERVICE   | 7600                 | \$26.25            | S199,500.00           | 7693                               | \$201.941.25                          |  | S201,941,25                                      | 101.2%     | -52.441.25                   |
| B29                 | SAMPLE STATIONS  | 8                    | S3,500.00          | S28.000.00            | 2                                  | S7,000.00                             |  | S7.000.00  | 25.0%      | S21.000.00                   |
| B30                 | METER PITS 1" SERVICE  | ы                    | S2,000.00          | S4.000.00             |                                    |                                       |  |  |            | 54(000.00                    |
| B31                 | FINAL CLEAN SITE RESTORATION                                       | 50500                | S1.00              | SS0.500.00            | 7555                               | ST.555 (0                             |  | ST.555.00  | 15.0%      | 0015245.ExS                  |
| 568                 | PAVEMENT MILLING REM PER CO #2                                     | 12500                | <del>55.00</del>   |                       |                                    |                                       |  |  |            |                              |
| B33                 | NAT GAS MAIN BEDDING   | 50                   | S50.00             | S2.500.00             | 174                                | S8.700.00                             |  | S8,700.00  | 348.0%     | -56,200.00                   |
| B34                 | PIPE REMOVAL   | 1200                 | S10.00             | S12.000.00            |                                    |                                       |  |  |            | \$12,000.00                  |
| B35                 | 1-1/2"COPPER SERVICE   | s                    | S3.200.00          | S25,600.00            | Ś                                  | \$16,000.00                           |  | S16,000.00                                       | 62.5%      | S9.600.00                    |
| B36                 | 2' COPPER WATER SERVICE  | 8                    | S3,800.00          | S30.400.00            | 61                                 | S7.600.00                             |  | \$7.600.00                                       | 25,0%      | S22,800,00                   |
| B37                 | ASPHALT BINDER REPLACEMENT 4 WIDE PAY LIMIT                        | 23861                | S15.10             | S360,301.10           | 10230.1                            | \$154,474,51                          |  | S154,474,51                                      | 42.9%      | S205,826.59                  |
|                     |  |                      |                    |                       |                                    |                                       |  |  |            |                              |

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