



# TOWN OF NORTH CASTLE

## WATER & SEWER DEPARTMENT

15 Business Park Drive  
Armonk, New York 10504

[www.northcastleny.com](http://www.northcastleny.com)

914-273-1882

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Member

American Water Works Association  
N.Y. Rural Water Association  
N.Y. Water Environment Association  
Westchester Water Works Conference

**Sal Misiti**

Director of Water & Sewer Operations

[smisiti@northcastleny.com](mailto:smisiti@northcastleny.com)

[watersewer@northcastleny.com](mailto:watersewer@northcastleny.com)

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### MEMORANDUM

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To: Supervisor Schiliro & North Castle Town Board

From: Sal Misiti

Date: November 21, 2017

Cc: Joan Goldberg, Town Administrator  
Roland Baroni, Jr., Town Attorney  
Abbas Sura, Director of Finance

Re: North Castle Water District No.1  
Ultraviolet Disinfection Project  
**Kings Capital Payment Application No. 9 Final Payment release of retainage**

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The following is an authorization request for Final Payment Application No.9 to Kings Capital Construction Group, Inc., in the amount of \$74,823.76, the amount owed for this pay period along with the release of all retainage held for the project.

I have attached documentation from our consultant GHD Consulting Services, Inc., who have reviewed the payment requisition and approved the completed work application.

I have also reviewed the documentation, and concur with our consultant. I hereby respectfully request that the Board approve Payment Application No.9, and authorize the Supervisor to sign the payment application documents.

Attachment

WD1.UV.KingsCap.Payapp.9--Final.doc



November 17, 2017

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

Re: Application and Certificate for Payment No. 09 – Kings Capital Construction Group, Inc.  
North Broadway Ultraviolet Disinfection  
Town of North Castle, New York  
GHD No. 8616786.21

Dear Sal:

The above-referenced final Application and Certificate for Payment has been reviewed by our office and we recommend that payment be made in accordance with the Contract Documents for the indicated amount of \$74,823.76. Enclosed are three signed originals of the Application and Certificate for Payment.

If you have any questions, please contact us.

Sincerely,

GHD CONSULTING SERVICES INC.

A handwritten signature in blue ink, appearing to read "NJH", is written over the printed name of Nicholas J. Hyde.

Nicholas J. Hyde, P.E.  
Project Manager - Water

NJH/mrv

Enclosure



ENGINEERS JOINT CONTRACT  
DOCUMENTS COMMITTEE

# Contractor's Application for Payment No.

9 - Final

Application Period:	9/1/2016 - 11/15/2017	Application Date:	11/15/2017
To (Owner):	Town of North Castle	Via (Engineer):	GHD Consulting Services, Inc.
Project:	North Broadway Ultraviolet Disinfection	Contract:	Contract No. 1 - General
Owner's Contract No.:		Contractor's Project No.:	110
		Engineer's Project No.:	86-16786

## Application For Payment Change Order Summary


Approved Change Orders	Additions	Deductions
1		\$104,148.60
TOTALS		\$104,148.60
NET CHANGE BY CHANGE ORDERS		-\$104,148.60

1. ORIGINAL CONTRACT PRICE..... \$ \$1,093,750.00  
2. Net change by Change Orders..... \$ -\$104,148.60  
3. Current Contract Price (Line 1 + 2)..... \$ \$989,601.40  
4. TOTAL COMPLETED AND STORED TO DATE..... \$ \$989,601.40  
(Column F on Progress Estimate)  
5. RETAINAGE:  
a. X Work Completed..... \$ -  
b. 5% X Stored Material..... \$ -  
c. Total Retainage (Line 5a + Line 5b)..... \$ -  
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)..... \$ \$989,601.40  
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ \$914,777.64  
8. AMOUNT DUE THIS APPLICATION..... \$ \$74,823.76  
9. BALANCE TO FINISH, PLUS RETAINAGE..... \$ -  
(Column G on Progress Estimate + Line 5 above)

### Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:  Date: \_\_\_\_\_

Payment of: \$ 74,823.76 (Line 8 or other - attach explanation of the other amount)  
is recommended by:  11-22-2017 (Engineer) (Date)  
Payment of: \$ \_\_\_\_\_ (Line 8 or other - attach explanation of the other amount)  
is approved by: \_\_\_\_\_ (Owner) (Date)  
Approved by: \_\_\_\_\_ Funding Agency (if applicable) (Date)

# Progress Estimate - Lump Sum Work

## Contractor's Application

For (Contract):		Contract No. 1 - General		Application Number:		9							
Application Period:		9/1/2016 - 11/15/2017		Application Date:		11/15/17							
				Work Completed		E		F		G			
A		B		C		D		E		F		G	
Specification Section No.	Description	Scheduled Value (\$)	From Previous Application (C+D)	This Period	Materials Presently Stored (and in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)					
GENERAL CONSTRUCTION													
	Mobilization	\$50,000.00	\$50,000.00			\$50,000.00	100.0%						
	Sitework												
	Erosion Control	\$4,000.00	\$4,000.00			\$4,000.00	100.0%						
	Clearing	\$10,000.00	\$10,000.00			\$10,000.00	100.0%						
	Relocate Existing Piping	\$12,000.00	\$12,000.00			\$12,000.00	100.0%						
	New Site Piping	\$16,000.00	\$16,000.00			\$16,000.00	100.0%						
	Electrical Conduits	\$5,000.00	\$5,000.00			\$5,000.00	100.0%						
	Generator Pad	\$12,000.00	\$12,000.00			\$12,000.00	100.0%						
	Boilers	\$2,500.00	\$2,500.00			\$2,500.00	100.0%						
	Paving	\$8,000.00	\$8,000.00			\$8,000.00	100.0%						
	Restoration	\$8,000.00	\$8,000.00			\$8,000.00	100.0%						
	Building												
	Foundation	\$30,000.00	\$30,000.00			\$30,000.00	100.0%						
	Slab	\$10,000.00	\$10,000.00			\$10,000.00	100.0%						
	Masonry	\$40,000.00	\$40,000.00			\$40,000.00	100.0%						
	Framing/ Roofing/ Trim	\$25,000.00	\$25,000.00			\$25,000.00	100.0%						
	Door & Hardware	\$3,000.00	\$3,000.00			\$3,000.00	100.0%						
	Painting	\$4,000.00	\$4,000.00			\$4,000.00	100.0%						
	Demolition	\$10,000.00	\$10,000.00			\$10,000.00	100.0%						
	Piping												
	Flanged Piping & Valves	\$134,000.00	\$132,000.00	\$2,000.00		\$134,000.00	100.0%						
	Motorized Butterfly Valves	\$20,000.00	\$20,000.00			\$20,000.00	100.0%						
	PRV	\$3,000.00	\$3,000.00			\$3,000.00	100.0%						
	HVAC												
	Exhaust Fan & Ductwork	\$4,500.00	\$4,500.00			\$4,500.00	100.0%						
	Louver	\$1,000.00	\$1,000.00			\$1,000.00	100.0%						
	Unit Heater	\$4,000.00	\$4,000.00			\$4,000.00	100.0%						
	Dehumidifier	\$5,500.00	\$5,500.00			\$5,500.00	100.0%						
	Totals	\$421,500.00	\$419,500.00	\$2,000.00		\$421,500.00							

## Contractor's Application

For Contract		Contract No. 1 - General		Application Number:		9					
Application Period: 9/1/2016 - 11/15/2017				Application Date:		11/15/17					
				Work Completed		E		F		G	
A		B		C		D					
Specification Section No.	Description	Scheduled Value (\$)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)			
	Chemical Feed										
	Pump Skid	\$6,500.00	\$6,000.00	\$500.00		\$6,500.00	100.0%				
	Piping	\$6,500.00	\$6,500.00			\$6,500.00	100.0%				
	Plumbing										
	Floor Drain System	\$5,500.00	\$5,500.00			\$5,500.00	100.0%				
	Misc. plumbing	\$27,000.00	\$27,000.00			\$27,000.00	100.0%				
	Electrical										
	New Service	\$50,000.00	\$50,000.00			\$50,000.00	100.0%				
	Generator Demolition	\$10,000.00	\$10,000.00			\$10,000.00	100.0%				
	Lighting & Receptacles	\$14,000.00	\$14,000.00			\$14,000.00	100.0%				
	Equipment Conduit & Wiring	\$14,000.00	\$14,000.00			\$14,000.00	100.0%				
	Control Conduit & Wiring	\$45,000.00	\$45,000.00			\$45,000.00	100.0%				
	Equipment										
	Generator & Transfer Switch										
	Supply	\$90,000.00	\$90,000.00			\$90,000.00	100.0%				
	Install	\$35,000.00	\$35,000.00			\$35,000.00	100.0%				
	Start-up & Testing	\$5,000.00	\$5,000.00			\$5,000.00	100.0%				
	Training	\$3,000.00		\$3,000.00		\$3,000.00	100.0%				
	UV System										
	Supply	\$120,000.00	\$60,000.00	\$60,000.00		\$120,000.00	100.0%				
	Install	\$27,000.00	\$27,000.00			\$27,000.00	100.0%				
	Start-up & Testing	\$5,000.00	\$5,000.00			\$5,000.00	100.0%				
	Training	\$5,000.00	\$5,000.00			\$5,000.00	100.0%				
	Instrumentation & Controls										
	Supply	\$90,000.00	\$90,000.00			\$90,000.00	100.0%				
	Install	\$15,000.00	\$15,000.00			\$15,000.00	100.0%				
	Start-up & Testing	\$5,000.00	\$5,000.00			\$5,000.00	100.0%				
	Training	\$5,000.00	\$5,000.00			\$5,000.00	100.0%				
	Totals	\$578,500.00	\$515,000.00	\$63,500.00		\$578,500.00					

## Contractor's Application

6

11/15/17

A			B	C	D	E	F			
Item		Bid Item Quantity	Unit Price	Bid Item Value (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
Bid Item No.	Description									
A-2	Construction Documentation	1	\$5,000.00	\$5,000.00	1	\$5,000.00		\$5,000.00	100.0%	
A-3	Record Documents	1	\$5,000.00	\$5,000.00	1	\$5,000.00		\$5,000.00	100.0%	
B-1	Excavations Below Subgrade	5	\$50.00	\$250.00						\$250.00
B-2	Special Backfill Material	5	\$100.00	\$500.00						\$500.00
B-3	Additional Exploratory Excavations	50	\$50.00	\$2,500.00						\$2,500.00
B-4	Rock Removal	75	\$100.00	\$7,500.00						\$7,500.00
F-1	Laboratory Equipment Allowance	1	\$10,000.00	\$10,000.00						\$10,000.00
F-2	Miscellaneous Additional Work	1	\$50,000.00	\$50,000.00	0.941988	\$47,099.40		\$47,099.40	94.2%	\$2,900.60
	RFP-03 - Sewer Pipe Change		\$7,035.47							
	RFP-04 - Additional Roofing		\$3,933.87							
	RFP-05 - Chan Recorders		(\$2,000.00)							
	RFP-06 - Eliminate Autodialer		\$12,239.47							
	RFP-07 - ATS Relocation		\$7,367.49							
	RFP-08 - Revise Power Panel		\$17,621.10							
	RFP-09 - TankChlorine Analyzer		\$47,099.40							
F-3	SCADA Software Allowance	1	\$13,000.00	\$13,000.00	0.7642308	\$9,935.00		\$9,935.00	76.4%	\$3,065.00

# Contractor's Application

[illegible]