

# CITY OF NEW HAVEN

## CONTRACT CHANGE ORDER (CO)

1	CONTRACT TITLE:	On call Duct Cleaning					
2	CONTRACT #.:	21693-1-4	CO#	1	CO DATE	10/29/2020	
3	CONTRACTOR:	Concrete Crteations				VENDOR CODE	30752
4	EMAIL	admin@concretecreations281.com				PROJECT No.:	
5	CONTRACT START DATE	July 1, 2020			CONTRACT END DATE:	June 30,2021	
6	CONTRACT TERM WILL BE:	X					
		UNCHANGED	INCREASED	DECREASED	NEW END DATE		
7	FUNDING SOURCE OF CONTRACT:	3C202073-58708				CAPO#:	70210018-000
8	FUNDING SOURCE OF CO	3C202073-58708				CAPO#:	
9	ORIGINAL AWARDED AMOUNT	\$100,000.00					
10	CONTRACT AMOUNT PRIOR TO THIS CO:	\$100,000.00					
11	AMOUNT OF THIS CO	\$181,516.40				ACTUAL	
						INCREASE	X
12	NEW CONTRACT AMOUNT	\$281,516.40					
13	Is this Change Order a final close-out of the Contract?					YES	NO
14	Has the cost of this contract been increased from the original amount?					YES	NO
15	What is the total percentage increase/decrease over the original contract, including the current CO?					181	%
16	Is any part of this Change Order outside of the scope of the original bid documents?						No
17	Has any of the work described in this Change Order been ordered to be done?					YES	NO
18	Are there any unit prices or lump-sum amounts in this Change Order that were not taken from the Contractor's original bid for the project? (If the answer is yes, approved quotes and prices, with back-up, must be appended hereto along with certification by the person who approved the reasonableness of the prices .)					YES	NO

19 COMPANY HOLDING PERFORMANCE BOND: (If Applicable)



23	21632A-2-2	1	10/15/2020
	Contract Number	CO #	DATE

ALL TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT REMAIN IN FULL FORCE AND EFFECT.		
CONTRACTOR'S SIGNATURE	TITLE	DATE

BY SIGNING BELOW, WE CERTIFY THAT THIS CHANGE ORDER HAS BEEN REVIEWED BY THE APPROPRIATE PARTIES AND FOUND TO BE IN COMPLIANCE WITH THE RULES, REGULATIONS AND POLICIES OF OUR INDIVIDUAL DEPARTMENTAL REQUIREMENTS.	
REQUESTING AGENCY DEPARTMENT HEAD SIGNATURE	DATE
SMALL CONTRACTOR DEVELOPMENT SIGNATURE	DATE
COMMISSION ON EQUAL (CEO) SIGNATURE	DATE
CAPO REVISED AND APPROVED SIGNATURE	DATE
PURCHASING AGENT SIGNATURE	DATE
OFFICE OF CORPORATION COUNSEL: - APPROVED TO FORM & CORRECTNESS.	DATE
CONTROLLER: - CERTIFIED AS TO SUFFICIENCY OF APPROPRIATION OR AVAILABILITY OF FUNDS	DATE

This section is utilized when and as needed:		
24	ENGINEER/ARCHITECT:	COMPANY/FIRM
		DATE



# Concrete Creations, LLC

281 Chapel Street  
New Haven, CT 06513

Phone: 203-996-1544  
Fax: 203-481-0161



## **Proposal & Acceptance Letter for Change Order**

This is the Proposal and Signature page for Wilbur Cross High School Duct Cleaning Contract to be completed as previously specified in my Proposal in addition to the Duct Cleaning there was extensive mold that needs to be remediated to complete the duct cleaning process properly.

**The total Change Order will be \$55,317.70**

A handwritten signature in blue ink, consisting of several loops and a trailing line, positioned above a horizontal signature line.

**Ralph Mauro - Owner  
Concrete Creations, LLC**

**Re: City of New Haven  
Board of Education**

# Concrete Creations, LLC



281 Chapel Street  
New Haven, CT 06513

Phone: 475-414-7131

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September 29, 2020

Mr. Vincent Mauro  
Concrete Creations LLC  
C/o Wilbur Cross Highschool a Corporation  
181 Mitchel Drive  
New Haven, Connecticut 06513

RE: H.V.A.C. / duct cleaning at The Wilbur Cross High School  
181 Mitchel Drive, New haven, Ct. Per plans  
dated 11/22/2000 – M1.1R to M3.2  
Start Date 10/1/2020

Gentlemen:

Concrete Creations LLC appreciates the opportunity to submit the following proposal, recommendations and related information for the cleaning and decontamination of the multiple H.V.A.C. system(s) at The City of New Havens, Wilbur Cross High School, New Haven, Connecticut.

Site assessments are carefully planned and coordinated with site mechanical engineering staffs and appropriate personnel as needed. Our IAQ cleanup will ensure a healthy and safe environment. We have closely reviewed the plans supplied on this project prepared by Pozzi Associates, LLC Architects, of New Haven, Ct. The plans reviewed in preparing this estimate were at multiple scales. The plans were also numbered as M1.1r to M3.2 and dated November 11, 2000.

## **Benefits of Concrete Creations LLC Patented Air Duct Cleaning Process**

1. Controls microbial contaminants in the air (bacteria / microbial reduction)
2. Increases efficiency of air handlers and related equipment, allowing the units full life expectancy operation opposed to run to failure.
3. More efficient, increased air flow, limiting loss with our breach repair
4. Reduces odor (if present)
5. Prolongs life of the H.V.A.C.'s A.H.U.'s with reduced wear
6. Reduces energy cost (lower utility cost)
7. Helps prolong building life (Soft goods: carpet, ceiling tile & upholstery)

The multiple H.V.A.C. systems servicing the entire school is the subject matter for this proposal. The H.V.A.C. ductwork, air handling units, fan motors and related control equipment would be cleaned and decontaminated following the N.A.D.C.A. (National Air Duct Cleaners Association) and the IICRC (Institute of Inspection Cleaning Restoration and Certification) protocols and the detailed protocol while also following our own M.O.P., as well. Concrete Creation's, LLC is pleased to provide the following proposals as follows:

Concrete Creations LLC is pleased to provide the following proposal cost for the Schools multiple systems per the plans notes at a cost of **\$ 126,198.70**

The project referenced above, following the detailed NADCA Certified duct cleaning in conjunction with the additional protocol is as follows:

**CONCRETE CREATIONS LLC WOULD BE PLEASED TO PROVIDE THE FOLLOWING COMPLETE SOURCE REMOVAL CLEANING OF THE AIR CONVEYANCE SYSTEM(S) AND COMPONENTS COMPOSED OF NON-POROUS MATERIALS. ALL ACCESSABLE DUCT WORK. AS WELL AS THE FULL A.H.U. CLEANING.**

I. Ductwork

- A. Source removal process will be used to clean all accessible ductwork. Debris, dust, and particulate will be removed by physical contact with a soft vacuum brush attached to our HEPA Vacuum System in conjunction with the Steamatic Negative Air Machine and air washing devices.
- B. Biocide treatment of duct system will be applied to interior of duct system following the source removal process to render harmless any biological contaminates.
- C. Access Doors will be installed as needed to provide entry points for source removal, visual inspection sights and treatment of contaminates.
- D. Duct opening will be covered with clear poly (not cheese cloth) during service.

II. Supply Registers/Return Air Grills

- A. All supply register/return air grills will be removed, hand cleaned, sanitized, and replaced. If either is affixed to structure, then it will be cleaned in place.
- B. Area around supply register/return air grill will be vacuumed.
- C. Concrete Creations would also respectfully request the permission to use the basement hose within the washroom to assist in the cleaning and decontaminating of the grills.

III. Air Handling Units – Will be cleaned and Sanitized (No disassembly)

- A. Clean all Interior/exterior of housing surfaces.
- B. Clean, sanitize all fans and related components.
- C. Clean via H.E.P.A. Vacuuming and washing the coils/condensate lines.

IV. Equipment

- A. Steamatic Negative Air Machine\
- B. Steamatic Air Washing Equipment
- C. Max Vac (HEPA Vacuum)
- D. Steamatic IES Compressed Spray System
- E. Steamatic Duct Augur and Steamatic pneumatic tools.

V. Safety

- A. Concrete Creations and its employees are familiar with all and adhere to all appropriate OSHA and NIOSH safety procedures. This includes working conditions, equipment, and safety equipment.
- B. As needed technicians will be outfitted in respirators per OSHA CFR 29-1910.120.
- C. Safety Data Sheets - See SDS Section -- for submission.

VI. Quality Assurance

- A. The floors will be covered with double thick moving blankets to protect against any tarnishing / scratching as/if during Concrete Creations work. The areas as needed may also be covered with fine .7 mill plastic to inhibit any uncontrollable contamination during the cleaning process.
- B. The Project manager may inspect H.V.A.C. System before, during and upon completion of decontamination.
- C. A walk-through inspection with customer can be scheduled at any time with the contractor.



# Concrete Creations LLC

281 Chapel St New Haven Ct 06513

## Quotation For:

Wilbur Cross High School  
Concrete Creations  
181 Mitchel Dr  
New Haven CT 06513  
475-331-5287

DATE 9/29/2020

Customer ID Concrete Cr

Quotation # 100

Quotation valid until: 10/29/2020

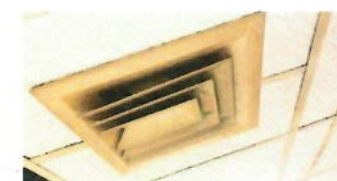
Prepared by: Vincent Mauro

## General Instructions:

Clean, Purge Air Conveyance System, i.e. duct work via source removal cleaning process of the system and components composed of non-porous materials, all accessible ductwork, as well as full AHU cleaning. All units to be sweep/vacuum using HEPA filtered vacuums. This process will be used to clean all accessible ductwork. Debris, dust and particulate will be removed by physical contact with a soft vacuum brush attached to our HEPA vacuum system in conjunction with the Steamatic Negative Air Machine and air washing devices.

**Estimate based on services and areas affected ; Clean all HVAC interior (interior and exterior of gym) of all systems of the Wilbur Cross High School per NADCA standards. One ground level cooling tower unit located in rear of building. Start date of 10/1/2020**

## Photos





#### Worker Classification

DESCRIPTION	UNIT PRICE	NOTES	Unit	TAX	AMOUNT
Project Coordinator	\$110.00		70		\$ 7,700.00
Project Manager	\$85.00	Onsite NADCA certified	240		\$ 20,400.00
Restoration Supervisor/Tech or dehumidification Tech	\$65.00		480		\$ 31,200.00
Resource/inventory Coordinator	\$55.00		40		\$ 2,200.00
Restoration Technician	\$48.50		480		\$ 23,280.00
					\$ 84,780.00
				TAX RATE	6.35%
				SALES TAX	\$ -
				OTHER	-
				<b>TOTAL</b>	<b>\$84,780.00</b>

#### Scheduled Equipment

DESCRIPTION	UNIT PRICE		Unit	TAX	AMOUNT
Air Compressor, large	\$70.00		60		\$ 4,200.00
Coil Pro	\$150.00		2		\$ 300.00
Coil Washer TFC200 (Cooling Tower)	\$275.00		2		\$ 550.00
Halogen lights w/stand	\$15.00		1		\$ 15.00
Lift per day	\$1,500.00	estimated cost for entire job	1		\$ 1,500.00
Fogger	\$25.00		15		\$ 375.00
HVAC - Air tool kit	\$25.00		15		\$ 375.00
HVAC - cutting/spray kit	\$25.00		15		\$ 375.00
HVAC - cleaning system	\$150.00	2 systems for 30 days	60		\$ 9,000.00
Personal Fall Protection (PFP) - harness,	\$30.00		6		\$ 180.00
Personal Protection Equipment (PPE) -	\$25.00	4 men for 30 days	120		\$ 3,000.00
Sprayer - industrial airless	\$125.00		1		\$ 125.00
Truck - van - 3/4 ton	\$85.00		60		\$ 5,100.00
Vacuum - HEPA	\$75.00		60		\$ 4,500.00
				SUBTOTAL	\$ 29,595.00
				TAX RATE	6.35%
				SALES TAX	\$ -
				OTHER	-
				<b>TOTAL</b>	<b>\$29,595.00</b>

#### Company Supplied Materials

DESCRIPTION	UNIT PRICE		Unit	TAX	AMOUNT
Anti-microbial solution	\$38.50		20		\$ 770.00
Bags - 6 mil (unmarked)	\$121.50		1		\$ 121.50
Bags - HEPA Vacuum	\$38.00		30		\$ 1,140.00
Brush - HEPA Vacuum	\$7.85		30		\$ 235.50
Dump per PU Truck	\$175.00		4		\$ 700.00
Caulk/proseal/HVAC	\$7.95		10		\$ 79.50
Coil cleaner	\$34.95		6		\$ 209.70
Degreaser/Cleaner - Exxpert 828	\$39.00		20		\$ 780.00
Deodorizer - linaire liquid spray	\$69.00		5		\$ 345.00
Filter 24" x 24" x 1" (air scrubber)	\$36.15	Pre filter changed at end of each shift	60		\$ 2,169.00
Filter 24" x 24" x 2" (secondary)	\$74.00		2		\$ 148.00
Filter carbon (air scrubber 2000 cfm)	\$145.00		2		\$ 290.00
Gloves (nitrile)	\$34.00		12		\$ 408.00
Green scrub pads - pack 24	\$55.00		4		\$ 220.00
Microban	\$49.50		10		\$ 495.00
Plates - HVAC sheet metal	\$3.75		40		\$ 150.00



DESCRIPTION	UNIT PRICE	NOTES	Unit	TAX	AMOUNT
Pre-filter media	\$69.00		30		\$ 2,070.00
Tape - aluminum HVAC	\$27.50		15		\$ 412.50
Towels - terry - per dozen	\$36.00		30		\$ 1,080.00
					\$ 11,823.70
				TAX RATE	6.35%
				SALES TAX	\$ -
				OTHER	-
				<b>TOTAL</b>	<b>\$11,823.70</b>

	Totals of charts				
WORKER CLASSIFICATION					\$84,780.00
SCHEDULED EQUIPMENT					\$29,595.00
COMPANY SUPPLIED MATERIALS					\$11,823.70
				<b>FINAL TOTAL</b>	<b>\$126,198.70</b>

# Concrete Creations, LLC

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