23-045

RESOLUTION AUTHORIZING CONTRACT MODIFICATION #02 FOR THE PARK AVE SIPHON CHAMBER PROJECT

MOTIONED BY: SECONDED BY:

WHEREAS, the North Hudson Sewerage Authority (hereinafter "Authority") is a public body, duly formed under the Sewerage Authorities law, constituting Chapter 138 of the Laws of New Jersey of 1946, as amended (Chapter 14A of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

WHEREAS, the Authority has contracted with Colonnelli Brothers Inc., Hackensack, NJ, under resolution 22-022 in the amount of \$627,800.00 for the Park Ave. Siphon Chamber Project; and

WHEREAS, one previous contract modification was approved increasing the total contract price to \$662,185.00; and

WHEREAS, this contract modification has been requested in order to efficiently advance the project as described in the report identified as "Exhibit A", with the additional work being documented as required by Dewberry, the project engineer; and

WHEREAS, the Facilities Review Board has reviewed the proposal and recommends the approval of the requested contract modification.

NOW, THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the execution and implementation of said contract modification #02 in an amount not to exceed \$87,599.93.

DATED: MARCH 16, 2023

Commissioner Zucconi Commissioner Assadourian

RECORD OF COMMISSIONERS' VOTE

YES NO ABSTAIN

Commissioner Kappock

Commissioner Marotta

Commissioner Gardiner

Commissioner Friedrich

Commissioner Guzman

Commissioner Velazquez

Commissioner Barrera

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON MARCH 16, 2023.

S	ECRETARY



Dewberry Engineers Inc.
31 Penn Plaza, 132 West 31st Street
Suite 301
New York, NY 10001
212.685.0900
212.685.2340 fax
www.dewberry.com

February 27, 2023

Mr. Frederic Pocci, PE Authority Engineer North Hudson Sewage Authority 1600 Adams St. Hoboken, N.J., 07030

RE: Client: North Hudson Sewage Authority (NHSA)
Project Name: Park Ave Siphon Chamber Project

Contractor: Colonnelli Bros. Inc.

Subject: Change Order No. 2 - Nine (9) Extra Work Items

Dear Mr. Pocci,

Initial change order work estimates submitted from November through January by the contractor Colonnelli Bros. Inc. (CBI) outlined nine extra work items performed during the contract in the amount of \$106,354.35. The description of the various extra work items is listed below.

Extra Work #	Description	R	CBI lequested Cost	Dewberry egotiated Cost
1	Install additional traffic control features (signs, drums, barriers) as required by Weehawken police	\$	4,967.51	\$ 4,612.41
2	Provide temporary water Jersey Barriers	\$	6,550.68	\$ 4,926.34
3	Overnight stay of foreman on site with signal light truck - 16 hrs OT rate = (24 hrs standard rate)	\$	3,743.90	\$ 3,275.14
4	Rental of Trenchbox & Crash Cushion Truck During down time (49 days)	\$	6,784.65	\$ 6,646.14
5	Install Pit Protection (Rental of steel plates), plus Engineering Design for submittal	\$	14,512.12	\$ 9,478.97
6	Increase/backfill excavation pit - relocation of trenchbox due to slope on 24" pipe	\$	7,694.69	\$ 6,775.42
7	Daily lost time due to 12" main being non functional - break in manhole bends	\$	9,236.99	\$ 8,058.52
8	24" valve supply assembly (ready to install)	\$	30,957.42	\$ 29,341.86
9	Daily Lost time due to removal and installation of steel plates/traffic control - 45 min daily	\$	21,906.39	\$ 14,485.13
		\$	106,354.35	\$ 87,599.93

After the submission of the MPT Plan Submission, the Town of Weehawken Safety Administrator and the Port Authority of New York and New Jersey (PANYNJ) Police, it was requested that 2 lanes of traffic always be open during non-working hours. This was discussed and agreed to by the Engineer of Record (EOR) Mott MacDonald. This resulted in the need for the contractor to perform Extra Work outlined in item Nos. 1, 2, 3, 5 and 9.

According to design phasing, the existing 12" siphon needed to be fully functioning to take the sewage flow in order to facilitate shutting down the 24" siphon that was planned to be cut. After cleaning this downstream existing 12 inch siphon pipe, it failed to conduct the flow and existing fittings slipped downstream of the contractors work zone. The contractor experienced delays during this period resulting in Extra Work Item 7. While considering



other options to get the planned contract work done on the 48 inch siphon, the contractor experienced equipment down time and incurred additional rental fees for various equipment. Exploring other options to fulfill the contract intent resulted in the need for the contractor to perform Extra Work Item Nos. 4, and 8.

During the excavation for the proposed Siphon Access Chamber, a 22.5-degree bend was encountered on the 24" pipe which was not indicated on the drawings. This required the contractor to over excavate/relocate the trench to expose enough straight pipe to construct the access chamber. To avoid this issue, Extra Work Item No.6 was required to be performed.

A final negotiation meeting was held on February 10, 2023, between the contractor, Dewberry and the EOR to negotiate the cost of the various extra work items performed. It was agreed to compensate the contractor for the nine extra work items in a lump sum amount of \$87,599.93, (See Attachment 2: email from CBI accepting the Lump Sum Amount).

We have found it necessary to issue a "No Cost Change Order" Change Order No. 2 to modify the contract as per the following:

- 1) **(Credit)** Furnish and Install 24 "Gate Valve \$65,000.00 reduced (\$65,000.00)
- 2) **(Credit)** Furnish and Install 24 "Insertion Valve \$10,000.00 reduced (\$10,000.00) to \$0.00
- 3) (Credit) Furnish and Install 12 "Insertion Valve \$10,000 reduced (\$10,000.00) to \$0.00
- 4) (Credit) Furnish and Install 12" Gate Valve \$5,000.00 reduced (\$2,599.93) to \$2,400.07
- 5) Add New Item Line CO2 -Lump Sum for Extra Work No. 1 to 9 for \$87,599.93

Contract Summary to Date:

 Original Contract Value:
 \$627,800.00

 Underuns:
 (\$170,690.00)

 Change Order #1:
 \$34,385.00

 Change Order #2:
 \$87,599.93

Final Underrun: (\$48,705.07) **Final Contract Cost:** \$**579.094.93**

Kindly let us know if you have any questions.



Sincerely,

Dewberry Engineers Inc.

Patrick Ronan, PE

Senior Project Manager, Water Resources

PR:ja

Encl., cc: D. Conger, B. Vega (NHSA), T. Yanoff (Dewberry), K. Wynn (Mott MacDonald), file



Project: Park avenue siphon

Owner: North Hudson Sewage Authority

Date: 2/21/2023

Summary

Extra work (pending) \$87,599.93

Extra work (approved and paid) \$34,385.00

Total additions \$121,984.93

 Items Left in contract
 (\$170,690.00)

 Original contract value
 \$627,800.00

 Extra work
 \$121,984.93

 Items left in contract
 (\$170,690.00)

 FINAL CONTRACT VALUE
 \$579,094.93

Extra work between start of work and completion 11/18

Item #	Description	Cost
1	Install additional traffic control features (sings, drums, barriers) as required by Weehawken police	\$4,612.41
2	Provide temporary jersey water barriers	\$4,926.34
3	Over night stay of foreman on site with signal lights truck - 16hrs - OT rate = (24 hrs standard rate)	\$3,275.14
4	Rental of trenchbox & crash cushion truck during th down time (49 days)	\$6,646.14
5	Install Pit protection (rental of steel plates), Engineer design for submittal	\$9,478.97
6	Increase/backfill excavation pit - relocation of trenchbox due to slope on 24" pipe	\$6,775.42
7	Daily lost time due to 12" main being non functional - breaks in manhole bends	\$8,058.52
8	24" valve supply assembly and fabricate the piece (ready to install)	\$29,341.86
9	Daily lost time due to removal and installation of steel plates / traffic control - 45 min daily	\$14,485.13
		\$87,599.93

EXTRA work - approved & paid Additional scope - work on manholes on Hackensack Plank rd. as per email from 9/12 12:38 pm

Balance in the contract to be applied

Items form contract	Description	Balance in contract
2	Excavation for Test Pits	\$2,150.00
5	Furnish and Install 12" Insertion Valve	\$10,000.00
6	Furnish and Install 12" Gate Valve	\$5,000.00
7	Furnish and Install 24" Insertion Valve	\$10,000.00
8	Furnish and Install 24" Gate Valve	\$65,000.00
9	Rock excavation (quantities left in contract)	\$8,650.00
10	Transport and Disposal of HazMat (If & Where)	\$6,750.00
11	Construct 12" by 13" Concrete Sloping Curb	\$1,050.00
12	Construct 6" Thick Concrete Sidewalk	\$6,660.00
13	Furnish and Install I-2 Base Course 8" Thick	\$1,930.00
14	Furnish and Install I-4 Surface Course 2" Thick	\$2,700.00
15	Allowance for Off Duty Police (quantities assumed to be left in contract)	\$15,800.00
16	Allowance for utility Relocation	\$35,000.00

\$170,690.00

\$34,385.00

Colonnelli Brothers, Inc.

An Equal Opportunity Employer 409 South River Street, Hackensack, New Jersey 07601 Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for:

Install additional traffic control features (sings, drums, barriers) as required by Weehawken police

Item Description:

Install additional traffic control features (sings, drums, barriers) as required by Weehawken police Description of extra work:

A.	LABOR							TOTALS
	Foreman	@	\$53.40 /Hr	х	4	Hrs		\$213.60
	Laborers	@	\$50.15 /Hr	х	8	Hrs		\$401.20
	Labor Appr.	@	\$18.11 /Hr	X		Hrs		\$0.00
	Carpenter	@	\$44.94 /Hr	X		Hrs		\$0.00
	Carp Appr.	@	\$18.23 /Hr			Hrs		\$0.00
	Operator	@	\$62.02 /Hr			Hrs		\$0.00
	Ironworker	@	\$47.84 /Hr			Hrs		\$0.00
	Teamster	@	\$50.15 /Hr	X		Hrs		\$0.00
_	LABOR RENEFITS					A. TOTALS:		\$614.80
В.	LABOR BENEFITS		¢44.50 /U-			I I and		¢4.00.00
	Foreman Laborers	@ @	\$41.50 /Hr \$36.75 /Hr			Hrs		\$166.00 \$294.00
	Laborers Labor Appr.	@	\$36.75 /HI \$18.11 /Hr		0	Hrs		\$0.00
	Carpenter	@	\$44.94 /Hr			Hrs		\$0.00
	Carp Appr.	@	\$18.23 /Hr			Hrs		\$0.00
	Operator	@	\$46.07 /Hr			Hrs		\$0.00
	Ironworker	@	\$48.84 /Hr			Hrs		\$0.00
	Teamster	@	\$34.22 /Hr			Hrs		\$0.00
		Ü				A. TOTALS:		\$460.00
C.	LABOR ADDITIVES							
	Workmen's Compensation			9.10%				
	General Liability			0.00%				
	FICA			7.65%				
	Federal Unemployment			0.80%				
	State Disability			0.75%				
	State Unemployment			5.50%				
						xable Wages		£44C 22
				23.80%	Х	\$614.80	······ <u> </u>	\$146.32
						C. TOTALS:		\$146.32
D.	MATERIAL					o. TOTALO.		ψ140.0 <u>2</u>
	Sales order #283167		@	1	LS	\$305.60	LS	\$305.60
	Sales Order #283537		@		LS	\$2,316.95		\$2,316.95
			@		/LS		Unit	\$0.00
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			@		/tonx		Unit	\$0.00
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			@		/ls x		Unit	\$0.00
						D. TOTALS:		\$2,622.55
E.	SUBCONTRACT		_		-			***
			@		/Ea x		Unit	\$0.00
			@		/Ea x		Unit	\$0.00
_	EQUIPMENT					E. TOTALS:		\$0.00
г.	Pick Up		@	\$10.00	/Hr v		Hrs	\$0.00
	Dump Truck		@	\$25.00			Hrs	\$0.00
	Excavator		@	\$55.00			Hrs	\$0.00
	Welding Machine		@	\$40.00			Hrs	\$0.00
	Chain Saw		@	\$10.00			Hrs	\$0.00
	Compressor		@	\$20.00	/Hr x		Hrs	\$0.00
	Concrete Vibrators		@	\$125.00	/Hr x		Hrs	\$0.00
	Roller		@	\$25.00	/Hr x		Hrs	\$0.00
	Demo saw/small tools		@	\$10.00	/Hr x		Hrs	\$0.00
						F. TOTALS:		\$0.00
G.	SUMMARY							*****
	A. Labor							\$614.80
	B. Labor Benefits							\$460.00
	C. Labor Additives							\$146.32
	D. Material E. Subcontract							\$2,622.55
	F. Equipment							\$0.00 \$0.00
	i. Equipment					F. TOTALS:		\$3,843.67
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G.	Taxes							
	A. Material	\$2,622.55	@	0	%		exempt	\$0.00
						G. Total		\$0.00
H.	Overhead and Profit	¢2 042 07		40	0/			#204.27
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	B. Profit	φ3,0 4 3.0 <i>1</i>	@	10	%	H. Total		\$384.37 \$768.73
						rotar		ψ100.13
				Re	emova	I T&E TOTAL:		\$4,612.41
								, .,

Colonnelli Brothers, Inc.
An Equal Opportunity Employer
409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for: Provide temporary jersey water barriers #2

Item Description:

Description of extra work: Provide temporary jersey water barriers

Forman										
Labore Appr.	A.									TOTALS
Labor Apprile Carp										
Carpenter							2			
Carp Appr			-							
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Labor Appr. Carpenter @ \$449 Hr! x Hrs										
Carpenier										
Carp Appr.										
Ironworker ② S48 84 /hr x Hrs		Carp Appr.		\$18.23	/Hr	х		Hrs		\$0.00
Teamsler		Operator	@	\$46.07	/Hr	х		Hrs		\$0.00
C. LABOR ADDITIVES Workmen's Compensation Semantic Librity O.00% FICIA FICIA Federal Unemployment O.80% S.550%		Ironworker	@	\$48.84	/Hr	х		Hrs		\$0.00
C. LABOR ADDITIVES Workman's Compensation 9.10% 0.00% F. Composition 0.00% F. Composition 0.00% F. Composition 0.00% F. Composition 0.00% 0.		Teamster	@	\$34.22	/Hr	х		Hrs		\$0.00
Workmen's Compensation Section								A. TOTALS:		\$115.00
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B. SUBCONTRACT Company				@			/ls x		Unit	\$0.00
E. SUBCONTRACT @				@			/ls x		Unit	\$0.00
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H. Total \$821.06										
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Removal T&E TOTAL: \$4,926.34								i otai		φυ∠1.00
						Re	mova	I T&E TOTAL:		\$4,926.34

Colonnelli Rom

An Equal Opportunity Employer

409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for: Item Description:

Over night stay of foreman on site with signal lights truck - 16hrs - OT rate = (24 hrs standard rate) #3

Over night stay of foreman on site with signal lights truck - 16hrs - OT rate = (24 hrs

Removal T&E TOTAL: \$3,275.14

	Description of extra work:		standard rate		r toreman	on si	te with signal	lights truck -	1601S - O1 rate = (24 nrs
A.	LABOR								TOTALS
	Foreman	@	\$53.40	/Hr	х	24	Hrs		\$1,281.60
	Laborers	@	\$50.15	/Hr	х		Hrs		\$0.00
	Labor Appr.	@	\$18.11	/Hr	х		Hrs		\$0.00
	Carpenter	@	\$44.94	/Hr	х		Hrs		\$0.00
	Carp Appr.	@	\$18.23	/Hr	Х		Hrs		\$0.00
	Operator	@	\$62.02	/Hr	х		Hrs		\$0.00
	Ironworker	@	\$47.84	/Hr	х		Hrs		\$0.00
	Teamster	@	\$50.15	/Hr	х		Hrs		\$0.00
R	LABOR BENEFITS						A. TOTALS:		\$1,281.60
В.	Foreman	@	\$41.50	/U r	x	24	Hrs		\$996.00
	Laborers	@	\$36.75		×	27	Hrs		\$0.00
	Laborers Labor Appr.	@	\$18.11		X		Hrs		\$0.00
	• •						Hrs		\$0.00
	Carpenter	@	\$44.94		X				
	Carp Appr.	@	\$18.23		X		Hrs		\$0.00
	Operator	@	\$46.07		X		Hrs		\$0.00
	Ironworker	@	\$48.84		Х		Hrs		\$0.00
	Teamster	@	\$34.22	/Hr	х		A. TOTALS:	••••••	\$0.00 \$996.00
C.	LABOR ADDITIVES								
	Workmen's Compensation				9.10%				
	General Liability				0.00%				
	FICA				7.65%				
	Federal Unemployment				0.80%				
	State Disability				0.75%				
	State Unemployment				5.50%				
					23.80%	of Tax	xable Wages		
					23.80%				\$305.02
							C. TOTALS:		\$305.02
D.	MATERIAL								******
			@			LS		LS	\$0.00
			@			LS		LS	\$0.00
			@			/LS		Unit	\$0.00
			@			/lbs		Unit	\$0.00
			@			/tonx		Unit	\$0.00
			@			/ls x		Unit	
			@			/ls x		Unit	
			•				D. TOTALS:	-	\$0.00
E.	SUBCONTRACT		@			/Еа х		Unit	\$0.00
						/Eax		Unit	
			@			/Ea x	F TOTAL C.	Unit	
F.	EQUIPMENT						E. TOTALS:		\$0.00
	Pick Up		@		\$10.00	/Hr x	16	Hrs	\$160.00
	Dump Truck		@		\$25.00	/Hr x		Hrs	
	Excavator		@		\$55.00			Hrs	\$0.00
	Welding Machine		@		\$40.00			Hrs	\$0.00
	Chain Saw		@		\$10.00			Hrs	\$0.00
	Compressor		@		\$20.00			Hrs	\$0.00
	Concrete Vibrators		@		\$125.00			Hrs	\$0.00
	Roller				\$25.00			Hrs	\$0.00
			@						
	Demo saw/small tools		@		\$10.00	/ПI X	F. TOTALS:	Hrs	\$0.00 \$160.00
G.	SUMMARY						T. TOTALO.		
	A. Labor								\$1,281.60
	B. Labor Benefits								\$996.00
	C. Labor Additives								\$305.02
	D. Material								\$0.00
	E. Subcontract								\$0.00
	F. Equipment								\$160.00
	-4-ib						F. TOTALS:		\$2,742.62
G	Taxes								
G.	A. Material	\$0.00	@		n	%		. exempt	\$0.00
			٥		· ·		G. Total	117	\$0.00
Н.	Overhead and Profit								
	A. Overhead	\$2,582.62	@		10	%			\$258.26
	B. Profit	\$2,742.62	@		10				\$274.26
		· · · · · ·	9		_		H. Total		\$532.52

Colonnelli Brothers, Inc.

An Equal Opportunity Employer
409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for: Item Description:

Trenchbox & crash cushion truck lost time due to issues on the owner side #4 (days of not working due to the issues on NHSA side 9/1, 9/2, 9/9-10/28)

Description of extra work:

Rental of trenchbox and crash cushion truck - 49 days -> 2 months rental

A.	LABOR								TOTALS	
	Foreman	@	\$53.40	/Hr	х		Hrs			\$0.00
	Laborers	@	\$50.15	/Hr	х		Hrs			\$0.00
	Labor Appr.	@	\$18.11	/Hr	х		Hrs			\$0.00
	Carpenter	@	\$44.94	/Hr	Х		Hrs			\$0.00
	Carp Appr.	@	\$18.23		Х		Hrs			\$0.00
	Operator	@	\$62.02		Х		Hrs			\$0.00
	Ironworker	@	\$47.84		Х		Hrs			\$0.00
	Teamster	@	\$50.15	/Hr	х		Hrs A. TOTALS:			\$0.00
R	LABOR BENEFITS						A. IUIALS:			\$0.00
٥.	Foreman	@	\$41.50	/Hr	х		Hrs			\$0.00
	Laborers	@	\$36.75		x		Hrs			\$0.00
	Labor Appr.	@	\$18.11	/Hr	х		Hrs			\$0.00
	Carpenter	@	\$44.94	/Hr	х		Hrs			\$0.00
	Carp Appr.	@	\$18.23		Х		Hrs			\$0.00
	Operator	@	\$46.07		х		Hrs			\$0.00
	Ironworker	@	\$48.84		Х		Hrs			\$0.00
	Teamster	@	\$34.22	/Hr	х		Hrs			\$0.00
_	LABOR ADDITIVES						A. TOTALS:			\$0.00
С.	Workmen's Compensation				9.10%					
	General Liability				0.00%					
	FICA				7.65%					
	Federal Unemployment				0.80%					
	State Disability				0.75%					
	State Unemployment				5.50%					
	. ,				23.80%	of Ta	xable Wages			
					23.80%	х	\$0.00			\$0.00
							0 707410			** **
_	MATERIAL						C. TOTALS:			\$0.00
υ.	National Trench Safety invoice 15490-3	Trenchhox	@		1	LS	\$1,385.06	ıs	\$1.3	385.06
	National Trench Safety invoice 15490-4		@			LS	\$1,385.06			385.06
	· · · · · · · · · · · · · · · · · · ·		@			/LS	* .,	Unit	* .,-	\$0.00
			@			/lbs		Unit		\$0.00
			@			/tonx		Unit		\$0.00
			@			/ls x		Unit		\$0.00
			@			/ls x		Unit		\$0.00
_							D. TOTALS:		\$2,7	770.12
E.	SUBCONTRACT					/Ea x		Unit		60.00
			@ @			/Eax		Unit		\$0.00 \$0.00
			w			/La X	E. TOTALS:	OIIIL		\$0.00
F.	EQUIPMENT						L. TOTALO.			ψ0.00
	Crash cushion truck - International		@		\$965.00	/mon	2	mon	\$1,9	930.00
	Crash cushion truck - attenuator		@		\$545.00	/mon	2	mon		090.00
	Excavator		@		\$55.00	/Hr x		Hrs		\$0.00
	Welding Machine		@		\$40.00	/Hr x		Hrs		\$0.00
	Chain Saw		@		\$10.00			Hrs		\$0.00
	Compressor		@		\$20.00			Hrs		\$0.00
	Concrete Vibrators		@		\$125.00			Hrs		\$0.00
	Roller Demo saw/small tools		@		\$25.00			Hrs		\$0.00
	Demo Sawisman (00)S		@		\$10.00	/ T X	F. TOTALS:	Hrs	¢o r	\$0.00 20.00
G.	SUMMARY						i. IOIALS:		\$3, L	20.00
٥.	A. Labor									\$0.00
	B. Labor Benefits									\$0.00
	C. Labor Additives									\$0.00
	D. Material								\$2,7	770.12
	E. Subcontract									\$0.00
	F. Equipment									20.00
							F. TOTALS:		\$5,7	790.12
G	Taxes									
G.	A. Material	\$2,770.12	@		0	%		evemnt		\$0.00
	A. Waterial	Ψ2,770.12	w.		U	70	G. Total	. exempt		\$0.00
							J. 10.01			40.00
Н.	Overhead and Profit									
	A. Overhead	\$2,770.12	@			%				277.01
	B. Profit	\$5,790.12	@		10	%				579.01
							H. Total		\$8	356.02
					R	mova	I T&E TOTAL:		\$6.6	646.14
							UL TOTAL		Ψ0,0	

Colonnelli Rom

An Equal Opportunity Employer

409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for:

Rental of steel plates, engineering for submittal #12 for the W16 beams, labor to install and cut the beams to comply with spreader bar support

Item Description:

#5 - Fabricate and Supply construction pit covering/protection

A.	LABO	OR .								TOTALS
		Foreman	@	\$53.40	/Hr	х	4	Hrs		\$213.60
		Laborers	@	\$50.15		х		Hrs		\$401.20
		Labor Appr.	@	\$18.11	/Hr	х		Hrs		\$0.00
		Carpenter	@	\$44.94	/Hr	х		Hrs		\$0.00
		Carp Appr.	@	\$18.23	/Hr	х		Hrs		\$0.00
		Operator	@	\$62.02	/Hr	х	1	Hrs		\$62.02
		Ironworker	@	\$47.84	/Hr	х		Hrs		\$0.00
		Teamster	@	\$50.15	/Hr	х	2	Hrs		\$100.30
_								A. TOTALS:		\$777.12
В.		OR BENEFITS		¢44.50	// 1-			Una		£400.00
		Foreman	@	\$41.50		х		Hrs		\$166.00
		Laborers	@	\$36.75		X	0	Hrs		\$294.00
		Labor Appr.	@	\$18.11 \$44.94		X				\$0.00
		Carpenter Carp Appr.	@	\$18.23		х		Hrs		\$0.00 \$0.00
		Operator	@	\$46.07		X X	1	Hrs		\$46.07
		Ironworker	@	\$48.84		x	'	Hrs		\$0.00
		Teamster	@	\$34.22		x	2	Hrs		\$68.44
		- Samotoi	•	Ψ01.22		~	_	A. TOTALS:		\$574.51
C.	LABO	OR ADDITIVES								
	Work	men's Compensation				9.10%				
	Gene	ral Liability				0.00%				
	FICA					7.65%				
		ral Unemployment				0.80%				
		Disability				0.75%				
	State	Unemployment				5.50%				
								xable Wages		
						23.80%	Х	\$777.12		\$184.95
								C. TOTALS:		\$184.95
D.	MATE	ERIAL						o. Totalo.		¥104.00
				@			EΑ		LS	\$0.00
		1" steel plates rental as per invoices	attached	@		1	LS	\$5,207.56	LS	\$5,207.56
				@			/LS		Unit	\$0.00
				@			/lbs		Unit	\$0.00
				@			/tonx		Unit	\$0.00
				@			/ls x		Unit	\$0.00
				@			/ls x		Unit	\$0.00
_								D. TOTALS:		\$5,207.56
E.		CONTRACT				04.00	-	1000	11.9	#4 000 00
		Genesis Engineering - submittal calc	5	@		\$1.00			Unit	\$1,260.00
				@			/Ea x	E. TOTALS:	Unit	\$0.00 \$1,260.00
F	FOUL	PMENT						L. TOTALO.		\$1,200.00
••		Pck up		@		\$10.00	/Hr x		Hrs	\$0.00
		Flat bed Truck		@		\$25.00			Hrs	\$0.00
		Excavator		@		\$55.00			Hrs	\$0.00
		Welding Machine		@		\$40.00	/Hr x		Hrs	\$0.00
		Chain Saw		@		\$10.00	/Hr x		Hrs	\$0.00
		Compressor		@		\$20.00	/Hr x		Hrs	\$0.00
		Concrete Vibrators		@		\$125.00	/Hr x		Hrs	\$0.00
		Roller		@		\$25.00	/Hr x		Hrs	\$0.00
		Demo saw/small tools		@		\$10.00	/Hr x		Hrs	\$0.00
_								F. TOTALS:		\$0.00
G.	SUMI	MARY Labor								6777 40
		Labor Labor Benefits								\$777.12 \$574.51
		Labor Additives								
		Material								\$184.95 \$5,207.56
		Subcontract	•							\$1,260.00
		Equipment								\$0.00
		• •						F. TOTALS:		\$8,004.14
	_									
G.	Taxes		¢5 207 50	@		^	0/.		ovomnt	\$0.00
	A.	Material	\$5,207.56	@		0	%	G. Total	. exempi	\$0.00 \$0.00
								J. I Olai		φυ.υυ
H.		head and Profit	00 = 11 1 1	6			0/			*****
		Overhead	\$6,744.14	@			%			\$674.41
	B.	Profit	\$8,004.14	@		10	%	 ∐ Total		\$800.41 \$4.474.93
								H. Total		\$1,474.83
						Re	emova	I T&E TOTAL:		\$9,478.97
										,

Colonnelli Brothers, Inc.
An Equal Opportunity Employer
409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for: Item Description:

Increase/backfill excavation pit - relocation of trenchbox due to slope on 24" pipe

Description of extra work:

Increase/backfill excavation pit - relocation of trenchbox due to slope on 24" pipe

Δ	LABOR								TOTALS
٦.	Foreman	@	\$53.40	/Hr	x	8	Hrs		\$427.20
	Laborers	@	\$50.15		×		Hrs		\$1,203.60
	Labor Appr.	@	\$18.11		x	2-1	Hrs		\$0.00
	Carpenter	@	\$44.94		x		Hrs		\$0.00
	Carp Appr.	@	\$18.23		x		Hrs		\$0.00
	Operator	@	\$62.02		x	8	Hrs		\$496.16
	Ironworker	@	\$47.84		X	Ü	Hrs		\$0.00
	Teamster	@	\$50.15		x	8	Hrs		\$401.20
	realister	w.	ψου. το	/···	^	Ü	A. TOTALS:		\$2,528.16
В.	LABOR BENEFITS								
	Foreman	@	\$41.50		Х		Hrs		\$332.00
	Laborers	@	\$36.75		Х	24	Hrs		\$882.00
	Labor Appr.	@	\$18.11		Х		Hrs		\$0.00
	Carpenter	@	\$44.94		Х		Hrs		\$0.00
	Carp Appr.	@	\$18.23		Х		Hrs		\$0.00
	Operator	@	\$46.07	/Hr	Х	8	Hrs		\$368.56
	Ironworker	@	\$48.84		Х		Hrs		\$0.00
	Teamster	@	\$34.22	/Hr	х	8	Hrs		\$273.76
_	LABOR ARRITMES						A. TOTALS:		\$1,856.32
C.	LABOR ADDITIVES Workmen's Compensation				9.10%				
	General Liability				0.00%				
					7.65%				
	FICA								
	Federal Unemployment				0.80%				
	State Disability				0.75%				
	State Unemployment				5.50%				
							xable Wages		
					23.80%	Х	\$2,528.16		\$601.70
							C. TOTALS:		\$601.70
D.	MATERIAL						0 0		***************************************
			@			/lbs		lbs	\$0.00
			@			/wkl		Unit	\$0.00
			@			/LS		Unit	\$0.00
			@			/lbs		Unit	\$0.00
			@			/tonx		Unit	
			@			/ls x		Unit	
			@			/Is x		Unit	
			©			/10 X	D. TOTALS:	OTHE	\$0.00
E.	SUBCONTRACT								*****
			@			/Ea x		Unit	\$0.00
			@			/Ea x		Unit	\$0.00
							E. TOTALS:		\$0.00
F.	EQUIPMENT								
	pick up		@		\$10.00			Hrs	
	Dump Truck		@		\$25.00	/Hr x	8	Hrs	\$200.00
	Excavator		@		\$55.00	/Hr x	8	Hrs	\$440.00
	Welding Machine		@		\$40.00	/Hr x		Hrs	\$0.00
	Chain Saw		@		\$10.00	/Hr x		Hrs	\$0.00
	Compressor		@		\$20.00	/Hr x		Hrs	\$0.00
	Concrete Vibrators		@		\$125.00			Hrs	\$0.00
	Roller		@		\$25.00	/Hr x		Hrs	\$0.00
	Demo saw/small tools		@		\$10.00			Hrs	\$0.00
	Bome dam, oman tools		•		ψ.ιο.οο	, X	F. TOTALS:		\$720.00
G.	SUMMARY								
	A. Labor								\$2,528.16
	B. Labor Benefits								\$1,856.32
	C. Labor Additives								\$601.70
	D. Material								\$0.00
	E. Subcontract								\$0.00
	F. Equipment								\$720.00
	. Equipment						F. TOTALS:		\$5,706.18
G.	Taxes	00.00	0		_	0/			***
	A. Material	\$0.00	@		0	%	C T-4-1	exempt	\$0.00
							G. Total		\$0.00
H.	Overhead and Profit								
	A. Overhead	\$4,986.18	@		10				\$498.62
	B. Profit	\$5,706.18	@		10	%			\$570.62
							H. Total		\$1,069.24
					Re	mova	I T&E TOTAL:		\$6,775.42

FROM

Colonnelli Brothers, Inc.

An Equal Opportunity Employer 409 South River Street, Hackensack, New Jersey 07601 Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for: Lost crew time, due to issues on NHSA side - leaking 12" main Item Description: 9/1 - Foreman observing site after flooding - break in downstream manhole 9/9 - 2nd time to fill the 12" main after creamer repair - fail again, upper manhole 9/27 - 3rd time to fill the 12" main after manhole repair - main filled up no flow 10/21 - opening site and removing plates for Waterworks inspection (pump sollution) Description of extra work: Lost crew time due to issues on NHSA side A. LABOR TOTALS \$53.40 /Hr \$1,602.00 Foreman @ Laborers \$50.15 /Hr 32.5 Hrs..... \$1,629.88 Labor Appr. @ \$18.11 /Hr Hrs..... \$0.00 Carpenter \$44.94 /Hr Hrs..... \$0.00 Hrs.... Carp Appr. @ \$18.23 /Hr \$0.00 \$62.02 /Hr \$0.00 Operator @ Hrs..... \$47.84 /Hr Ironworker Hrs..... \$0.00 Teamster @ \$50.15 /Hr Hrs.....A. TOTALS: \$0.00 \$3,231.88 B. LABOR BENEFITS Foreman @ \$41.50 /Hr 30 Hrs..... \$1,245.00 000 \$36.75 /Hr \$18.11 /Hr Laborers 32.5 Hrs..... \$1,194.38 Labor Appr. Carpenter \$44.94 /Hr Hrs..... \$0.00 Carp Appr. @ \$18.23 /Hr Hrs \$0.00 \$46.07 /Hr \$0.00 Operator Hrs..... . Ironworker \$48.84 /Hr \$0.00 @ Teamster \$34.22 /Hr \$0.00 A. TOTALS: \$2,439,38 C. LABOR ADDITIVES Workmen's Compensation General Liability 9 10% 0.00% FICA 7.65% Federal Unemployment 0.80% State Disability 0.75% State Unemployment 5.50% 23.80% of Taxable Wages 23.80% x \$3.231.88 ... \$769.19 C. TOTALS: \$769.19 D. MATERIAL @ /lbs \$0.00 @ /wkl \$0.00 Unit..... @ /LS \$0.00 /lbs Unit..... \$0.00 @ /tonx @ /ls x Unit \$0.00 Ō, /ls x Unit..... \$0.00 D. TOTALS: \$0.00 F. SUBCONTRACT \$0.00 @ /Еа х Unit..... @ E. TOTALS: \$0.00 F. EQUIPMENT pick up @ \$10.00 /Hr x \$300.00 0000 \$25.00 /Hr x \$55.00 /Hr x Dump Truck \$0.00 Excavator Hrs..... \$0.00 Welding Machine \$40.00 /Hr x \$0.00 Hrs..... Chain Saw @ \$10.00 /Hr x \$0.00 \$20.00 /Hr x Hrs..... Compressor @ \$0.00 \$125.00 /Hr x Concrete Vibrators \$0.00 @ Hrs..... Roller \$25.00 /Hr x \$0.00 Demo saw/small tools \$10.00 /Hr x Hrs..... \$0.00 F. TOTALS: \$300.00 G. SUMMARY \$3 231 88 Α Labor В. Labor Benefits \$2,439.38 Labor Additives \$769.19 D. Material \$0.00 E. Subcontract \$0.00 \$300.00 Equipment F. TOTALS: \$6,740.44 G. Taxes A. Material \$0.00 0 % exempt \$0.00 G. Total \$0.00 H. Overhead and Profit Overhead \$6,440.44 10 % \$644.04 @ В. Profit \$6,740.44 @ H. Total \$1,318.09

Removal T&E TOTAL:

\$8,058.52

FROM

Colonnelli Brothers, Inc.

An Equal Opportunity Employer
409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for:

Purchase 24" valve, 24" DIP spool piece, megalugs and bolts, 2 x 24" Hymax, prepare assembly for installation #8 24" Valve assembly material and preparation

Item Description:

Purchase 24" valve, 24" DIP spool piece, megalugs and bolts, 2 x 24" Hymax, prepare assembly for installation - prepared on SAT10/29 OT rate (8 hrs) Description of extra work:

		Description of extra work.		prepare asse	illibiy	101 111316	illatioi	i - prepared o	1 3A1 10/29 U1	rate (o ms)
Α.	LAB	OR								TOTALS
		Foreman	@	\$53.40	/Hr	х	12	Hrs		\$640.80
		Laborers	@	\$50.15		X		Hrs		\$802.40
		Labor Appr.	@	\$18.11		x		Hrs		\$0.00
		Carpenter	@	\$44.94		x		Hrs		\$0.00
		Carp Appr.	@	\$18.23		x		Hrs		\$0.00
		Operator	@	\$62.02		x		Hrs		\$0.00
		Ironworker		\$47.84		X		Hrs		\$0.00
		Teamster	@				2			
		reamster	@	\$50.15	/HI	х	2	Hrs		\$100.30
ь	LAD	OR BENEFITS						A. TOTALS:		\$1,543.50
В.	LAD	Foreman	@	\$41.50	/Ur	х	12	Hrs		\$498.00
		Laborers	@	\$36.75				Hrs		\$882.00
			@			X	24			
		Labor Appr. Carpenter	@	\$18.11		X		Hrs		\$0.00
		•	@	\$44.94		X		Hrs		\$0.00
		Carp Appr.	@	\$18.23		Х		Hrs		\$0.00
		Operator	@	\$46.07		х		Hrs		\$0.00
		Ironworker	@	\$48.84		Х	_	Hrs		\$0.00
		Teamster	@	\$34.22	/Hr	х	2	Hrs		\$68.44
c	LAD	OR ADDITIVES						A. TOTALS:		\$1,448.44
U.						9.10%				
		kmen's Compensation								
		eral Liability				0.00%				
	FICA					7.65%				
		ral Unemployment				0.80%				
		Disability				0.75%				
	State	Unemployment				5.50%				
								xable Wages		
						23.80%	Х	\$1,543.50		\$367.35
								C. TOTALS:		\$367.35
D.	MAT	ERIAL	2				// C	644 500 60	1.0	A44 FAA AA
		24" valve - Jim Jolly sales inv.JJS2983		@			/LS	\$11,569.00		\$11,569.00
		Brent material INV. 2113848 - 24" Hyma		@			/LS	\$1,970.00		\$1,970.00
		Brent material INV. 2114485 - 24" Hyma		@			/LS	\$1,970.00		\$1,970.00
		Brent material INV. 2117290 - megaluge		@			/LS	\$1,313.09		\$1,313.09
		Raritan pipe INV. 3119810 - 24" spool p	oiece	@		1	/LS	\$3,949.33		\$3,949.33
				@			/ls x		Unit	\$0.00
				@			/ls x		Unit	\$0.00
_								D. TOTALS:		\$20,771.42
E.	SUB	CONTRACT					-		11.9	***
				@			/Ea x		Unit	
				@			/Ea x	E. TOTALS:	Unit	\$0.00 \$0.00
F	FOLI	IPMENT						E. IUIALS.		\$0.00
• • •	_40	pick up		@		\$10.00	/Hr x	8	Hrs	\$80.00
		Flat bed Truck		@		\$25.00			Hrs	
		Excavator		@		\$55.00		4	Hrs	\$220.00
						\$40.00		4	Hrs	\$0.00
		Welding Machine		@						
		Chain Saw		@		\$10.00			Hrs	\$0.00
		Compressor		@		\$20.00			Hrs	\$0.00
		Concrete Vibrators		@		\$125.00			Hrs	\$0.00
		Roller		@		\$25.00			Hrs	\$0.00
		Demo saw/small tools		@		\$10.00	/Hr x		Hrs	\$0.00
_	CLIM	MADY						F. TOTALS:		\$350.00
G.		MARY Labor								¢4 E42 F0
										\$1,543.50
		Labor Benefits								\$1,448.44
	C.	Labor Additives								\$367.35
	D.	Material								\$20,771.42
	Ε.	Subcontract								\$0.00
	F.	Equipment								\$350.00
								F. TOTALS:		\$24,480.71
G.	Taxe									
	A.	Material	\$20,771.42	@		0	%		. exempt	\$0.00
								G. Total		\$0.00
Н.	Over	head and Profit								
	A.	Overhead	\$24,130.71	@		10	%			\$2,413.07
	B.	Profit	\$24,480.71	@		10	%			\$2,448.07
				-				H. Total		\$4,861.14
										*** *** ***
						Re	emova	I T&E TOTAL:		\$29,341.86

Colonnelli Brothers, Inc.

An Equal Opportunity Employer
409 South River Street, Hackensack, New Jersey 07601
Phone: (201) 440-1118, Fax: (201) 440-8282

T&M Breakdown for:

Lost crew time due to removal and reinstallation of site safety measures steel plates

daily 45 min (22.5 min to uncover and 22.5 min to cover) the site pit & install traffic

and steel beams (daily)
#9 - crew had to remove 1" steel plates, 16W beams install the road barriers and remove this at the end of the day

Item Description:

Description of extra work:

daily 45 min (22.5 min to uncover and 22.5 min to cover, ... safety barriers 8/8 - 9/19 (without 9/9) - 22 days 9/20-9/26 work on manholes chang order - NOT applicable 9/27 - reimbursed in #7 - NOT applicable 10/28-10/15 - 11 days

			Daily crew 1 l	Forer	nan, 2 lat	orers,	1 Operator		
Δ	LABOR								TOTALS
л.	Foreman	@	\$53.40	/Hr	х	24 75	Hrs		\$1,321.65
	Laborers	@	\$50.15		X		Hrs		\$2,482.43
	Labor Appr.	@	\$18.11		x	10.0	Hrs		\$0.00
	Carpenter	@	\$44.94		X		Hrs		\$0.00
	Carp Appr.	@	\$18.23		х		Hrs		\$0.00
	Operator	@	\$62.02	/Hr	х	24.75	Hrs		\$1,535.00
	Ironworker	@	\$47.84	/Hr	х		Hrs		\$0.00
	Teamster	@	\$50.15	/Hr	х		Hrs		\$0.00
							A. TOTALS:		\$5,339.07
В.	LABOR BENEFITS								
	Foreman	@	\$41.50		Х		Hrs		\$1,027.13
	Laborers	@	\$36.75		х	49.5	Hrs		\$1,819.13
	Labor Appr.	@	\$18.11		х		Hrs		\$0.00
	Carpenter	@	\$44.94		X		Hrs		\$0.00
	Carp Appr. Operator	@	\$18.23 \$46.07		X X	24.75	Hrs		\$0.00 \$1,140.23
	Ironworker	@ @	\$48.84		×	24.73	Hrs		\$1,140.23
	Teamster	@	\$34.22		×		Hrs		\$0.00
	reamster	w .	Ψ04.22	/1 11	^		A. TOTALS:		\$3,986.48
C.	LABOR ADDITIVES						7 O . 7.1.20.		40,000.10
	Workmen's Compensation				9.10%				
	General Liability				0.00%				
	FICA				7.65%				
	Federal Unemployment				0.80%				
	State Disability				0.75%				
	State Unemployment				5.50%	_			
							able Wages		
					23.80%	X	\$5,339.07		\$1,270.70
							C. TOTALS:		\$1,270.70
D.	MATERIAL								
			@			/LS		LS	\$0.00
			@			/LS		LS	\$0.00
			@			/LS		LS	\$0.00
			@			/LS		LS	\$0.00
			@			/LS		LS	\$0.00
			@			/Is x		Unit	\$0.00
			@			/Is x	D. TOTALS:	Unit	\$0.00 \$0.00
E.	SUBCONTRACT								*****
			@			/Ea x		Unit	\$0.00
			@			/Ea x		Unit	\$0.00
							E. TOTALS:		\$0.00
F.	EQUIPMENT								
	pick up		@		\$10.00		24.75	Hrs	\$247.50
	Flat bed Truck		@		\$25.00			Hrs	\$0.00
	Excavator		@		\$55.00		24.75	Hrs	\$1,361.25
	Welding Machine		@		\$40.00			Hrs	\$0.00
	Chain Saw		@		\$10.00			Hrs	\$0.00
	Compressor Concrete Vibrators		@		\$20.00			Hrs	\$0.00
	Roller		@		\$125.00 \$25.00			Hrs	\$0.00 \$0.00
	Demo saw/small tools		@		\$10.00			Hrs	\$0.00
	Beine sawisman tools		•		ψ10.00	/I II X	F. TOTALS:	1113	\$1,608.75
G.	SUMMARY								* -,
	A. Labor								\$5,339.07
	B. Labor Benefits								\$3,986.48
	C. Labor Additives								\$1,270.70
	D. Material								\$0.00
	E. Subcontract								\$0.00
	F. Equipment								\$1,608.75
							F. TOTALS:		\$12,205.00
G.	Taxes								
	A. Material	\$0.00	@		0	%	O T-4-1	exempt	\$0.00
							G. Total		\$0.00
н	Overhead and Profit								
•••	A. Overhead	\$10,596.25	@		10	%			\$1,059.63
	B. Profit	\$12,205.00	@			%			\$1,220.50
			~				H. Total		\$2,280.13
					_		1 TO F TO T.		A
					F	remova	I T&E TOTAL:		\$14,485.13