

Town of Stonington
K-12 School Building Committee
Regular Meeting Minutes
Tuesday, September 18, 2018
6:00 p.m.
Central Office, Old Mystic, CT
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Members Present: Rob Marseglia, Chairman; Kate Rotella, Vice Chairwoman; June Strunk, Dan Oliverio, Deborah Downie, George Crouse, Kathy Sanford, Wendy Wilbert, Bobby Mitchell, Debra Widmer and Blunt White

Members Absent: Julie Holland, Secretary; and Rob Sundman

Recording Secretary: Sandy Tissiere

Guests and Citizens: Wes Greenleaf, Interim Director of Operations and Facilities, Stonington Public Schools; Robert Hart, Project Manager, Colliers; Jim Barrett, Principal; Greg Smolley, Studio Director, CT and Senior Project Manager, DRA; Aleita Hall, Senior Project Manager; Taylor Gladding, Project Manager; Gilbane and Byron Stillman, Assistant Fire Chief, Pawcatuck Fire Department

1. **Finance subcommittee meeting - call to order**

The Finance subcommittee meeting was called to order at 4:30 p.m. Those present were June Strunk, Blunt White, and Bobby Mitchell. Change orders and invoices were discussed.

2. **Finance subcommittee meeting - adjourn**

Meeting was adjourned at 5:57 p.m. A motion was made by Blunt White and seconded by Bobby Mitchell, the motion carried.

3. **K-12 School Building Committee Call to Order**

Chairman Marseglia called the K-12 School Building Committee meeting to order at 6:00 p.m.

4. **Seating of Alternates**

Bobby Mitchell, Debra Widmer and Blunt White were seated as alternates.

5. **Approval of Outstanding Minutes**

The minutes from August 21, 2018 was presented with changes made to Item #1 - Finance Subcommittee meeting. The minutes from September 4, 2018 were presented with Item #1 - Finance Subcommittee meeting and Item #2 - Finance subcommittee meeting - Adjourn added to the minutes. Mr. Hart noted a correction was needed under Item #7. iii. changing the wording *contingency budgets* to *overall budgets*.

The following motion was made by Kate Rotella and seconded by George Crouse:

Motion #1: To approve the minutes of August 21, 2018 as amended and September 4, 2018 as amended with the suggested correction.

August 21, 2018	September 4, 2018
Aye: Rob Marseglia, Kate Rotella, June Strunk, Dan Oliverio, George Crouse, Kathy Sanford, Wendy Wilbert, Bob Mitchell, and Blunt White	Aye: Rob Marseglia, Kate Rotella, Vice June Strunk, Dan Oliverio, Deborah Downie, Kathy Sanford, Wendy Wilbert, Debra Widmer and Blunt White
Abstention: Kate, Rotella, Deborah Downie and Debra Widmer	Abstention: Bobby Mitchell and George Crouse

6. **Architect**

a. Architect Updates

1. Update - FF&E updates

i. **Custodian office equipment**

Mr. Smolley reported one of the desks from the main office will fit into the custodian office. The committee discussed the furniture ordered and delivered to determine if there is a need to buy a chair. Mr. Smolley will determine how many chairs are at the school based on the number purchased and determine if there is a need to buy a chair.

ii. **Classroom Chairs**

Mr. Smolley is following through where the request for the change of the height of the kindergarten chairs originated. Mr. Smolley discussed a furniture advisory committee meeting on March 29th that made the decision to order the 14 inch chairs. Mr. Smolley and Mr. Hart explained how and when all the student chairs were delivered and distributed. Mr. Hart and Mr. Smolley will present a resolution to the chair issue at the next meeting.

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2. Update - Technology

The laptop cabinets have not been purchased. There is casework installed to house the cabinets. The DRA technology associate is working with the vendor on the purchase.

Mr. Smolley discussed the computers and monitors that run the security in the schools. There is an alcove in the hallway for the monitors but was not functional so the monitors will be wall mounted. Mr Smolley said his suggestion would be for the security computer to sit on a shelf in the alcove with software installed to make the monitors operable from the administration office.

3. Playgrounds

Greg Smolley reported the independent reviewer through the town is finished and the recommended changes from the state have been made so the playground plans are ready for submission to the state.

The price of the compact materials that go under the surfacing were discussed. June Strunk explained these materials go under the rubberized surface to hold it in place and bring it up to the required height and would have an additional cost of \$81,000.00 per school. June Strunk recommended holding off on approval of these additional costs until the spring when there would be more information available to determine the affordability of the materials. The committee compared the options of accessibility of the playgrounds between wood chips and the rubberized surface. Mr. Smolley recommended going to the state with the sets of playground plans that are designed to get approval, and, in the spring, if the decision needs to be changed, it can.

4. Schedule and topics for DRA/Owner meetings

This item not discussed.

5. Memorials and saved trees

The document of all the items identified prior to construction has been distributed. Aleita Hall said they own putting them back and someone needs to identify where they need to be placed. Wes Greenleaf reported the principals prefer to wait until the outside of the schools are further along to determine where they need to go.

b. Architect Actions

No action taken.

7. Construction Manager

a. CM Update

Aleita Hall reported at West Vine Street School the rough in for the kitchen is done and the second floor is being framed in and the first floor corridor concrete is being poured. The masonry infill is being done, some ceilings are up and the veneer on the outer brick is in process. Aleita Hall said the goal is to get the building weather tight before winter. The windows were discussed, Aleita Hall said they have to wait for measurements until all the infill is done. Regarding the elevated CO₂ levels, Aleita Hall reported the building has adjusted to the occupants and they are still monitoring the building.

Taylor Gladding reported on Deans Mill School saying the second floor has been framed in and the rough ins have been done. The masons have done the infills and the first floor has been laid out for framing. Ms. Gladding reported the kitchen is almost done and the slab should be poured by the end of next week

b. Update DMS Covered walkway

Ms. Gladding reported the walkway opened last Monday and so far there hasn't been any complaints.

c. CM Actions

No action taken.

8. OPM

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a. OPM Update

i. Office Furniture Update

Rob Hart reported they have the 2-d plans and will meet with principals for discussion and will get pricing from there.

ii. Update WVSS antenna relocation

Rob Hart said this complete but an additional speaker is needed. The group discussed the need of this speaker. Rob Hart will work with Kevin Burns, Pawcatuck Fire Chief, to discuss costs.

iii. Invoices, change orders, and financial reports

Rob Hart presented the Deans Mill School Invoices as follows: DRA, Invoice #33, \$16,906.50; Gilbane, Invoice #14, \$600,938.98; Colliers, Invoice #22549, \$7,932.00; WB Meyer, Invoice #20-002495, \$550.00; WB Meyer, Invoice #20-002285, \$12,589.50; Langan Environmental, Invoice #55123, \$26,055.79; Langan Environmental, Invoice #55238c, \$5,904.39; Langan Environmental, Invoice #55241, \$70,058.71; Anchor Engineering, Invoice #29807, \$1,627.50; Horizon Engineering, Invoice #E2016Z-156-23, \$2,126.87; Materials Testing, Inc., Invoice #17433-IM, \$275.00; Materials Testing, Inc., Invoice #17570-IM, \$760.00; Extreme Networks, Invoice #2032296, \$5,412.50; CLA Engineering, Invoice #2A, \$500.00; CLA Engineering, Invoice #3A, \$487.50, CDW, Invoice #NSL675, \$90,321.00; Gooe, Invoice #592364, \$3,989.70 for a total amount of \$1,848,435.94.

The following motion was made Blunt White and seconded by Dan Oliverio:

Motion #2: To approve the Deans Mill School invoices in the total amount of \$1,848,435.94.

All: Aye

Rob Hart presented the West Vine Street School invoices as follows: DRA, Invoice #33, \$14,827.50; Gilbane, Invoice #14, \$1,521,296.20; Colliers, Invoice #22560, \$7,932.00; WB Meyer, Invoice #120-002280, \$11,140.50; Langan Environmental, Invoice #55122, \$37,763.03; Langan Environmental, Invoice #55238c, \$5,773.75; Langan Environmental, Invoice #55250, \$61,145.11; Horizon Engineering, Invoice #R2016Z-156-24, \$2,038.13; Anchor Engineering, Invoice #2980b, \$1,627.50; CLA Engineering, Invoice #38, \$3,826.00; CLA Engineering, Invoice #48, \$375.20; Extreme Networks, Invoice #12032246, \$2,250.00, Tactical Communications, Invoice #659, \$4,567.45 (this invoice put on hold) for a total amount of \$1,669,793.72.

The following motion was made by Blunt White and seconded by Dan Oliverio:

Motion #3: To approve the West Vine Street School invoices in the amount of \$1,669,793.72 with Tactical Communications being put on hold.

June Strunk presented the Deans Mill School change orders as follows: ATP-108/OS-124, PR-21 Area B Plumbing Revisions, \$8,788.00; ATP-109/OS-123, Restocking Fee for Hand Dryers, \$2,455.00; ATP-110/OS-137, Enlarged Pad for Propane Tanks, \$13,056.00; ATP-112/OS-146, Additional Masonry infills after Demolition - Time and Material Not-to-Exceed, \$130,090.00; ATP-113/OS-147 Gravel Base for Playground Surface, \$81,129.00 (this change order put on hold); ATP-114/IS-95, Additional Floor Prep in Area B - In-Scope Change (Paid by CM Contingency - \$7,345.00); ATP-115/OS-138, Area B Moisture Mitigation, \$80,813.00 for a total amount of \$235,202.00

The following motion was made by Dan Oliverio and seconded by Bob Mitchell:

Motion #4: To approve the Deans Mill School change orders in the total amount of \$235,202.00 with change order for the additional gravel base for the rubber playground surface being put on hold.

All: Aye

June Strunk presented the West Vine Street School change orders as follows: #ATP-100/OS-109, Tactile Boards in PR #2, \$3,420.00; #ATP-103/OS-110, Additional CMU infill following Hazmat Demo, \$118,735.00; #ATP-104/OS-117, Restock of Electric Hand Dryers, \$2,038.00; #ATP-105/IS-057; Roof Angles on Architectural Plans-in-Scope Change (paid by CM Contingency -\$24,014.00); ATP-106/OS-13, RFI 187, Kitchen Food Trough, \$2,149.20; ATP-107/OS-104, Area B Moisture Mitigation and Leveling on 1st Floor, \$92,931.00; ATP-108/IS048, Additional Floor Prep Area B 2nd Floor - in-scope charge (Paid by Contingency - \$6,939.00); ATP-109/OS-118, Additional Gravel Base for Rubber Playground Surface, \$81,129.00 (this item put on hold); ATP-110/S-IS-062, Exterior Porcelain Enamelled Steel Sign In-Scope Change (Paid by CM Contingency - \$32,316.00) for a total amount of \$219,273.00.

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The following motion was made by Blunt White and seconded by Dan Oliverio:

Motion #5: To approve the West Vine Street School change orders for the amount of \$219,273.00 with the change order for the additional gravel base for the rubber playground surface being put on hold.

All: aye

Rob Hart reported the budget bottom line at Deans Mill School is \$1,871,000.00 and at West Vine Street School is \$257,000.00. The committee discussed items already included in these amounts and items that may affect these amounts.

Mr. Hart presented the Wireless Design proposal for the installation of the antenna at Deans Mill School for review. The committee discussed the necessity of the installation of this antenna and if the system had been tested to ensure its necessity. It was suggested a physical test be performed before the proposal is approved; Rob Marseglia will contact Chief Stewart to inquire of the facilitation of this testing.

- b. OPM Actions
No actions taken.

9. **New Business**

The discussion was about what would happen if the West Vine Street School budget runs out of money. Rob Hart discussed the options of soft costs that could be brought back into the budget, allowances and the construction manager contingency budget. Mr. Hart told the committee the budget may be getting tight but the project is getting to the end and there shouldn't be any big ticket items that should come up.

Chairman Marseglia discussed the regular meeting schedule that will be presented at the next meeting.

10. **Old Business**

- a. WVSS Update - Outdoor classroom - Sensory Garden

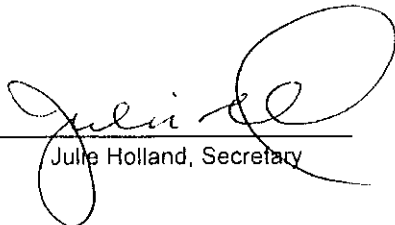
The committee discussed the Sensory Garden and if water and electricity had been provided for that area. There is water availability but it is currently diverted to the fields. There is an electrical conduit being ran to the shed but there isn't a wire in it to provide the electricity. The committee discussed the options of the best way to get electricity to the shed. Aleita Hall will explore a cost estimate on getting electricity to the shed; there will have to be a discussion with Julie Holland and her committee regarding the electrical needs of the Sensory Garden.

11. **Adjourn**

The following motion was made by June Strunk and seconded by Bobby Mitchell

Motion #: To adjourn the meeting at 8:27 p.m.

All: Aye



Julie Holland, Secretary



Public Building Commission
 Rob Marseglia, Chairman
 Kate Rotella, Vice-Chairman
 Robert Synanon
 Julie Holland
 George Crouse
 Deborah Downie
 June Strunk
 Caryn Santoro
 Dan Oliviero
 Nancy Wilbert

West Vine Street School Project
 State Project No.: 137-0048
 Change Order Approval Cover Sheet

Building Committee Date: 9-18-18

CHANGE ORDERS		
ATP/OS #	Description	Amount
ATP-100/ OS-109	Tactile Boards in PR #2	\$ 3,420.00
ATP-103/ OS-110	Additional CML Infill following Hazmat Demo	\$ 118,735.00
ATP-104/ OS-117	Restock of Electric Hand Dryers	\$ 2,038.00
ATP-105/ IS-057	Roof Angles on Architectural Plans - In-Scope Change (Paid by CM Contingency - \$24,314.00)	\$ -
ATP-106/ OS-113	RFI 187 Kitchen Floor Trough	\$ 2,149.00
ATP-107/ OS-104	Area B Moisture Mitigation and Leveling on 1st Floor	\$ 92,931.00
ATP-108/ IS-048	Additional Floor Prep in Area B 2nd Floor - In-Scope Change (Paid by CM Contingency - \$6,939.00)	\$ -
ATP-109/ OS-118	Additional Gravel Base for Paved Bldg. Ground Surfaces	\$ 81,129.00
ATP-110/ IS-062	Exterior Porcelain Enamelled Steel Sign - In-Scope Change (Paid by CM Contingency - \$32,316.00)	\$ -
TOTAL OF CHANGE ORDERS		\$ 300,402.00

on hold -

Approvals:

Stonington K-12 Building Committee

\$ 219,273.00

(One of two columns required to sign)	_____ Robert Marseglia, Chairperson	_____ Date
	_____ Kate Rotella, Vice-Chairperson	_____ Date
Town Official Signatures	_____ Robert Simmons, First Selectman	_____ Date
	_____ James Sullivan, Finance Director	_____ Date
	_____	_____ Date

Colliers International, Owners Project Manager

Robert Hart, Asst. Project Manager

Date



G

F

E

D

D2

D1

C

	A		B		C		D				E	F	G
	Project Budget 7/7/17		Approved Transfers		Approved Budget with Transfers		Contracted Project Costs						
							Paid	Unpaid	Total Contract	Planned, but not Contracted			
I. Building Construction													
A. New Building & Renovation	\$ 25,080.2	3,026.4	\$ 3,026.4	\$ 28,106.6		\$ 19,028.4	\$ 8,847.2	\$ 27,875.6	\$ 231.0	\$ 28,106.6	\$ -		
B. Other Construction	-	-	-	-		19,028.4	8,847.2	27,875.6	231.0	28,106.6	-		
Total Building Construction	25,080.2	3,026.4	3,026.4	28,106.6		19,028.4	8,847.2	27,875.6	231.0	28,106.6	\$ -		
II. Related Construction													
A. Sitework	-	-	-	-		-	-	-	-	-	-		
B. Site Utility Systems	-	-	-	-		-	-	-	-	-	-		
C. Hazardous Materials	-	-	-	-		-	-	-	-	-	-		
Total Related Construction	-	-	-	-		-	-	-	-	-	\$ -		
III. Inflation													
Total Construction	\$ 25,080.2	\$ 3,026.4	\$ 3,026.4	\$ 28,106.6		\$ 19,028.4	\$ 8,847.2	\$ 27,875.6	\$ 231.0	\$ 28,106.6	\$ -		
IV. Furniture, Fixtures & Equipment (FF&E)													
A. Loose Furnishings	1,254.0 included	116,339	1,090.1	1,090.1		-	851.7	851.7	17.5	869.2	220.9		
B. Program Related Equipment	150.0 included	150.0	150.0	150.0		-	-	-	164.9	164.9	(14.9)		
C. Computer/Data/Wiring	183.1 included	183.1	183.1	183.1		277.2	52.0	329.2	-	329.2	(146.1)		
D. Telecommunications	439.0 included	439.0	439.0	439.0		-	23.5	23.5	-	23.5	(23.5)		
E. Audio/Visual Equipment	439.0 included	439.0	439.0	439.0		-	214.0	214.0	-	214.0	(23.5)		
F. Specialty Signage	1,254.0 included	608.2	1,862.2	1,862.2		277.2	1,141.2	1,418.4	182.4	1,600.8	225.0		
Total FF & E	1,254.0	608.2	1,862.2	1,862.2		277.2	1,141.2	1,418.4	182.4	1,600.8	261.4		
V. Fees and Expenses													
A. Fees													
1. Existing Conditions & Space Program Architect	1,999.0 w/ architect	128.4	2,037.4	2,037.4		1,809.1	228.3	2,037.4	-	2,037.4	-		
2. Structural Eng.	w/ architect	-	-	-		-	-	-	-	-	-		
3. MEP Eng.	w/ architect	-	-	-		-	-	-	-	-	-		
4. Civil Eng.	w/ architect	-	-	-		-	-	-	-	-	-		
5. Landscape Arch.	w/ architect	-	-	-		-	-	-	-	-	-		
6. Interior/Furniture Designer	w/ architect	-	-	-		-	-	-	-	-	-		
7. Code	w/ architect	-	-	-		-	-	-	-	-	-		
8. Lighting	w/ architect	-	-	-		-	-	-	-	-	-		
9. Acoustical	w/ architect	-	-	-		-	-	-	-	-	-		
10. Signage	w/ architect	-	-	-		-	-	-	-	-	-		
11. Referendum Services	w/ architect	-	-	-		-	-	-	-	-	-		
12. Special Consultants	w/ architect	-	-	-		-	-	-	-	-	-		
13. Haz. Mat. Consultant	150.0	-	150.0	150.0		225.9	76.1	302.0	-	302.0	(152.0)		

A B C D1 D2 D E F G

	Project Budget 7/7/17		Budget		Contracted Project Costs			Planned, but not Contracted	Anticipated Total Costs	Remaining Balance
	w/ architect	w/ architect	Approved Transfers	Approved Budget with Transfers	Paid	Unpaid	Total Contract			
b Audio/Visual					11.2	14.4	25.6	-	25.6	(25.6)
c Computer/Info. Systems					21.3	-	21.3	-	21.3	13.7
d Geo-Tech	35.0	35.0								
e Traffic										
f Ecologist/Soil Sample	12.0					1.4	12.0		12.0	
g Peer Reviews	25.0					3.5	24.0		24.0	1.0
h Stormwater Monitoring	40.0					14.7	31.9	8.1	40.0	
4 Project Management	300.0		103.1	403.1	248.4	134.9	383.3	19.8	403.1	
5 Building Commissioning	68.6			68.6	35.2	33.4	68.6		68.6	
6 CM Pre'con										
7 Owner's Legal Fees	50.0			50.0	15.7		15.7		15.7	34.3
8 Site Survey	25.0			25.0	21.2	1.1	22.3	2.7	25.0	
9 Utility Assessment	50.0			50.0	30.9		29.9	20.1	50.0	
Sub-total Fees	2,664.6		231.5	2,896.1	2,466.2	507.8	2,974.0	50.7	3,024.7	(128.6)
B. Expenses										
1 Owner's Insurance	30.0			30.0	2.5		2.5	27.5	30.0	
2 Permits	15.0			15.0	1.5		1.5	13.5	15.0	
3 Printing	15.0			15.0	8.1		8.1	6.9	15.0	
4 Construction Utilities Use										
5 Site Borings					11.7					
6 Materials Testing	125.4			125.4		43.3	75.0		75.0	50.4
7 Special Inspections	25.0			25.0		9.6	9.6	15.4	25.0	
8 Consultant Reimbursables	10.0			10.0	6.6		6.6	3.4	10.0	
9 Moving/Relocation	100.0			100.0	91.7	7.6	99.3	0.7	100.0	
10 Physical Plant Expenses	15.0			15.0	9.5	12.7	22.2		22.2	(7.2)
11 Bonding	140.0			140.0	80.5		80.5	59.5	140.0	
12 Advertising	10.0			10.0	0.6		0.6	9.4	10.0	
Sub-total Expenses	485.4			485.4	232.7	73.2	305.9	136.3	442.2	43.2
Total Fees and Expenses	3,150.0		231.5	3,381.5	2,698.9	581.0	3,279.9	187.0	3,466.9	(85.4)
VI. Contingency										
A. Construction & Owner's Project										
1 Construction										
2 Owner's Project	6,434.4		(3,866.1)	2,568.3				872.9	872.9	1,695.4
B. Additional Need										
Total Contingency	6,434.4		(3,866.1)	2,568.3				872.9	872.9	1,695.4
Total Project	\$ 35,918.6	\$ (0.0)	\$ (0.0)	\$ 35,918.6	\$ 22,004.5	\$ 10,569.4	\$ 32,573.9	\$ 1,473.3	\$ 34,047.2	\$ 1,871.4

Transfers

A B C D1 D2 D Total Contracted Project Costs E F G

	Budget			Contracted Project Costs			Planned, but not Contracted	Anticipated Total Costs	Remaining Balance
	Project Budget 7/9/17	Approved Transfers	Approved Budget with Transfers	Paid	Unpaid	Total Contract			
I. Building Construction									
A. New Building & Renovation	\$ 22,916.8	1,281.1	\$ 26,199.9	\$ 16,609.1	\$ 9,421.6	\$ 26,030.9	\$ 169.0	\$ 26,199.9	\$ -
B. Other Construction	-	-	-	15.0	-	15.0	-	15.0	(15.0)
Total Building Construction	22,916.8	3,283.1	26,199.9	16,624.3	9,421.6	26,045.9	169.0	26,214.9	(15.0)
II. Related Construction									
A. Sitework	-	-	-	-	-	-	-	-	-
B. Site Utility Systems	-	-	-	-	-	-	-	-	-
C. Hazardous Materials	-	-	-	-	-	-	-	-	-
Total Related Construction	-	-	-	-	-	-	-	-	-
III. Escalation									
Total Escalation	-	-	-	-	-	-	-	-	-
IV. Furniture, Fixtures & Equipment (FF&E)									
A. Loose Furnishings	1,128.0	1,035.8	1,035.8	-	777.6	777.6	16.5	794.1	241.7
B. Program Related Equipment	included	150.0	150.0	-	-	-	153.6	153.6	(3.6)
C. Computer/Data/Wiring	included	183.1	183.1	278.7	40.4	319.1	-	319.1	(136.0)
D. Telecommunications	included	-	-	-	22.8	22.8	-	22.8	(22.8)
E. Audio/Visual Equipment	included	420.2	420.2	-	196.1	196.1	-	196.1	224.1
F. Specialty Signage	included	-	-	-	-	-	-	-	-
Total FF & E	1,128.0	661.1	1,789.1	278.7	1,036.9	1,315.6	170.1	1,485.7	303.4
V. Fees and Expenses									
A. Existing Conditions & Space Program Architect	1,709.1	123.8	1,832.9	1,600.0	232.8	1,832.8	-	1,832.8	0.1
a. Structural Eng.	w/ architect	-	-	-	-	-	-	-	-
b. MEP Eng.	w/ architect	-	-	-	-	-	-	-	-
c. Civil Eng.	w/ architect	-	-	-	-	-	-	-	-
d. Landscape Arch.	w/ architect	-	-	-	-	-	-	-	-
e. Interior/Furniture Designer	w/ architect	-	-	-	-	-	-	-	-
f. Code	w/ architect	-	-	-	-	-	-	-	-
g. Lighting	w/ architect	-	-	-	-	-	-	-	-
h. Acoustical	w/ architect	-	-	-	-	-	-	-	-
i. Signage	w/ architect	-	-	-	-	-	-	-	-
j. Referendum Services	w/ architect	-	-	-	-	-	-	-	-
k. Special Consultants	-	-	-	-	-	-	-	-	-
l. Haz. Mat. Consultant	150.0	-	150.0	239.2	72.4	301.5	-	301.5	(151.5)
m. Audio/Visual	w/ architect	-	-	5.2	5.5	10.7	-	10.7	(10.7)
n. Computer/Info. Systems	w/ architect	-	-	-	-	-	-	-	-
o. Geo-Tech	35.0	-	35.0	15.7	-	15.7	-	15.7	19.3

	A Budget			D1	D2	D	E	F	G
	Project Budget 7/9/17	Approved Transfers	Approved Budget with Transfers						
e Traffic	11.8	-	11.8	10.8	1.0	-	-	11.8	-
f Ecologist/Soil Sample	21.7	-	21.7	18.2	3.5	21.7	-	21.7	-
g Peer Reviews	40.0	-	40.0	14.4	17.5	31.9	8.1	40.0	-
h Storm water monitoring	300.0	79.1	379.3	248.4	111.1	359.5	-	359.5	19.8
i Project Management	67.5	-	67.5	27.9	19.6	67.5	-	67.5	-
4 Building Commissioning	-	-	-	-	-	-	-	-	-
5 CM PreCon	-	-	-	15.1	-	15.3	4.7	20.0	30.0
6 Owner's Legal Fees	50.0	-	50.0	10.6	1.1	31.7	-	31.7	-
7 Site Survey	31.7	-	31.7	42.0	-	42.0	-	42.0	-
8 Utility Assessment	50.0	-	50.0	-	-	-	-	-	8.0
9 Sub-total Fees	2,466.8	203.1	2,669.9	2,257.7	484.4	2,742.1	12.8	2,754.9	(85.0)
B. Expenses									
1 Owner's Insurance	30.0	-	30.0	2.8	-	2.5	3.0	5.5	24.5
2 Permits	5.0	-	5.0	1.5	-	1.5	-	1.5	3.5
3 Printing	10.0	-	10.0	8.1	-	8.1	1.9	10.0	-
4 Construction Utilities Use	-	-	-	-	-	-	-	-	-
5 Site Borings	-	-	-	-	-	-	-	-	-
6 Materials Testing	112.8	-	112.8	100.7	9.6	100.7	12.1	112.8	-
7 Special Inspections	25.0	-	25.0	9.1	-	9.6	-	9.6	15.4
8 Consultant Reimbursables	5.0	-	5.0	9.1	-	9.3	-	9.3	(4.3)
9 Moving/Relocation	100.0	-	100.0	56.4	22.0	78.3	21.7	100.0	-
10 Physical Plant Expenses	15.0	-	15.0	13.5	-	13.5	-	13.5	1.5
11 Bonding	125.0	-	125.0	24.6	-	74.6	25.0	99.6	25.4
12 Advertising	10.0	-	10.0	0.5	-	0.5	1.0	1.5	8.5
Sub-total Expenses	437.8	-	437.8	267.0	31.6	298.6	64.7	363.3	74.5
Total Fees and Expenses	2,904.6	203.1	3,107.7	2,524.7	516.0	3,040.7	77.5	3,118.2	(10.5)
VI. Contingency									
A. Construction & Owner's Project									
1 Construction	-	-	-	-	-	-	-	-	-
2 Owner's Project	4,638.3	(4,147.3)	491.0	-	-	-	511.6	511.6	(20.6)
B. Additional Need	-	-	-	-	-	-	511.6	511.6	-
Total Contingency	4,638.3	(4,147.3)	491.0	-	-	-	511.6	511.6	(20.6)
Total Project	\$ 31,587.7	\$ -	\$ 31,587.7	\$ 19,427.7	\$ 10,974.5	\$ 30,402.2	\$ 926.2	\$ 31,330.4	\$ 257.3



**Wireless
Design**
VIDEO CELLULAR COMMUNICATIONS

PROPOSAL

1888 6234
Date : 07/21/2018
Customer ID : Stonington CT

RichardL@WirelessDesignGroup.com
45 Michele Drive, Norwich CT. 06360

Proposal Valid until July 31 2018

**Town of Stonington
Board Of Education
DEANS MILL Street School
In Building Public Safety Systems**

TERMS: 50% Deposit
50% Upon Completion
**PROPOSAL TO INSTALL VHF/800 MHZ
IN BUILDING PUBLIC SAFETY AMPLIFIER
NETWORK WITH NFPA POWER SUPPLIES**

Labor	QTY	Description	of Services	Cost	Extended
	Parts	ENGINEERING DESIGN- INSTALLATION- CONFURATION- TESTING			Line Total
		INBUILDING VHF/700/800 MHZ PUBLIC SAFETY AMPLIFER			
	1	OUTDOOR VHF DIRECTIONAL ANTENNA		298.56	298.56
	1	OUTDOOR 700/800 MHZ DIRECTIONAL ANTENNA		477.00	477.00
	2	OUTDOOR 1.5" ANTENNA MAST		56.00	112.00
	2	NON PENETRATING FLAT SURFACE ROOF MOUNT		545.00	1,090.00
	2	RUBBER 1/2" X 48" ISOLATION ROOF MAT		78.00	156.00
	24	CONCRETE ROOF BLOCKS		4.25	102.00
	2	OUTDOOR GROUNDING KITS		42.00	84.00
	80	#6 GREEN THHN GROUNDING WIRE	UP TO 80FT	1.43	114.40
	2	OUTDOOR LIGHTNING ARRESTORS	SURGE PROTECTOR	86.00	172.00
	240	OUTDOOR RATED 1' 2" TRANSMISSION LINE		6.22	1,492.80
	10	CONNECTOR WEATHER SEAL KITS		21.45	214.50
	2	CONDUIT EXTERIOR SEAL KITS		5.66	11.32
	2	INDOOR GROUND KITS		32.89	65.78
	1	VHF INDOOR BI-DIRECTIONAL AMPLIFIER- TUNED		58,550.00	58,550.00
	1	DIGITAL MULTIBAND 700/800 MHZ PUBLIC SAFETY AMPLIFIER		21,833.72	21,833.72
	50	1/2 FORM FIRE RETARDANT COAXIAL CABLE		6.22	311.00
	4	2FT RG58U PRESSION COAXIAL CABLE		69.00	276.00
	8	2FT RG58U TRUNK LINE TO ANTENNA COAXIAL CABLE		64.23	513.84
	12	N MALE TO N MALE RF ADAPTOR		4.20	50.40
	5	3FT RG58U PRESSION COAXIAL CABLE		81.00	405.00
	1567	1/2" LOW LOSS FIRE RETARDANT CABLE VH	TRUNK CABLE VHF	6.21	9,731.07
	24	N MALE COAXIAL CONNECTOR LOW LOSS		31.00	744.00
	1	SIGNAL TAPPER- 137-960 MODEL 3RTST		222.00	222.00
	1	SIGNAL TAPPER- 137-960 MODEL 3RTST		222.00	222.00
	1	POWER DIVIDER 137-174		289.00	289.00
	8	INDOOR VHF PHANTON CEILING ANTENNAS		142.34	1,138.72
	1	48 VOLT 480WATT 55AH DAS 8BU	VHF BATTERY BACKUP	7,877.00	7,877.00
	10	IN-BUILDING OMNIDIRECTIONAL CEILING ANTENNA		94.56	945.60
	50	1/2" LOW LOSS FIRE RETARDANT CABLE		4.21	210.50
	1375	1/2" LOW LOSS FIRE RETARDANT CABLE	TRUNK CABLE 800	4.21	5,788.75
	10	2FT LOW LOSS RG58 N MALE TO N MALE COAXIAL CABLE		62.12	621.20

	38	N MALE COAXIAL CONNECTOR LOW LOSS		27.89	1,059.82
	1	48 VOLT 600WATT 7SAH DAS BBU	700/800 BATTERY BKUP	8,356.97	8,356.97
	3	RF POWER TAPPER N 5-2ERT		225.00	675.00
	3	RF N 2 WAY POWER DIVIDER	698-2700	178.00	534.00
	3	RF POWER TAPPER N 3-2 ERT	698-2700	225.00	675.00
	6	Fire Stopping System		354.55	2,127.30
	2	REMOTE SYSTEM PERFORMANCE MONITORING SOFTWARE		525.98	1,051.96
	2	REMOTE SYSTEM SOFTWARE LICENSE		450.00	900.00
	2	SYSTEM SUPPORT ASSURANCE PROGRAM		1,800.00	3,600.00
	1	MISCELLENOUS HARDWARE		85.00	85.00
	45	CABLE MANAGEMENT		4.23	190.35
	1	INSTALLATION SUPPLIES		75.00	75.00
69		Labor Required to Install Hardware	Engineer	\$120.00	
3		Configuration Labor	Engineer	\$120.00	
		Calibration will require Evening Time			
		Quotation Assumes DEANS MILL school has received all required permits and approvals for the installation of all low voltage and communication systems			\$0.00
		Quotation assumes that the town of Stonington has received all required approvals, permits from all property owners and government agencies for the installation and continued use of there property for the purpose of locating surveillance cameras and associated hardware on there property. Wireless Design Group to be held harmless and free of any and all liability. The town of Stonington agrees to provide required insurance and liability coverage to all locations.			\$0.00
		Project Cost Summary			
		Total Parts Cost	\$0.00		
		Total Labor Cost	\$9,240.00	\$120.00	9,240.00
		Total Labor Hours	77.00	Subtotal	142,690.56
		Total Labor Cost	\$6,545.00	PAID	0.00
		Total	\$6,545.00		
		Proposal Valid Until July 31, 2018			TOTAL DUE
					142,690.56
77					
		PREPRORITORY PROPOSAL- Components and Design therein NOT FOR DISTRUBUTION are in part of a Secured Communications system			

SCOPE OF WORK: DEANS MILL School, STONINGTON CT. Installation of hybrid VHF-700/800MHz frequency specific Bi- Directional Antenna system with isolated uplink and downlink antennas install end within the new renovation space. Fire retardant coaxial trunk lines will be installed within EXISTING CABLE PATHWAYS. Amplifier will be located in the new IT /Telecom room mounted on the wall. The system shall require (2) 30 amp 120volt AC circuits supported by building UPS system. two (2) Roof top directional antenna shall be attached to NON penetrating roof mounts. The roof mounts shall be secured by ballast weight. All outdoor and indoor hardware shall be grounded to building steel. Two (2) Battery packuo modules shall be installed to prevent system interruption during a power failure. Remote ceiling antennas shall be installed in strategic locations that shall provide a reliable RF signal levels that enable communications within th e new renovation space and Police /Fire dispatch. The system shall be optimized for balanced performance.

Deans Mill School shall be responsible for providing in the NEW IT/TELECOM Room (1) 4ft x 6ft wall mounted painted 3/4" Ply wood (provided by others) with(2) 30 amp 120volt single phase Electrical Circuits protected by Building UPS (provided by others). (1) Roof penetration with a Minimum diameter of inside dia. of 3" The roof shall be sealed and any penetrations shall not be the resp onsibility of the Wireless Design Group.

System Expectation- Provide Reliable 2way Radio service for the SPD, SFD, Ston. Ambulance radio systems assured performance shall be equal or greater then the existine EXTERIOR radio portable radio coverage.

Terms: 50% Deposit Upon Agreement 50% Upon Completion (Net 30 days)

\$142,690.56



ANCHOR

860.633.8770
860.633.5971
www.anchorng.com

41 Sequin Drive Glastonbury, CT 06033

July 19, 2018

Project No: 00124-00030

Invoice No: 0000029594

Mr. James Sullivan
Director of Finance
Town of Stonington
152 Elm Street
Stonington, CT 06378

Project 00124-00030 West Vine School Stormwater Services

Professional Services from May 27, 2018 to June 30, 2018

Task T0002 Routine Inspections

Inspection Dates: 6.1, 6.4, 6.15, 6.22, 6.29

Fee

Number of Routine Inspect 5.00
Fee Each 227.50
Total Fee 1,137.50

Total Fee 1,137.50

Billing Limits

	Current	Prior	To-Date
Fees	1,137.50	11,602.50	12,740.00
Limit			25,025.00
Remaining			12,285.00

Total this Task \$1,137.50

Task T0003 Stormwater Monitoring

Monitoring Date: June

Fee

Number of Samplings 1.00
Fee Each 262.50
Total Fee 262.50

Total Fee 262.50

Billing Limits

	Current	Prior	To-Date
Fees	262.50	2,625.00	2,887.50
Limit			5,512.50
Remaining			2,625.00

Total this Task \$262.50

Total this Invoice \$1,400.00

Statement

July 20, 2018

Mr. James Sullivan
 Town of Stonington
 152 Elm Street
 Stonington, CT 06378

Outstanding Invoices

	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	BALANCE DUE	
Project Number: 00124-00030 West Vine School Stormwater Services					
	29059	5/11/2018	\$1,172.50	\$1,172.50	
	29300	6/12/2018	\$1,627.50	\$1,627.50	
	29594	7/19/2018	\$1,400.00	\$1,400.00	
Total for 00124-00030			\$4,200.00	\$4,200.00	
Project Number: 00124-00031 Deans Mill School Stormwater Services					
	29060	5/11/2018	\$1,172.50	\$1,172.50	
	29310	6/12/2018	\$1,627.50	\$1,627.50	
	29595	7/19/2018	\$1,400.00	\$1,400.00	
Total for 00124-00031			\$4,200.00	\$4,200.00	
Statement Totals			\$8,400.00	\$8,400.00	
	31 - 60	61 - 90	91 - 120	121 - 150	Over 150
Current	Days	Days	Days	Days	Days
2,800.00	3,255.00	2,345.00			



Stonington K-12 Building Committee
 Rob Marseglio, Chairman
 Kate Rotella, Vice-Chairman
 Robert Simmons
 Julie Holland
 George Grouse
 Deborah Dawnie
 June Strunk
 Kathy Scharf
 Dan Oliviero
 Wendy Wilber

Stonington Deans Mill School
 State Project No.: 137-0047
 Invoice Approval Cover Sheet

Building Committee Date: 9/18/18

(Where discrepancies exist between the amount shown on the cover sheet and the actual invoice, the invoice governs)

INVOICES				
Town Acct.	Company	Invoice No.	Date	Amount
405001-81120	DRA	33	9/6/2013	\$ 16,906.50
405001-81124	Gilbane	14	9/10/2013	\$ 1,600,938.98
405001-81118	Colliers	22549	3/31/2013	\$ 7,932.00
405001-81109	WB Meyer	120-002495	3/31/2013	\$ 550.00
405001-81109	WB Meyer	120-002285	3/31/2013	\$ 12,589.50
405001-81113	Langan Environmental	55123	3/19/2013	\$ 26,055.79
405001-81113	Langan Environmental	55238	9/4/2013	\$ 5,904.39
405001-81113	Langan Environmental	55241	9/4/2013	\$ 70,058.71
405001-81125	Anchor Engineering	29807	3/21/2013	\$ 1,627.50
405001-81127	Horizon Engineering	R20162-156-23	7/27/2013	\$ 2,126.87
405001-81121	Materials Testing, Inc	17433-IM	3/15/2013	\$ 275.00
405001-81121	Materials Testing, Inc	17570-IM	3/31/2013	\$ 740.00
405001-81128	Extreme Networks	12032296	9/4/2013	\$ 6,412.50
405001-81121	CLA Engineering	2A	3/11/2013	\$ 500.00
405001-81121	CLA Engineering	3A	9/4/2013	\$ 1,487.50
405001-81117	CDW	NSL5751	3/10/2013	\$ 90,321.00
405001-	Grace	392364	3/29/2013	\$ 3,939.70

Total of Invoices \$ 1,848,435.94

Approvals:

Stonington K-12 Building Committee

One of two forms required to sign	Robert Marseglio, Chairperson	Date
	Kate Rotella, Vice-Chairperson	Date
Town Official Signatures	Robert Simmons, First Selectman	Date
	James Sullivan, Finance Director	Date
		Date

Colliers International, Owners Project Manager

Robert Hart, Asst. Project Manager

Date





Stonington K-12 Building Committee
 Rob Marseglia, Chairman
 Kate Rorella, Vice-Chairman
 Robert Sundman
 Julie Holland
 George Grout
 Deborah Dawnie
 June Strunk
 Kathy Sanfara
 Dan DiVene
 Wendy Milner

Stonington West Vine Street School
 State Project No.: 137-0048
 Invoice Approval Cover Sheet

Building Committee Date: 9/18/18

(Where discrepancies exist between the amount shown on the cover sheet and the actual invoice, the invoice governs)

INVOICES				
Town Acct.	Company	Invoice No.	Date	Amount
405002-81100	DRA	33	9/6/2018	\$ 14,827.50
405002-81124	Gilbane	14	9/10/2018	\$ 521,096.20
405002-81118	Colliers	22550	8/31/2018	\$ 7,932.00
405002-81129	WB Meyer	20-002280	8/30/2018	\$ 11,140.50
405002-81113	Langan Environmental	55122	8/9/2018	\$ 37,763.03
405002-81113	Langan Environmental	55238a	9/4/2018	\$ 5,773.75
405002-81113	Langan Environmental	55250	9/5/2018	\$ 61,145.11
405002-81127	Horizon Engineering	R2016Z-156-24	7/27/2018	\$ 2,038.13
405002-81126	Anchor Engineering	29806	8/21/2018	\$ 1,627.50
405002-81101	CLA Engineering	3B	8/1/2018	\$ 3,825.00
405002-81101	CLA Engineering	4B	9/4/2018	\$ 375.00
405002-81108	Extreme Networks	12032246	8/31/2018	\$ 2,250.00
405002-81107	Facility Communications	659	9/5/2018	\$ 4,567.45
Total of Invoices				\$ 1,674,361.17

hold

Approvals:
 Stonington K-12 Building Committee

\$ 1,669,793.72

One of two checks required to sign	Robert Marseglia Chairperson	Date
	Kate Rorella Vice-Chairperson	Date
Town Official Signatures	Robert Simmons First Selectman	Date
	James Sullivan Finance Director	Date
		Date

Colliers International, Owners Project Manager

Robert Hart Asst. Project Manager

Date





Stonington K-12 Building Committee
 Rob Marseglia, Chairman
 Kate Rotella, Vice-Chairman
 Robert Sundman
 Julie Holland
 George Crouse
 Deborah Dawnie
 June Strunk
 Kathy Sanford
 Dan Oliveria
 Nancy Wilger

Stonington Deans Mill School
 State Project No.: 137-0047
 Change Approval Cover Sheet

Building Committee Date: 9/18/18

CHANGE ORDERS		
ATP/OS#	Description	Amount
ATP-108/ OS-124	PR-21 Area B Plumbing Revisions	\$ 8,788.00
ATP-109/ OS-123	Restocking Fee for Hand Dryers	\$ 2,455.00
ATP-110 OS-137	Enlarged Pad for Propane Tanks	\$ 13,056.00
ATP-112/ OS-146	Additional Masonry Infills after Demolition - Time & Material Not-to-Exceed	\$ 130,090.00
ATP-113/ OS-147	Gravel Base for Playground Surface	\$ 81,129.00
ATP-114 IS-95	Additional Floor Prep in Area B - IN-Scope Change (Paid by CM Contingency - \$7,345.00)	\$ -
ATP-115/ OS-138	Area B Moisture Mitigation	\$ 80,813.00
TOTAL OF CHANGE ORDERS		\$ 316,331.00

held

Approvals:

Stonington K-12 Building Committee

\$ 235,202.00

(One of two chairs required to sign)	_____	_____
	Rob Marseglia, Chairperson	Date
Town Official Signatures	_____	_____
	Kate Rotella, Vice-Chairperson	Date
	_____	_____
	Robert Simmons, First Selectman	Date
_____	_____	
James Sullivan, Finance Director	Date	
_____	_____	
	Date	

Colliers International, Owners Project Manager

Robert Hart, Asst. Project Manager

Date

