

Newtown High School Auditorium

Newtown, CT

**Monthly Report
to the Public Building and Site Commission
May 24, 2016**



**Newtown High School Auditorium
Newtown, CT**

Monthly Report – May 24, 2016

Index

1) Executive Summary	3
2) Opportunities	3
3) Activities this period (April 27 – May 18)	4
a) Preconstruction Phases	
i. Phase 2 Construction Documents	
ii. Phase 1 Demolition Construction Documents	
b) Other Activities	
i. Other Informational or Coordination Meetings	
ii. Additional Services Requests	
4) Programmed activities next period (May 19 – June 21)	4
a) Preconstruction Phases	
i. Phase 2 Construction Documents	
ii. Phase 1 Demolition Construction Documents	
b) Other Activities	
i. Other Coordination Meetings	
5) Project Budget and Cash Flow Analysis	5
6) Quality	5
7) Approvals Anticipated.....	5
8) Attachments	5
a) Project Budget, dated May 18, 2016	
b) Project Schedule, Newfield Construction, dated April 15, 2016	



**Newtown High School Auditorium
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Monthly Report – May 24, 2016

1) Executive Summary

Construction documents are complete and a cost estimate is in process by the construction manager. Approved scope includes providing ADA access through the auditorium and onto the stage; improving seating and sightlines; improving house lighting and audience thermal comfort; providing an accessible sound control booth; modifications to catwalks for improved safety; providing new and improved stage lighting, audio-visual equipment, rigging and stage curtains.

In evaluating the final cost estimate, the team will continue to explore methods to minimize construction costs in order to maximize equipment replacement.

2) Opportunities and Challenges

Because the District did not obtain the required authorizations from the Legislative Council prior to submitting the original grant application, the State approval process is on hold until the LC passes the required motions. Once the authorizations are received on May 18th, the District will resubmit the grant application and the approval process will resume. Concurrently, the project team is proceeding with document development and all local approvals.

The project team continues to be challenged with adhering to the originally proposed schedule due to the redesign work required in responding to the budget constraints and the delay in the State approval process. The latest project schedule indicates that final documents will not be available for PBSC approval until mid June, and based on experience with the state approval process, bidding may not begin until late July. It is currently anticipated that construction will begin in early September, but will not be substantially complete until March of 2017. The project team will continue to explore ways to accelerate the schedule, but have little control over the state and local approval processes.



3) **Activities this period (April 27 – May 18)**

a) **Preconstruction Phases**

i. **Phase 2 Construction Documents**

Construction documents are complete and have been forwarded to the construction manager for use in developing the final cost estimate prior to PBSC referral to the State Office of School Construction Grants for funding.

Theatrical lighting, AV, sound and rigging packages have been finalized by the consultants and are available for review and comment by school staff.

ii. **Phase 1 Demolition Construction Documents**

Final authorization to proceed to bidding is pending the resubmission of the grant application.

b) **Other Activities**

i. **Other Informational or Coordination Meetings**

The design team continues to hold meetings with the end users on an as-needed basis to confirm program requirements and discuss value management ideas during the design phases.

ii. **Additional Services Request**

No additional services identified this period.

4) **Programmed activities next period (May 19 – June 21)**

a) **Preconstruction Phases**

i. **Phase 2 Construction Documents**

Construction documents will be finalized and the scope of the project will be validated against the cost estimate provided by the construction manager. A special meeting of the PBSC will be required prior to submission to the State OSG for review and approval.

The construction documents will be forwarded to the Third-Party Code Reviewer for evaluation and then submitted to the local building official and fire marshal for approval.

ii. **Phase 1 Demolition Construction Documents**

Newfield Construction will commence subcontractor bidding as soon as approval is received from the State Office of School Construction Grants.



b) Other Activities

i. Other Coordination Meetings

Project team meetings will be held as needed to ensure that the project develops on budget and according to programmatic requirements.

5) Project Budget and Cash Flow Analysis

A current Project Budget is attached. The current budget is based on contracts approved to date (consultant fees), estimated owner costs to complete the project, and the Design Development cost estimate prepared by Newfield Construction Inc. The project budget has been developed to respond to the \$3,600,000 total appropriated for this project and has been reviewed by high school and district staff. There has been no change in the budget from the previous month.

6) Quality and Safety

Quality and response to project requirements will be maintained by the project team through-out the preconstruction phases.

7) Approvals Anticipated by PB&SC

a) At the May 24th Meeting:

i. No approvals are anticipated at this time

b) At a Special Meeting to be scheduled for June 14th:

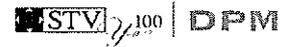
i. Approval to submit the Phase 2 Construction Documents set to the State OSCG for authorization to bid the project

8) Attachments

a) Project Budget, dated May 18, 2016

b) Pre-Construction Project Schedule, dated April 15, 2016

Town of Newtown, CT
 Newtown High School Auditorium Renovation
 Project Detail Budget
 May 18, 2016



ITEM DESCRIPTION	BUDGET	CURRENT TOTAL BUDGET	Notes
Eligible Costs		\$ 2,788,050	
Consultants	\$ 507,950		
Architect/Engineers	\$ 335,000		
Haz Mat Testing	\$ 5,000		
Owners Project Manager Fee	\$ 100,000		
Clerk of the Works	\$ 15,600		
Legal Fees	\$ 2,500		
Local Review for State Approval	\$ 3,850		
CM Preconstruction Fee	\$ 46,000		
Fees	\$ 14,000		
Special Inspections & Testing	\$ 10,000		
Builders Risk Insurance	\$ 4,000		
Construction	\$ 2,266,100		
Demolition	\$ 248,500		
Renovation	\$ 1,700,000		
Fixed Auditorium Seating	\$ 317,600		
InEligible Costs		\$ 811,293	
Equipment	\$ 544,675		
AV/Sound Equipment	\$ 250,000		
Rigging	\$ 103,675		
Lighting Controls	\$ 55,000		
Curtains	\$ 32,000		
Stage Lighting	\$ 104,000		
Loose Auditorium Seating	\$ 3,200		
Project Contingency	\$ 266,618		
Total Project Budget		\$ 3,599,343	

Renovation includes restructuring auditorium to provide ADA access to seating areas and stage; replace and enlarge control booth; new lift at stage; relocate stage left HVAC equip to roof; all new house lighting & HVAC distribution

lift at stage; relocate stage left HVAC equip to

Owner purchases all equipment outside of CM contract to reduce mark-ups

Future Additions to Scope, not included above:

Additions to catwalk	(\$ 47,000)
Wireless Mics package	(\$ 90,000)
Presentation Projector	(\$ 25,000)
Add to AV Equipmt (reduced by 25%)	(\$ 50,000)
Add to Lighting (reduced by 25%)	(\$ 32,000)



**Newtown High School Auditorium
(Pre-construction) Construction Milestone Schedule**

15-Apr-16

	Milestone Activity	Start	Finish
	Phase 1 Demolition		
1	OSCG PCR Meeting & Approval	04/08/16	05/06/16
2	Demolition Bidding (Permitting)	05/16/16	06/17/16
3	Scope & Award	06/20/16	06/24/16
4	PB&SC Phase 1 Bid GMP Approval*		07/12/16
5	Demolition Work	07/18/16	08/19/16
	Phase 2 Construction		
6	90% Construction Documents Delivery		05/04/16
7	90% Construction Docs Estimate	05/09/16	05/27/16
8	100% Construction Documents Delivery	05/04/16	06/14/16
9	Construction Docs Local (3rd party) Review	05/09/16	05/27/16
10	Submit CD Docs & Est. to PB&SC for Agenda Item	06/01/16	06/07/16
11	BOE Approval for PCR		06/07/16
12	PB&SC Approval for PCR**		06/14/16
13	OSCG PCR Meeting & Approval		06/15/16
14	Construction Bidding (Permitting)	07/18/16	08/12/16
15	Scope & Award	08/15/16	09/02/16
16	PB&SC Phase 2 GMP Approval*		09/06/16
17	Construction Work (Substantial Completion 2/29/17)	09/12/16	2/29/17
18	FF&E Installation	02/01/17	2/29/17
19	Occupancy		03/07/17

* Special PB&SC Meeting, ** Special Monday Meeting

Tuesday, May 24, 2016 6:18 PM

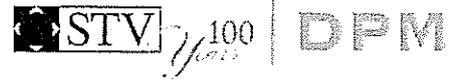
Sandy Hook School
May 24, 2016

Construction work expected to be complete after June 10:

- Security, central lighting control, and PA system commissioning. Pending full network equipment in the building.
- Window shades. Pending delivery from Hunter Douglas
- VET flooring accent color in the art room.
- Cistern ceramic tile.
- Metal panels: Canopies 100, 124, 151, 152, gable ends and treehouses. Material was field measured and has a 12 week lead time.
- Walk off mat installation. Field measured and expected before the end of June.
- Vinyl wall covering installation. One wall in the Administration area.
- Retaining wall guardrails at walls 2, 3 and 4. In production.
- Parent loading rails. In production.
- Center courtyard ramp and stair rails. In production.
- Exterior wood panel carvings. In production.
- Retaining wall block staining. The color selection is still in process.
- Complete site plantings along Dickinson Drive and seeding of the ball field.
- Sitework: Ballfield, Dickinson Drive and Riverside Road.
- Irrigation system.
- FRP and SS wall covering in the kitchen. Pending change order approval.
- Vestibule 124 exterior lighting. Pending change order pricing and approval.
- Lobby curtain wall window film. Approved change order.
- Tree house light cove. Pending change order pricing and approval.
- Lobby column light fixture escutcheon. Pending change order pricing and approval.
- Structure for OT/PT swings. Pending change order pricing and approval
- Rock climbing wall and gym pad rework. Pending change order pricing and approval.
- Swap glass in the corridor clerestory windows. Pending change order pricing and approval.

Other items:

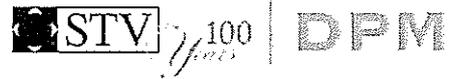
- Bell installation (with Bob Mitchell).
- Weathervane installation.



Sandy Hook Elementary School

Newtown, CT

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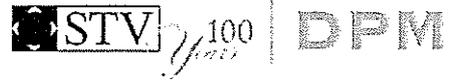


**Sandy Hook Elementary School
Newtown, CT**

Monthly Report – May 24, 2016

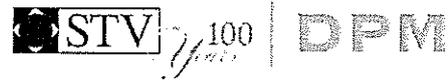
Index

- 1) **Executive Summary4**
- 2) **Opportunities4**
- 3) **Activities this period (April 27 – May 18)5**
 - a) Design Phase
 - i. Furniture, Fixtures and Equipment – Phase 5
 - b) Construction Phase
 - i. Construction Phase Progress – Phase 3
 - ii. Construction Phase Progress – Phase 4
 - iii. Change Requests
 - iv. Owner-Supplied Vendors
 - v. Neighborhood Relations
 - c) FFE and Technology Installation Phase
 - i. FF&E
 - ii. Technology
 - iii. Relocation
 - d) Other Activities
 - i. Project Website Updates
 - ii. Additional Services Requests
 - iii. Donation Coordination
- 4) **Programmed activities next period (May 19 – June 21)8**
 - a) Construction Phase
 - i. Construction Phase Progress – Phase 3
 - ii. Construction Phase Progress – Phase 4
 - iii. Potential Change Requests
 - b) FFE and Technology Installation Phase
 - i. FF&E
 - ii. Technology
 - iii. Relocation
 - c) Other Activities
 - i. Project Website Updates
 - ii. Other Coordination Meetings
- 5) **Project Budget and Cash Flow Analysis9**
- 6) **Quality9**
- 7) **Approvals Anticipated.....9**



8) Attachments10

- a) Construction Completion Schedule – Consigli
- b) SandyHook2016.com Construction Page
- c) Project Budget 5/18/2016
- d) Change Request Log 5/18/2016
- e) Consigli Construction Change Requests
- f) FFE and Technology Bid Tabulation Matrix, revised
- g) Technology Bid Packages #37, #38, #39 for approval
- h) Add Request – FFE: Tasklights Quote, Smart Boards Disconnect Quote



**Sandy Hook Elementary School
Newtown, CT**

Monthly Report – May 24, 2016

1) Executive Summary

Construction work by the Consigli Construction Company is on schedule to be substantially complete by June 1. Testing of all life safety systems, testing of controls, and testing and balancing of the HVAC systems is underway and inspections by the fire marshal and building official for the Certificate of Occupancy have begun.

Building punchlist completion and sitework and planting will continue into June. Classroom wings are complete, have been inspected and are undergoing final cleaning, with final paint touch-ups and finish materials installation ongoing. Glass storefront, flooring and lighting are being installed in the Administrative suite and custom artwork is installation has begun in the Lobby. Paving of the parking lots and installation of light polls is underway.

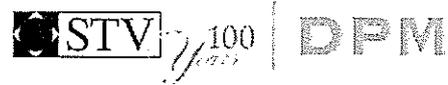
The project continues on schedule for June 1, 2016 substantial completion. Change Requests have increased the overall construction cost but are within the contingency amount budgeted and continue to be closely monitored by the project team. To date, contingency draws total approximately **1.89%** of the original GMP contract amount.

2) Opportunities

The project team continues to work with the Town Purchasing Department on the procurement of furniture and technology items. The design team is coordinating delivery and installation schedules and anticipate that new product will be delivered June 20th – July 8th. Existing FF&E and technology will be moved beginning June 30th, once staff have completed packing under the direction of District Facilities staff. The network installation will not be complete until the District is able to integrate new and existing components and configure the new system, which is expected for mid to late July.

The District and the Town continue to collaborate on plans for a dedication event and the management of media requests for information and access.

Minor coordination issues continue to arise as construction is completed and inspections scheduled. Issues remaining to be addressed include health department guidelines at the kitchen, revisions to the configuration of the gym climbing wall, the installation of the new turtle tank and the installation of donated window shades. The project team continues to track and respond to these issues as the project moves toward completion.



3) **Activities this period (April 27 – May 18)**

a) **Design Phase**

i. **Furniture, Fixtures and Equipment and Technology – Phase 5**

The final three technology package bids have been reviewed by District IT and BVH and quotes have been resubmitted by the vendors. BVH has made a final recommendation on the procurement of these packages for PBSC approval, as follows:

Bid Package #37 – Network Equipment in the amount of \$177,577

Bid Package #38 – PCs, Chromebooks in the amount of \$25,938

During the bid review it was also determined that the purchase order for #39 (phone system components) should be reduced to \$13,605 from the previously approved amount of \$19,788.

Valley Communications, the classroom technology vendor, has provided a quote for the disconnect and move of existing Smart Boards; at the request of the District, this proposal is being brought back to the PBSC for approval to be included as a project cost under the FF&E and Technology line items in the budget.

b) **Construction Phase**

i. **Construction Phase Progress – Phase 3**

Binder coat paving has been applied at faculty parking lot. Sidewalk installation is complete. Grading continues in the area of the ballfields and ballfield fencing is complete. Trees have been delivered to the site and planting is ongoing. Light pole installation has begun. Fencing installation is in progress.

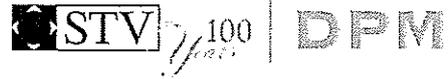
Work is complete in all courtyards. Playground equipment installation is ongoing and rear sidewalks and firelane paving has begun. Work on the rain garden bio-swale is progressing.

ii. **Construction Phase Progress – Phase 4**

A-wing (gym and cafeteria): All work is complete. Health department inspection of the kitchen has been scheduled.

B-wing (two-story classroom wing): All work is complete. Initial punchlist inspections have been completed. Testing and balancing of HVAC and life safety systems is ongoing.

C-wing (two-story classroom wing): All work is complete. Initial punchlist inspections have been completed. Testing and balancing of HVAC and life safety systems is ongoing.



D-wing (preschool and kindergarten wing): All work in the classrooms and corridor is complete. Entrance storefront and exterior finishes are ongoing.

In the front administrative areas, storefront assembly installation is ongoing. Temporary flooring has been installed prior to receipt of additional carpet materials. In the main Lobby, the tree sculptures have been installed and the custom wall panels are onsite. Terrazzo installation at the stairs is 90% complete and all light fixtures have been installed. The wood ceiling under the bridge is complete.

On the exterior, wood siding installation is about 95% complete and the GFRC coping has been installed. Work continues on exterior canopies and entranceways.

iii. Change Requests and Contingency Transfer

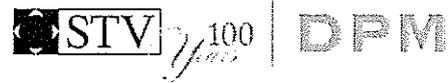
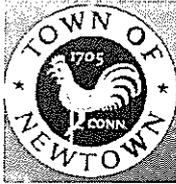
The following Change Requests have been reviewed and approved by the project team. The total for change requests this month is \$16,208.33:

CR137 – RFI 514 – Nurse’s Lock Box: During coordination with District Staff it was determined that a lockable medicine cabinet would not be required. This revision resulted in a credit of \$ 469.00

CR142 – RFI 538 – Kitchen Wall Protection: Per a pre-inspection consultation with the health department, the director requires that all wall surfaces at cooking, prep and hand wash locations revised to include a long-term cleanable surface. Although the installed epoxy paint on drywall meets code requirements, the work will be revised to comply with the health department request. This revision results in a change in the amount of \$ 8,834.21

CR144 – RFI 546 – Plenum Returns: During testing of the HVAC system it was determined that five rooms did not have adequate return air due to the absence of transfer ducts to the plenum ductwork and interior walls that extend to the deck above. This revision resulted in a change in the amount of \$ 7,309.85

CR147 – RFI 513 – Additional Door Signage: Signage will be added at doors that require card access to exit without sounding an alarm, alerting personnel that an alarm will sound if opened without card access. This revision resulted in a change of \$ 533.27



iv. Owner-Supplied Vendors

The webcam hosting contract with MultiVista concludes at the end of May 2016.

v. Neighborhood Relations

No communications with adjacent property owners have been required this period as the completion of Riverside Road improvements have not begun.

c) FFE and Technology Installation Phase

i. FF&E

The schedule for all new furniture has been formalized with the vendors. Delivery and installation will begin June 20th and continue through July 15th.

ii. Technology

Existing network equipment, telephone system, AV systems and other technology components at Chalk Hill School will be disassembled beginning June 20th. Installation of new equipment will be integrated with the re-installation of existing equipment and begin the week of June 20th.

iii. Relocation

The District is responsible for the contract with movers and for coordinating and scheduling their scope. The project team has worked with District Facilities to coordinate the move schedule with the installation of new furniture and technology. Existing furniture will move from Chalk Hill from July 1st through July 8. Library contents will be brought to the new facility as library furniture installation is completed, starting approximately July 6th. Classroom contents are scheduled to be moved the week of July 11.

d) Other Activities

i. Project Website

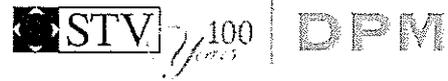
The project website has been updated for April 2016:
<http://www.sandyhook2016.com/construction.html>

ii. Additional Services Request

No additional services requests have been submitted this period.

iii. Donation Coordination

The project team continues to work with the Sandy Hook School Foundation on the donation of the turtle aquarium and the Hunter Douglas window shades.



4) **Programmed activities next period (May 19 – June 21)**

a) **Construction Phase**

i. **Construction Phase Progress – Phase 3**

Sitework at parking and drives will be completed; light poles and access gates will be installed. Development of play areas and ballfields will be completed. Final paving at Riverside Road is anticipated for early June after concrete islands are installed. Planting and fence installation will be completed.

ii. **Construction Phase Progress – Phase 4**

All construction activities will be completed. Any outstanding punchlist work will be addressed.

A limited number of “Day 2” items have been identified that do not affect the issuance of the Certificate of Occupancy and that will be scheduled for completion during June and July. These items currently include: Modification of the gym climbing wall, installation of the Solari bells, installation of the weathervanes and banners, installation of the cistern tile and metal fish, completion of metal panels at the canopies, modifications to the treehouse cove lighting and the addition of a step at the D-wing roof access.

iii. **Potential Change Requests**

Future Change Requests are anticipated and a complete Change Request Log is attached to this report. Change Requests categorized as “Potential” are currently being reviewed and negotiated; the stated values are still subject to change. Change Requests listed as “Not issued” are anticipated based on RFIs and other revised construction documents. These change requests will be presented once values have been established.

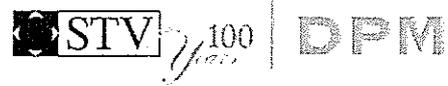
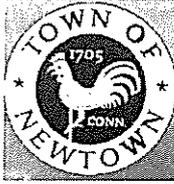
b) **FFE and Technology Installation Phase**

i. **FF&E**

The project team will continue to track FF&E orders and confirm the delivery and installation schedule.

ii. **Technology**

The project team will continue to track Technology orders and confirm the delivery and installation schedule.



iii. Relocation

The project team will continue to coordinate FFE and Technology installation with the move schedule provided by the District.

c) Other Activities

iv. Project Website

The website will continue to be updated through the completion of construction.

v. Other Coordination Meetings

Periodic LEED update meetings and commissioning coordination meetings will be scheduled with the project team to coordinate the necessary construction phase documentation required by the LEED certification process. This will continue through the required flush-out period and into late summer.

5) Project Budget and Cash Flow Analysis

A current detailed Project Budget is attached. The current budget is based on the approved GMP for Phase 3 - Site Improvements and the approved GMP for Phase 4 – Building Construction, approved Change Requests, contracted and requested consultant fees, and projected Owner costs to complete the project. Future, anticipated Change Requests are totaled with the Project Contingency for comparison purposes.

Budget line items not finalized by executed contracts remain as projections only and are subject to adjustment as other line item costs become known. Costs will continue to be transferred from the Integrated Art Budget line item to professional fees as scope is assumed by Svigals + Partners.

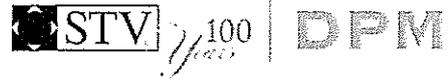
6) Quality and Safety

No site safety issues reported this period. Safety procedures have been reviewed with Consigli and their subs and all emergency response procedures have been coordinated with first responders.

7) Approvals Anticipated by PB&SC

a) At the May 24th Meeting:

- i. Technology Bid packages #37 and #38 for award to The Ergonomic Group
- ii. Additional FF&E quote for Tasklights at the admin reception area, nurse's office and library director office



- iii. Proposal from Valley Communication to add the testing, disconnect and move of the existing Smart Boards a peripherals to their approved AV installation scope

8) **Attachments**

- a) **Construction Schedule**
 - a. Construction Completion Schedule thru June 4, 2016
- b) **SandyHook2016.com Construction Page** for April 2016
- c) **Project Budget** dated May 18, 2016
- d) **Consigli Construction Change Request Log** dated May 17, 2016
- e) **Consigli Construction CR137** dated April 5, 2016
- f) **Consigli Construction CR142** dated May 3, 2016
- g) **Consigli Construction CR144** dated May 10, 2016
- h) **Consigli Construction CR147** dated May 10, 2016
- i) **Construction Contingency Log**, dated May 17, 2016
- j) **Bid Tabulation Matrix**, updated May 18, 2016
- k) **Technology Awards for Bid Packages #37, #38, #39** including BVH recommendation and revised bid propoosals
- l) **Tasklight Quote from WB Mason** dated May 10, 2016
- m) **AV Equipment Disconnect Quote from Valley Communication** dated April 14, 2016

Sandy Hook Completion Schedule

Update: 5/16/16

#	ACTIVITY	DATE DAY	5/15 SUN	5/18 MON	5/17 TUES	5/18 WED	5/19 THUR	5/20 FRI	5/21 SAT	5/22 SUN	5/23 MON	5/24 TUES	5/25 WED	5/26 THUR	5/27 FRI	5/28 SAT	5/29 SUN	5/30 MON	5/31 TUES	6/1 WED	6/2 THUR	6/3 FRI	6/4 SAT	COMMENTS
	Architect Punch List				X																			
	D WING																							
	Clean out all trim materials and equipment		X	X	X																			
	Complete install of plumbing fixtures		X	X																				
	Complete electrical rough-in																							
	Install aluminum entrance glass						X																	
	MISC																							
	Walk off Nails							X																
	Lighting Control Switch Delivery						X																	
	Lighting Control Switches							X																
	Commissioning lighting controls						X																	
	BUILDING EXTERIOR																							
	Iron Siding work		X																					
	Siding Delivery						X																	
	Remainder siding							X																
	R Wing Treehouse		X																					
	C Wing Treehouse			X																				
	Galva Standing Seam		X	X	X																			
	Building Exterior Canopies		X	X	X																			
	Galva Wind Screens		X	X	X																			
	Gate Delivery																							
	Complete Fence		X	X	X																			
	Planting / Seeding		X	X	X																			
	GTRC Complete		X	X	X																			
	Light Pole Install		X	X	X																			
	Metal Panels		X	X	X																			
	Under Faculty Lot		X	X	X																			
	Final Drive		X	X	X																			
	Hall Fields		X	X	X																			
	Rosswale		X	X	X																			
	Furn / Four Chlen Pad		X	X	X																			
	Set Caters		X	X	X																			
	Side walk / Light Pole Bases South elevation		X	X	X																			
	Lighting		X	X	X																			
	ARCHITECT PUNCH LIST																							
	Roof																							
	1st Floor B and C wings																							
	D wing																							
	A wing																							

Sandy Hook Completion Schedule

Update: 5/16/16

#	ACTIVITY	Responsibility	5/15	5/16	5/17	5/18	5/19	5/20	5/21	5/22	5/23	5/24	5/25	5/26	5/27	5/28	5/29	5/30	5/31	6/1	6/2	6/3	6/4	COMMENTS
			SUN	MON	TUES	WED	THUR	FRI	SAT	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN	MON	TUES	WED	THUR	FRI	SAT	
	Music At Admin & Library	Swigals																						
	OWNER EVENTS																							
	Impacted family tours - 6/15 and 6/16																							
	Town deputation tours - 6/21 or 6/22																							
	Media day - TBD - possibly 6/22 or 6/27																							
	New furniture and move - 6/20 - 7/15																							

Construction

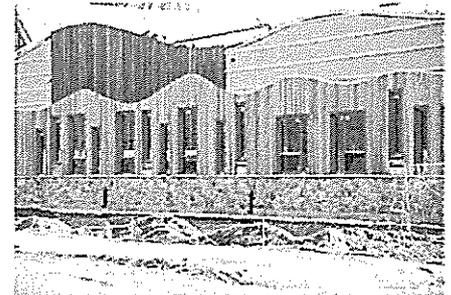
The school construction project is comprised of six phases of documentation and work:

- Phase 1 - Abatement
- Phase 2 - Demolition
- Phase 3 - Site Work
- Phase 4 - Building
- Phase 5 - Fixtures, Furnishings & Equipment (FFE)
- Phase 6 - Playgrounds

Abatement and Demolition Phases were undertaken and completed in October-November 2013. Site Work began in October 2014; and activities for the Building Phase will begin in February-March 2015. The project will be completed and ready for use in 2016, for the 2016-2017 school year.

March 2016 Forecast

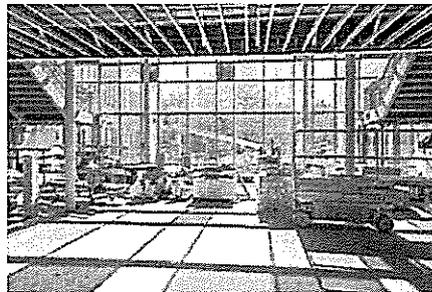
- Complete floor installation in the classroom portion of Wings B and C
- Install ceiling tiles in the classroom portion of Wings B and C
- Finish paint Wing B and C classrooms
- Prime paint in Wing D
- Begin ceiling finishes in Wing D
- Finish casework at various locations in the building
- Hang acoustical panels in the gym and cafeteria
- Continue wood siding installation on the front wall
- Continue masonry installation on site walls
- Complete the lobby curtain wall glass installation
- Begin sidewalk installation



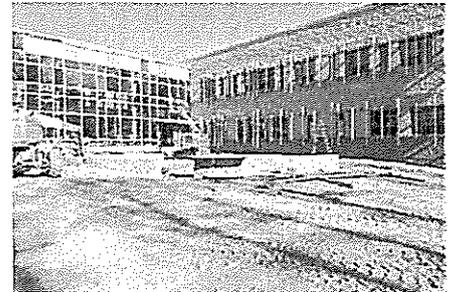
Wood Siding



Lobby Bridge



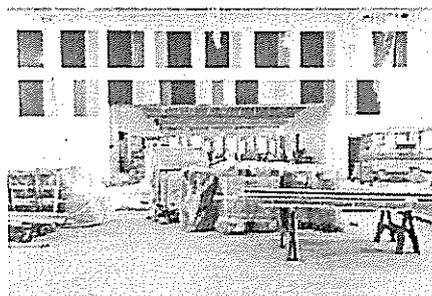
Lobby



Lobby Curtain Wall



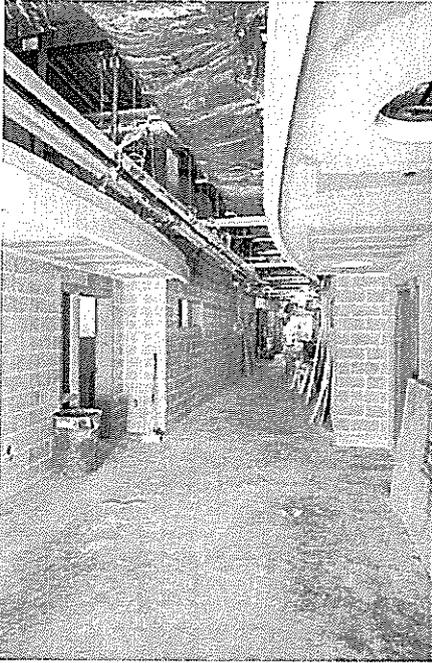
B Wing Corridor



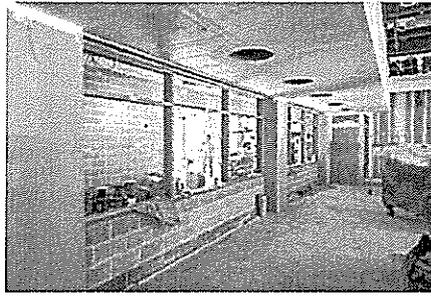
Gym



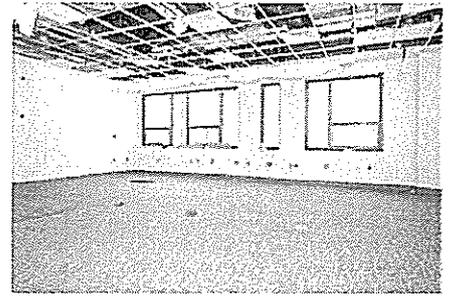
Courtyard



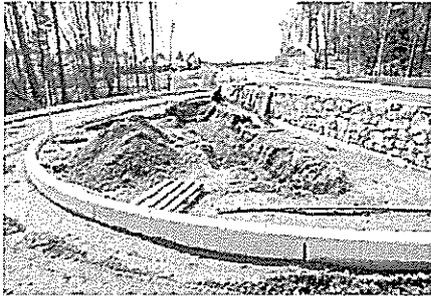
D Wing Coridor



Library



B Wing Computer Room



Stewall

Mid-March 2016 Construction
Photos 120-APR-2016 67491281

Photography by Robert Umennofer with Robert Umennofer Photography

February 2016

January 2016

December 2015

November 2015

October 2015

September 2015

August 2015

July 2015

June 2015

May 2015

April 2015

March 2015

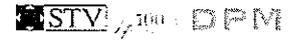
February 2015

January 2015

December 2014

November 2014

October 2014



ITEM DESCRIPTION	FIRM NAME	CONFIRMED CONTRACT VALUE	PROPOSED ADDITIONAL COSTS	CURRENT TOTAL BUDGET	NOTES	
Pre-Project Costs					\$ 55,715	
Appraisals	Andrews & Galvin 9/5/2013	\$ 2,600				
	Arnold Grant Assoc. 11/14/2013	\$ 2,800				
	Kloss Appraisal Services	\$ 2,500				
Site Surveys	Brautigam Land Surveyors PC	\$ 28,489				
Site Signage	East Coast Sign	\$ 3,237				
Tank Removal	Moran Environmental	\$ 16,089				
Professional Fees					\$ 5,465,164	
Owners Project Manager	DPM	\$ 734,294				
OPM Reimbursables	DPM	\$ 14,504	\$ 10,496			
Architect	Svigals + Partners	\$ 3,087,747				
Architect Add Services	Svigals + Partners	\$ 458,136				
Architect Reimbursables	Svigals + Partners	\$ 72,684	\$ 39,796			
Commissioning Agents	OLA & SES	\$ 171,500				
Haz Mat Consultant	RW Bartley	\$ 80,052				
Environmental Engineers	TRC	\$ 126,311				
Legal	Town Attorney	\$ 129,301				
Clerk of the Works	Bill Knight	\$ 103,120	\$ 21,880			
Local Review for State Approval	Pierz Associates	\$ 18,500				
Special Inspections & Testing	Michael Horton Assoc Inc	\$ 13,500				
	IMTL	\$ 70,171	\$ 29,829		Estimate for Owner's testing	
	Langan Engineering	\$ 98,000				
	Titan Engineering	\$ 5,326	\$ 1,124			
CIM - Preconstruction	Consigli Construction Co Inc	\$ 177,894				
Construction					\$ 42,371,679	
Phase 1&2 - Abatement	Bestech	\$ 1,122,841				
Phase 1&2 - Demolition	Bestech	\$ 763,055				
Phase 1&2 - CM	Consigli Construction Co Inc	\$ 90,612				
Phase 1&2 - Fence	Frankson Fence Co	\$ 82,738				
Phase 1&2 - Seeding		\$ 19,750				
Phase 1&2 - Security	Consigli Construction Co Inc	\$ 50,734				
Phase 3 - Site Abatement	Bestech	\$ 975				
Phase 3 - Site Construction	Consigli Construction Co Inc	\$ 6,696,773				
Phase 4 - Building Construction	Consigli Construction Co Inc	\$ 32,980,550			thru CO 13	
Phase 6 - Playground Equipment	M.E. O'Brien	\$ 423,922				
Utility Connection Costs	Eversource					
	Aquarion Water	\$ 23,334				
Builders Risk Insurance	The Hartford	\$ 49,895				
Construction Photo Documentation	MultiVista	\$ 66,500				
FFE & Technology		\$ 926,101	\$ 221,261	\$ 1,147,362		
Integrated Art Design		\$ 1,500	\$ 29,300	\$ 30,800		
Subtotal					\$ 49,070,720	
Contingency					\$ 929,280	1.89%
Phase 4 - Submitted Change Requests					\$ 16,208	
Phase 4 - Potential Change Requests					\$ 36,158	
Total Project Budget					\$ 50,000,000	



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS				
Not issued				
'CR999	03/31/15	Additional Bond Costs	18,500.00	
CR043	07/07/15	RFI 193 Hanger Material Finish	0.00	
CR067	09/08/15	RFI 283 Magnetic Hold Opens	0.00	
CR086	10/06/15	RFI 296 - Protective Covers on Temp/CO2 Sensors	0.00	
CR121	02/02/16	RFI 443 - Lobby Bridge 2nd Floor Opening Head Detail	0.00	
CR126	03/01/16	Bulletin 35 - Site signage	0.00	
CR132	03/15/16	Wetland Drainage	0.00	
CR133	03/22/16	Bulletin 37 - Classroom Clerestory Window Glass	0.00	
Not issued Total			18,500.00	
Potential				
CR081	10/06/15	RFI 252 - Folding Partition Clarifications	2,884.94	
CR087	10/06/15	RFI 303 - Toilet Room 200B Clarifications (Price pending)	764.33	
CR130	03/08/16	RFI 462 Fire Wall Firestopping Detail (price pending)	4,345.45	
CR136	04/05/16	RFI 512 - Music Room Acoustical Wall Panel Layout (price pending)	0.00	
CR138	04/05/16	RFI 521 - Lobby Column Fixture Canopy Closure (estimated)	4,372.60	
CR141	04/26/16	Planting Revisions (price pending)	0.00	
CR143	05/10/16	Bulletin 41 - OT/PT Swing Structure Rooms 117 & 145 (price pending)	0.00	
CR145	05/10/16	Bulletin 42 - Stairwell paint colors (price pending)	0.00	
CR146	05/10/16	Bulletin 44 Climbing Wall Revisions (price pending)	0.00	
CR148	05/17/16	RFI 545 Treehouse Cove Light (estimated)	5,840.27	
CR149	05/17/16	Island Tree and Grading Revisions (price pending)	0.00	
Potential Total			18,207.59	
Submitted				
CR137	04/05/16	RFI 514 - Nurse's Lock Box Credit	-469.00	
CR142	05/03/16	RFI 538 - Kitchen Wall Coverings	8,834.21	
CR144	05/10/16	RFI 546 Plenum Returns	7,309.85	
CR147	05/10/16	RFI 513 - Additional Door Signage	533.27	
Submitted Total			16,208.33	
Approved				
CR001	11/10/14	Water Main to the Senior Center	15,767.45	1
CR002	03/20/15	Bulletins #3 and #4_Sitework Only	32,767.71	1
CR003	12/08/14	Preconstruction Survey - 11 Washington St.	536.51	1
CR004	02/03/15	Bulletin #3 & #4_Site Electrical	53,391.27	3
CR005	02/03/15	RFI 14 - Basement Footing Revisions	14,817.52	1
CR007	02/17/15	Bulletin #1 - Steel and Sitework	6,486.52	2
CR008	02/20/15	Retaining Wall #4 Over Excavation	16,282.37	2
CR009	02/23/15	ASI #3R - EW-2 Revisions	27,698.87	4
CR010	03/03/15	Elevator Beam and Pit Ladder Credit	-1,651.00	2
CR011	03/17/15	Bulletin #2 - SKS-4 Thermal Isolation Pads	9,511.09	2
CR012	03/24/15	Building Geometry - Steel Detailing - RFI 26 & 29, SKA-001R	14,905.96	2
CR014	03/24/15	RFI 18 - Treadwell Park Irrigation Infrastructure	25,487.83	2
CR015	03/24/15	RFI 50 - A wing foundation wall elevation	3,404.65	4
CR017	03/24/15	ASI 002 - Wood Ceiling Details	20,160.65	4
CR018	06/16/15	ASI 004 - Acoustical Panel Revisions	15,495.85	3
CR019	03/31/15	Bulletin #5 - Rainwater Storage Tank Removal & Ext Wall Insulation	-9,127.14	7
CR020	04/20/15	Radiant Floor Heating - PreK & K Wing	143,233.41	2
CR021	04/20/15	RFI 63 Revisions - Folding Partition Structural Steel	1,286.25	2
CR022	04/28/15	Bulletin #6 - Elevator power revisions (S0 change)	0.00	3
CR023	04/28/15	Bulletin #9R - Music Room Revisions	68,611.08	4
CR025	04/28/15	Bulletin 29 - Walk in cooler & freezer quarry tile	7,131.96	9
CR026	05/19/15	Bulletin #2R - Detail 8/A4.00	21,886.40	4
CR027	05/20/15	RFI 94 - Acoustical Ceiling at Platform 154 Ramps	2,330.24	3
CR028	06/18/15	RFI 126 - Relieving Angle Clarification	49,738.81	3



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
CR029	06/02/15	Bulletin #10 - Treehouse Modifications	13,006.99	3
CR031	06/02/15	RFI 132 - Gym Veneer Framing at the Platform	4,563.69	3
CR032	06/16/15	Ballistic Entrance Manufacturer Change	5,318.33	4
CR033	06/16/15	Roofing Work - GMP Adjustment for PVC Roof Alternate	-10,000.00	3
CR034	06/16/15	RFI 103 - Exterior railing material thickness	6,795.20	4
CR035	06/23/15	Bulletin 17 - Additional Roof Access Ladders	18,533.31	4
CR036	06/23/15	Derrick 13 & 14 - Additional Steel Hangers	4,758.26	4
CR038	06/23/15	RFI 145 & 146 - Light Fixture Revision, AW04	12,714.77	5
CR040	06/30/15	Bulletin 14 - Sound System Revisions (rough-in only)	2,670.28	7
CR041	06/30/15	Dickinson Power Infrastructure	4,721.22	4
CR042	07/07/15	RFI 60 - Electrical Room 125 wall revisions	-588.30	4
CR044	07/14/15	Bulletin 15 Wall Fire Safing	3,695.67	5
CR045	07/10/15	RFI 192 Sunshade Support Steel at 12 ft Windows	9,169.97	4
CR046	07/17/15	RFI 206 Brick Support Steel at the Gable Roofs	2,758.27	5
CR047	07/17/15	RFI 197 Parapet Insulation at the Gym North Wall	4,916.61	4
CR048	07/09/15	Bulletin 13 - Corridor C200 Ceiling Modification	10,399.24	5
CR049	07/17/15	RFI 195 Fire Barrier Clarification at the Classroom Wing	1,837.58	9
CR050	07/17/15	Bulletin 34 - Decorative Concrete at the Entry Bridge	7,365.72	13
CR051	07/17/15	RFI 202 Spray Foam at Posts in lieu of Isolation Pads	9,443.19	7
CR052	08/11/15	RFI 224 Posts Below Curtain Wall	2,736.54	5
CR053	08/11/15	Bulletin 16 & Bulletin 18 - Minor HVAC Revisions	-3,126.90	7
CR054	08/11/15	Bulletin 20 - Kitchen Rough-in Clarifications	2,014.11	6
CR056	08/12/15	RFI 229 - Roof Deck Support at Column Line 8	739.81	5
CR058	08/18/15	RFI 250 - Extend slab edge at roof	1,416.61	6
CR059	08/18/15	RFI 251 Canopy Beam Penetration	948.39	6
CR060	08/18/15	RFI 247 - Structural Support for Interior Gable Windows	4,005.42	7
CR061	08/18/15	Bulletin 19 - Workroom Modifications	6,035.96	7
CR062	08/25/15	Bulletin 21 - Misc Interior Finish Updates	0.00	10
CR063	08/25/15	RFI 147 - Corridor ceiling height revision	5,105.70	6
CR064	09/01/15	RFI 264 - Grout 2nd Floor Corridor Walls	4,258.53	6
CR065	09/08/15	Bulletin 24 - Radio Communications Infrastructure	5,102.32	8
CR066	09/08/15	RFI 249 - Gym Wall Coordination	864.74	8
CR068	09/14/15	Lower Tube Steel at Admin Area Interior Window (pre-approval received)	2,189.02	7
CR069	09/14/15	Millwork Core Material	-3,326.00	6
CR070	09/15/15	RFI 271 - Weathervane Support Steel	3,082.01	7
CR071	09/15/15	RFI 272 - Delete AW04 Fixture in C100E	-2,557.00	7
CR072	09/15/15	Credit Back CR011 - Bulletin #2, SKS-4	-9,511.09	6
CR073	09/15/15	Bulletin #17R2 - Reduction to 1 Additional Roof Hatch	-7,660.00	8
CR074	09/15/15	Bulletin 22R - Millwork/Furniture Coordination	22,710.01	8
CR075	09/15/15	RFI 292 - Fire Barrier Within Interior Soffit At Wall Type EW-2 (pre-approval received)	2,947.66	7
CR076	09/22/15	RFI 305 Add Tube Lintel - C Line Between 20 and 20.2 (pre-approval received)	6,256.36	7
CR078	09/29/15	RFI 153 Fire Protection Seismic Bracing Credit	-3,500.00	7
CR079	09/29/15	RFI 281 - Site Wall 2A & 2B Revisions	-43,579.00	9
CR080	10/06/15	RFI 273 - Delete wing walls at the lobby roof	-1,667.38	11
CR083	10/06/15	RFI 290 - Flooring Attic Stock - Carpet & Resilient	6,281.33	9
CR084	10/06/15	RFI 268, RFI 292, Bulletin 30 - Lobby Ceiling Lighting and Electrical	9,951.22	10
CR088	10/06/15	RFI 312 - Added lintel at Administration 101 (pre-approval received)	4,442.12	7
CR089	10/06/15	RFI 313 - 2nd Floor Column Enclosure	1,696.07	9
CR090	10/13/15	RFI 333 - Toilet Room Wall Tile/Fire Alarm Coordination	-2,251.04	13
CR092	11/03/15	Window Sill Extensions - Additional Caulking	4,436.07	9
CR093	11/03/15	Bulletin 25 - Phase 3 - Play Area Modifications	8,924.45	13
CR094	11/03/15	Bulletin 26 - 2nd Floor Lobby Curtain Wall Glass Film	13,872.38	10



Change Request Log by Status

Consigli Construction Co., Inc.

Date: 05/18/16

1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
CR095	11/03/15	Bulletin 27 - Delete Kindergarten Appliances	-8,160.00	9
CR097	11/03/15	RFI 317 - C Wing Treehouse Steel Location	3,891.34	9
CR098	11/03/15	RFI 338 - Membrane Flashing at the Wood Frame (EW-2)	11,830.47	10
CR099	11/17/15	RFI 352 - Roof Access Stair at Door 201C	6,055.38	9
CR101	11/24/15	RFI 325.1 Gable Fixture Mounting Surface (detail modified)	2,887.55	13
CR102	11/24/15	RFI 371 & Bulletin 30 - Revised Circulation Desk Lights	139.06	11
CR103	12/01/15	Bulletin 31 - Cistern Tile Revisions	16,751.68	11
CR105	12/01/15	Bulletin 28 - Ductwork Revisions - D Wing	5,439.47	9
CR106	12/08/15	RFI 348 - Spray Foam at the Gable/Building Interface	936.99	9
CR107	12/08/15	Treehouse Column Cap Nuts	1,846.81	9
CR108	12/09/15	Cafeteria - Cable operated volume dampers	5,249.05	9
CR109	12/22/15	RFI 375 - Revised Corridor Elevations	2,242.20	10
CR110	12/22/15	Bulletin 33 - Operators, hardware power and ballistic walls	66,316.53	10
CR111	12/22/15	RFI 365 - Grab Bar Revisions	1,180.72	10
CR112	12/22/15	RFI 405 - Cabinet Unit Heater in Vestibule 100	198.81	10
CR113	01/12/16	RFI 156 - Delete Climbing Wall Pads	-576.00	10
CR114	01/12/16	RFI 363 - Ballistic Pad at Vestibule 113	466.05	11
CR115	01/26/16	Exterior Basketball Hoop - Install Hoops Provided by Others	-973.00	11
CR116	01/26/16	RFI 395.2 Acoustical Panel Modifications at the Platform	609.43	13
CR117	01/26/16	RFI 454 - Faucet for the kettle (Item #22)	945.13	11
CR118	01/26/16	RFI 439 - Front Wing Wall Foundation Modification	13,085.21	11
CR120	02/02/16	RFI 437 - Paint the Platform Exposed Structure & Mechanicals	3,213.18	11
CR122	02/23/16	Canopy and Entry Light Fixture Custom Color Trim Ring	2,295.48	11
CR123	02/23/16	RFI 466 - Exterior Classroom Number Signage	2,416.50	11
CR124	03/01/16	RFI 457 - Fire extinguishers in the kitchen	642.23	12
CR125	03/01/16	RFI 449.1 Main Entry Bridge Headwall	1,379.67	13
CR127	03/01/16	Bulletin 36 - Classroom 206 Return Duct Opening	2,771.31	13
CR129	03/04/16	Reduce acoustical ceiling attic stock	-8,735.00	12
CR131	03/08/16	RFI 452 & 452.1 Slab infill at treehouse curtain walls	2,405.20	12
CR134	03/29/16	RFI 507 - Spray foam at Vestibule 151 and Treehouses	1,001.28	13
CR135	04/05/16	RFI 271.1 REVISED Weathervane Mounts	864.30	13
CR139	04/05/16	RFI 529 - Fire Lane Curb Transitions	3,036.37	13
CR140	04/19/16	Bulletin 40 - Hooks in the gym storage	2,012.15	13
Approved Total			838,758.23	

CHANGE REQUESTS TOTAL 891,674.15

Original Contract Amount: 38,867,186.00

Approved Contract Changes: 838,758.23

Revised Contract Amount: 39,705,944.23



CONSIGLI

Est. 1905

Change Request

To: Robert Mitchell
Mitchell Architectural Group
Ph: (203)264-2206

Number: CR137
Date: 4/5/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 514 - Nurse's Lock Box Credit

Source: RFI # 514

We offer the following specifications and pricing to make the changes as described below:

Delete the Nurse's medicine cabinet specified in section 10 28 00 - 2.06A per the response to RFI 514. The cabinet is included with the furniture package and therefore the cabinet specified is not required.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
General Trades - PCO #9				\$-469.00		\$-469.00
					Subtotal:	\$-469.00
					Total:	\$-469.00

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

5/18/16

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

100 Allyn Street, 4th Floor, Hartford, CT 06103 • phone: 860-741-9850 • fax: 860-741-9858 • web: www.consigli.com
Hartford CT • Portland ME • Milford MA



CONSIGLI

Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR142
Date: 5/3/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 538 - Kitchen Wall Coverings

Source: RFI # 538

We offer the following specifications and pricing to make the changes as described below:

Furnish and install FRP (fiberglass panels) on the wall at the prep sinks and hand sinks, and stainless steel wall panels at the two cooking lines below the exhaust hoods. Locations were confirmed via RFI 538. The walls are currently painted with epoxy paint that is washable. The additional wall protection was requested as a result of the kitchen and fire marshal inspections and reviews.

Note: Bond costs are excluded from this this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
FRP				\$3,593.38		\$3,593.38
Stainless wall panels				\$3,379.76		\$3,379.76
Plumbing reconnections				\$1,158.79		\$1,158.79
					Subtotal:	\$8,131.93
		CM Mark-Up		\$8,131.93		\$595.26
		Permit (Education Fee only)		\$8,727.19		\$2.27
		General Liability Insurance		\$8,729.46		\$104.75
					Total:	\$8,834.21

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

By

Date

Date

Date

Consigli Construction Co., Inc.
Construction Managers and General Contractors

Page 1 of 1

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Hartford CT • Portland ME • Milford MA



CONSIGLI

Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR144
Date: 5/10/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 546 Plenum Returns

Source: RFI # 546

We offer the following specifications and pricing to make the changes as described below:

Install plenum returns above the ceilings in Rooms 161B, 103C, 101H and 101B, disconnect the return grills in 101B and 101D and remove the return grills in Rooms 101E, 103F and 104 per the response to RFI 546. These modifications are required to provide a return air path for the HVAC systems where interior partitions extend to the underside of the deck.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Ceiling Work				\$715.00		\$715.00
HVAC Work				\$6,013.75		\$6,013.75
					Subtotal:	\$6,728.75
			CM Mark-Up	\$6,728.75		\$492.54
			Permit (Education Fee only)	\$7,221.29		\$1.88
			General Liability Insurance	\$7,223.17		\$86.68
					Total:	\$7,309.85

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

5/18/16

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

100 Allyn Street, 4th Floor, Hartford, CT 06103 • phone: 860-741-9850 • fax: 860-741-9858 • web: www.consigli.com
Hartford CT • Portland ME • Milford MA



CONSIGLI

Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR147
Date: 5/10/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 513 - Additional Door Signage

Source: RFI # 513

We offer the following specifications and pricing to make the changes as described below:

Furnish and install additional signage at 11 doors per the response to RFI 513. This signage is required to inform occupants as to what doors have alarms because they are card access or emergency exit only.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
General Trades - PCO #10				\$490.88		\$490.88
					Subtotal:	\$490.88
		CM Mark-Up		\$490.88		\$35.93
		Permit (Education Fee only)		\$526.61		\$0.14
		General Liability Insurance		\$526.95		\$6.32
					Total:	\$533.27

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

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Construction Contingency Log
1279 Sandy Hook School

Date: 05/17/16

Number	Date	Description	Amount
Not issued			
CT998	06/09/15	General Conditions Forecast Tracking - BT002	63,713.00
CT999	06/09/15	Additional Bond Costs - Construction Contingency	3,710.00
		Not issued Total	67,423.00
Potential			
CT008	09/22/15	Dehumidification	0.00
CT011	10/30/15	Oct 28 2015 Storm	4,043.79
CT014	12/17/15	RFI 387 Masonry Control Joints	6,000.00
CT022	02/02/16	Classroom Entry Soffit Light Framing	1,000.00
CT023	02/02/16	Additional Treehouse Roof Blocking	1,200.00
CT024	02/02/16	Out Of Sequence Frame Grouting	8,500.00
CT025	02/23/16	Ceiling Layout - RFI 471 & 477	8,000.00
CT026	02/23/16	Waterproof Lobby Roof Electrical	3,500.00
CT027	03/03/16	RFI 386 Cafeteria Window Returns	2,900.00
CT028	03/07/16	RFI 419 Gable Sill Detail	2,200.00
CT029	03/07/16	Projector Blocking	6,500.00
CT030	03/11/16	Premium Time Work	15,000.00
CT031	03/24/16	Expedite Booster Pump	3,579.50
CT032	03/24/16	Gable Shade Power Location	3,000.00
CT033	04/05/16	Change Lobby Spandrel to Tempered	8,000.00
CT035	04/12/16	RFI 520 Beam Penetrations	250.00
CT036	04/15/16	Roof Patching for Weathervane Mounts	1,500.00
CT037	04/15/16	Gable Sprinkler Layout Modifications	1,750.00
CT039	05/03/16	Floor infills	1,600.00
CT040	05/04/16	Field Office Relocation Labor	3,500.00
CT041	05/10/16	Irrigation Booster Pump Underground Shut-off Valve	2,626.14
CT042	05/16/16	Floor wax material upgrade	1,876.00
		Potential Total	86,525.43
Submitted			
CT006	08/11/15	Sunshade Bracket Fabrication	21,896.00
CT034	04/12/16	Concrete Pads at Gym Entry	293.00
CT038	04/16/16	Concrete Foundations for Barrier Arm Gates	1,455.00
		Submitted Total	23,644.00
Approved			
CT001	06/09/15	RFI 128 - Relocated steel to coordinate with a chase	9,435.00
CT002	06/30/15	RFI 143 - Front wall downspout boots	7,818.47
CT003	07/07/15	Ceiling Type 7 Finish	645.00
CT004	07/17/15	Metal Strap at GFRC Sill	3,530.68
CT005	08/04/15	Framing Material Thickness at Sunshade Bottom Brackets	36,821.13
CT007	08/25/15	Cut/patch Sheathing at the Sunshade Brackets	4,753.50
CT009	09/29/15	Factory 1st coat seal wood siding	4,500.00
CT010	10/30/15	Expedite Masonry Veneer	19,800.00
CT012	10/30/15	Gym Curtain Wall Jamb Flashing	10,467.00
CT013	11/24/15	Added Roof Frames - A Wing	1,764.00
CT015	12/22/15	Lobby Sprinkler Revisions	3,020.55
CT016	01/12/16	Spandrel Glass Color	15,305.00
CT017	01/19/16	Deck penetration at Vestibule 151	1,512.00
CT018	01/19/16	Lobby sconce column penetrations	3,023.00
CT019	01/19/16	Infill at stairs and walk-in coolers	863.00
CT020	01/19/16	RFI 422 Door 108 & 137C lintels	868.00
CT021	01/19/16	RFI 416 Spray foam at treehouses	1,725.00
		Approved Total:	125,851.33
		Original Contingency Amount:	686,095.00
		Approved Contingency Items:	125,851.33
		Remaining Contingency Amount:	560,243.67
		Pending Contingency Items:	177,592.43
CONTINGENCY TOTAL			382,651.24



Town of Newtown
Sandy Hook School - Phase 5 Bid Tabulation and Awards
May 24, 2016

Bid Package	Description	Budget	AZ Computers LLC Bid Amt	The Ergonomic Group Bid Amt	Hillyard Inc. Bid Amt	Insalco Bid Amt	Midwest Technology Products Bid Amt	S&I Systems International Inc. Bid Amt	WB Mason Bid Amt	Awarded March 29, 2016	Award May 24, 2016	Notes
FFF 1	Accessories, ruffs, stools, ottomans, nurse's equip	\$20,900				missing nurse equip \$15,663			WB Mason \$20,454	WB Mason \$20,454		awarded on complete bid
FFF 4	Storage shelving	\$2,360				missing shelving \$409	\$3,441		WB Mason \$3,257	WB Mason \$3,257		awarded low bid
FFF 26	Lobby benches	\$6,580				\$6,445			WB Mason \$6,125	WB Mason \$6,125		awarded low bid
FFC 33	Mobile tool box	\$520				\$978			WB Mason \$538	WB Mason \$538		awarded low bid substitution accepted
FFE 34	O/P/PT swing	\$1,000							WB Mason \$778	WB Mason \$778		awarded low bid
FHE 35	Custodial equip	\$76,620			missing pator/scissorlift \$25,858	burnisher/extractor \$47,560			WB Mason \$100,264	WB Mason \$100,264		awarded on complete bid
TECH 37	Switches, WAPs, cables	\$213,150	revised quote \$173,113	revised quote \$177,577							The Ergonomic Grp \$177,577	recommended qualified bid
TECH 38	Desktop computers, Chromebooks	\$35,550		revised quote \$25,938				\$26,012			The Ergonomic Grp \$25,938	recommended low bid
TECH 39	VoIP phones	\$17,365		revised quote \$13,605					The Ergonomic Grp \$19,788	The Ergonomic Grp \$19,788	The Ergonomic Grp \$13,605	awarded low bid - actual cost lower
TECH 40	Music room equipment	\$3,600							WB Mason \$5,444	WB Mason \$5,444		awarded low bid
Bid Budget		\$377,735							Bid Award Total \$135,860		\$217,120	
									Bid Award Total \$353,980		\$353,980	
									State Contract Award FFE \$609,649		\$609,649	
									State Contract Award Tech \$179,572		\$179,572	
									Phase 5 Awards 1,143,220		1,143,220	
									Task Lighting 809		809	estimate
									Climbing Wall Revisions 800		800	estimate
									O/P/PT Swing Structure 9,000		9,000	estimate
									Smart Boards Disconnect 13,120		13,120	estimate
									Phase 5 Total 1,166,950		1,166,950	
									FFE & Technology Budget Total 1,170,000		1,170,000	
											3,050	

Additional Requests:
Task Lighting
Climbing Wall Revisions
O/P/PT Swing Structure
Smart Boards Disconnect

Hoerauf, Geralyn C.

From: Mark Branconnier <MarkB@BVHis.com>
Sent: Monday, May 16, 2016 5:01 PM
To: Hoerauf, Geralyn C.
Cc: 'Julia McFadden'; Ilona Prosol
Subject: RE: SHES - A2 Computers Bid
Attachments: 01_EGI Executive Summary & SOW Newtown SHS Revised 5-5-16.pdf; 02_Ergo Group Proposal #P225307b Newtown - Sandy Hook School Revised 5-11-16_2016.pdf; 01_2016-05-11_Newtown Cisco prices A2 final.xlsx; 02_2016-05-16_A2 Computers SOW Sound sandy Hook (1).doc

Geralyn,

Please see the attachments for the final bid #37 documents. BVH's comments are as follows:

Sandy Hook Elementary School – Bid Package #37:

The Ergonomic Group and A2 Computers, LLC have submitted their final bids for Bid Package #37.

The Ergonomic Group's original bid was a professional computer generated written bid with details to clarify their scope and the equipment.

The Ergonomic Group bid re-submitted on 5/5/2016, complete with a cover letter, project overview, Basis of Design bid equipment, accessories, and Installation/Consulting for physical installation, configuration and project management to customer's instructions. A clarification bid of \$177,577.00 was submitted on 5/11/2016.

The Ergonomic Group's final bid #37 is \$177,577.00.

A2 Computers LLC original bid was a hand written bid and was not detailed to clarify their scope and the equipment.

A2 Computers LLC bid re-submitted on 5/6/2016 and was not complete. BVH requested clarifications to the equipment quantities for the UPS's and installation narrative on 5/11/2016. A2 re-submitted on 5/11/2016 with clarifications for the UPS's, but did not submit an installation narrative as requested. Again, BVH requested an installation narrative and A2 submitted a SOW Agreement on 5/16/2016. A2's Bid was complete with the Basis of Design bid equipment, Accessories, and Installation/Consulting for physical installation, configuration and system administration to customer's instructions. A clarification bid of \$173,112.62 was submitted on 5/11/2016 and the SOW Agreement on 5/16/2016. A2 has clarified a change management clause to add additional tasks considered outside their scope of work, which possibly will increase the cost of A2's SOW above their bid of \$173,112.62.

A2 Computers LLC's final bid #37 is \$173,112.62.

A difference between the two bids is \$4,464.38.

Based on the above, The Ergonomic Group (TEG) appears to be more suitable for the awarded contract. The bid is \$4,464.38 higher than their competitor, but they have been more consistent in their bid and documentation.

Thanks,

Mark J. Branconnier, Technology Design | BVH Integrated Services, P.C.

50 Griffin Road South, Bloomfield, CT 06002 | 860.286.9171

One Gateway Center, Suite 701, Newton, MA 02458 | 617.658.9008

www.bvhis.com



THE ERGONOMIC GROUP, INC.



Executive Summary

The Ergonomic Group, Inc. (EGI) is responding with the requested revised configurations, corrections and additions to the Town of Newton's RFP for Technology Equipment and Installation Services for Sandy Hook School, Project Number 097-0114N. We are providing prices for Bid Packages 37, 38 and 39. We are not responding to Bid Package 40.

We have responded to each section of each package, except for one item in Package 38. While the part is not listed on the pricing page, the product descriptions include a set of Apple iPads. The Ergonomic Group, Inc. is not authorized to sell Apple products to educational organizations. This is done solely by Apple, Inc.

Within each product, where warranted, we have include the cost of a 3-year warranty upgrade based on the language in DATA COMMUNICATION NETWORK EQUIPMENT - 27 21 00, section 1.11.A.1, in DATA COMMUNICATIONS HARDWARE - 27 22 00, section 1.11.A.1 and in DATA COMMUNICATIONS HARDWARE - 27 22 00, section 2.02.A.2.k and section 2.02.A.4.m. To be consistent I included a 3-year warranty for the Chromebooks even though that was not requested.

It is important to note that included in the EGI response package is line-by-line pricing for each component that can be checked against the totals shown on the "official" pricing pages. We have corrected mathematical errors when transferring to the bid's pricing page. The numbers on pricing attachment are correct.

On the next few pages we are providing the revised set of details for our installation services, per your request, as we understand them from the RFP and your informational documents..

Installation and Configuration of Network Switches

- Deliver and unbox switch
- Rack, stack, cable, and patch
- Power-up to ensure proper startup and to observe that no fault lights are lit
- Verify that the firmware is at the most current version, or EGI will upgrade to the most current version
- Create username/password
- Assign IP address
- Configure Flex Stack
- Create VLANs
- Configure the switches per the customer's instructions including:
 - Physical installation and rack mounting of network equipment
 - Stack configuration where applicable
 - Firmware updates and warranty registration
 - Configuration of management IP addresses
 - NTP configuration
 - SNMP configuration
 - Spanning tree configuration
 - Multicast snooping configuration
 - Configuration of QOS per customer specifications
 - Configuration of VLANs
 - Configuration of LAGs/LACP
 - Configuration of ports per customer specification

Wireless Access Points Additions

- Deliver, unbox, hang, and cable wireless access points in locations predetermined by the customer.
- Install antennas and covers, if required
- Record and provide customer with a list of all wireless access points' serial numbers, location, MAC addresses, and asset tag numbers that EGI installed..
- Remove all empty boxes and debris
- Add, confirm discovery, and rename AP's (Defined by customer)
- Update firmware, if needed
- If different VLAN, configuration on switch AP is cabled to

Installation and Configuration of Voice Expansion

Configure Unified Communications Manager

EGI will:

- Provision Licensing -up to 30 Phones
- Configuration CUCM including:
 - All required extensions
 - Shared Line Appearances
 - System configuration items such as
 - Schedules, templates, and other configuration items
 - CM Groups
 - Single Number Reach
 - Trunk Groups
 - Call Routing
 - Media Resources
- Provide Voice Gateway Integration

Configure Unity Connection

EGI will:

- Provision Licensing
- Configure the following:
 - Auto-attendant

Configure Informacast / Paging Server

EGI will:

- Configure up to 10 paging groups
- Configure Emergency / Panic Button on all phones
- Integrate with overhead paging system
- Provision Licensing

Configure Voice Gateway Router

EGI will:

- Rack and stack equipment
- Upgrade IOS if required
- Configure SRST
- Configure POTS Trunk
- Configure 911 Service dialing
- Program CUCM to recognize gateway
- Test inbound and outbound calls over POTS Line

Configure Analog Voice Gateway

EGI will:

- Configure Cisco VG Series analog gateway at primary site
- Upgrade IOS if required
- Program CUCM to recognize gateway

Installation and Configuration of Desktops

- Deliver desktop and monitors to school, unboxed

Installation and Configuration of Chromebooks and Cart

- Install 24 units into cart and enable electrical devices
- Provide cable management for power supply and cord
- Deliver Chromebooks with 24 units in carts and remaining 24 units in boxes.
- Attach to electrical outlet
- Test sample group for connectivity to Newtown domain.



The Ergonomic Group, Inc.
65 Kreiger Lane
Glastonbury, CT 06033

Henry Gettenberg
860-760-3812
henry.gettenberg@ergogroup.com
May 11, 2016
Proposal # P225307b

The Ergonomic
GROUP

Newtown Public Schools
Proposal for Sandy Hook School

Prepared For:
Carmella Amodeo
(203) 270-6132
amodeoc@newtown.k12.ct.us

Thank you for the opportunity to provide you with this proposal. The Ergonomic Group, Inc. (EGI) is committed to delivering information technology solutions that provide real strategic advantage and exceed our clients' expectations.

EGI's goal is to help our clients leverage technology to:

- Reduce cost
- Improve efficiency and productivity
- Leverage and maximize IT investments
- Increase overall profitability

With our unmatched expertise, grown from more than thirty years of experience and hundreds of customer engagements, EGI can guide your organization to the ideal solution to meet your business and technology needs. From the desktop to the datacenter, from individual users to comprehensive IT infrastructures, EGI channels its immense experience into every engagement.

The enclosed proposal is based on information and requirements provided by your IT representatives. If you have any questions, please do not hesitate to contact your EGI Account Team. We also welcome the opportunity to present and review this proposal in person or via phone at your convenience.

Thank you again for the opportunity to partner with you and to earn your business.

Regards,

Bradley Clark
Account Executive
860-760-3814
bradley.clark@ergogroup.com



The Ergonomic Group, Inc.
65 Kreiger Lane
Glastonbury, CT 06033

Henry Gettenberg
860-760-3812
henry.gettenberg@ergogroup.com

May 11, 2016

Proposal # P225307b

Technology Bid Package #37 Revised

Line	Qty	Product	Description	List Price	Unit Price	Qty Price
1	7	WS-C2960X-48FPD-L	Cisco Catalyst 2960X-48FPD-L - Switch - managed - 48 x 10/100/1000 (PoE+) + 2 x 10 Gigabit SFP+ - desktop, rack-mountable - PoE+	\$7,995.00	\$3,690.00	\$25,830.00
2	7	CON-3SNT-WSC296XL	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: WS-C2960X-48FPD-L	\$1,512.00	\$918.00	\$6,426.00
3	14	CAB-STK-E-0.5M=	Cisco StackWise Plus - Stacking cable - 1.6 ft - for Catalyst 2960	\$100.00	\$47.00	\$ 658.00
4	7	GLC-SX-MM=	Cisco GLC-SX-MM SFP Transceiver - SFP (mini-GBIC) transceiver module - Gigabit Ethernet - 1000Base-SX - LC multi-mode - up to 1800 ft - 850 nm	\$500.00	\$231.00	\$1,617.00
5	7	F2F402L7-03M	Belkin - Network cable - LC/PC multi-mode (M) - SC/PC multi-mode (M) - 10 ft - fiber optic - 50 / 125 micron - B2B	\$33.99	\$13.00	\$ 91.00
6	720	C601106007	Belden CAT6+ Patch Cord, Bonded-Pair, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft. (2.1 m).	\$20.00	\$9.00	\$6,480.00
7	3	WS-C2960X-48FPD-L	Cisco Catalyst 2960X-48FPD-L - Switch - managed - 48 x 10/100/1000 (PoE+) + 2 x 10 Gigabit SFP+ - desktop, rack-mountable - PoE+	\$7,995.00	\$3,690.00	\$11,070.00
8	3	CON-3SNT-WSC296XL	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: WS-C2960X-48FPD-L	\$1,512.00	\$918.00	\$2,754.00
9	2	WS-C2960X-24PD-L	Cisco Catalyst 2960X-24PD-L - Switch - managed - 24 x 10/100/1000 (PoE+) + 2 x 10 Gigabit SFP+ - desktop, rack-mountable - PoE+	\$4,595.00	\$2,121.00	\$4,242.00
10	2	CON-3SNT-WSC604DL	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: WS-C2960X-24PD-L	\$867.00	\$527.00	\$1,054.00
11	2	CAB-STK-E-0.5M=	Cisco StackWise Plus - Stacking cable - 1.6 ft - for Catalyst 2960	\$100.00	\$47.00	\$ 94.00
12	5	GLC-SX-MM=	Cisco GLC-SX-MM SFP Transceiver - SFP (mini-GBIC) transceiver module - Gigabit Ethernet - 1000Base-SX - LC multi-mode - up to 1800 ft - 850 nm	\$500.00	\$231.00	\$1,155.00
13	5	F2F402L7-03M	Belkin - Network cable - LC/PC multi-mode (M) - SC/PC multi-mode (M) - 10 ft - fiber optic - 50 / 125 micron - B2B	\$33.99	\$13.00	\$ 65.00
14	192	C601106007	Belden CAT6+ Patch Cord, Bonded-Pair, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft. (2.1 m).	\$20.00	\$9.00	\$1,728.00
15	4	065-7710HPOEP	Signamax Security Network 8 Port PoE Exterior Switch	\$0.00	\$1,785.00	\$7,140.00
16	4	065-795XMG-H	Signamax SPF Transceiver Module for Security	\$0.00	\$174.00	\$ 696.00

			Network Exterior Switch			
17	4	F2F402L7-03M	Belkin - Network cable - LC/PC multi-mode (M) - SC/PC multi-mode (M) - 10 ft - fiber optic - 50 / 125 micron - B2B	\$33.99	\$13.00	\$ 52.00
18	1	WS-C3850-24S-E	Cisco Catalyst 3850-24S-E - Switch - L3 - managed - 24 x Gigabit SFP - desktop, rack-mountable	\$24,000.00	\$11,369.00	\$11,369.00
19	1	PWR-C1-350WAC=	Cisco - Power supply - hot-plug / redundant (plug-in module) - AC 100-240 V - 350 Watt - for Catalyst 3850-24T-E, 3850-24T-L, 3850-24T-S, 3850-48T-E, 3850-48T-L, 3850-48T-S	\$500.00	\$237.00	\$ 237.00
20	1	C3850-NM-4-1G=	Cisco - Expansion module - GigE - 4 ports - for Catalyst 3850-12, 3850-12X48, 3850-24, 3850-48, C3850-24	\$500.00	\$237.00	\$ 237.00
21	1	GLC-T=	Cisco - SFP (mini-GBIC) transceiver module - RJ-45 - up to 330 ft - for Cisco	\$395.00	\$188.00	\$ 188.00
22	16	GLC-SX-MM=	Cisco GLC-SX-MM SFP Transceiver - SFP (mini-GBIC) transceiver module - Gigabit Ethernet - 1000Base-SX - LC multi-mode - up to 1800 ft - 850 nm	\$500.00	\$231.00	\$3,696.00
23	1	CON-3SNT-WSC3852E	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: WS-C3850-24S-E	\$4,320.00	\$2,623.00	\$2,623.00
24	16	F2F402L7-03M	Belkin - Network cable - LC/PC multi-mode (M) - SC/PC multi-mode (M) - 10 ft - fiber optic - 50 / 125 micron - B2B	\$33.99	\$13.00	\$ 208.00
25	1	ES-CONSULT	Premium Consulting and Installation Install and Configure Switches	\$0.00	\$11,144.00	\$11,144.00
26	1	ES-CONSULT	Premium Consulting and Installation Switch Project Management	\$0.00	\$2,229.00	\$2,229.00
27	1	EO-CT	Professional Services (non-standard) Patch Cords Install	\$0.00	\$1,840.00	\$1,840.00
28	2	SMT2200RM2U	APC Smart-UPS 2200 LCD - UPS (rack-mountable) - AC 120 V - 1.98 kW - 2200 VA - RS-232, USB - 8 output connector(s) - 2U	\$1,125.00	\$960.00	\$1,920.00
29	4	SMT3000RM2U	APC Smart-UPS 3000 LCD - UPS (rack-mountable) - AC 120 V - 2.7 kW - 3000 VA - RS-232, USB - output connectors: 8 - 2U - black	\$1,805.00	\$1,126.00	\$4,504.00
30	1	ES-CONSULT	Premium Consulting and Installation UPS Install, Configuration & Project Management	\$0.00	\$1,493.00	\$1,493.00
31	1	EO-CT	Professional Services (non-standard) UPS Delivery and Rack	\$0.00	\$270.00	\$ 270.00
32	58	MR42-HW	Cisco Meraki MR42 Cloud Managed - Wireless access point - 802.11ac Wave 2 - 802.11a/b/g/n/ac Wave 2 - Dual Band	\$1,099.00	\$521.00	\$30,218.00
33	58	LIC-ENT-5YR	Cisco Meraki Enterprise Cloud Controller - Subscription license (5 years) - 1 access point - hosted - for Meraki MR Series Access Points	\$450.00	\$308.00	\$17,864.00
34	6	MR72-HW	Cisco Meraki MR72 Cloud-Managed 802.11ac Outdoor AP - Wireless access point - Bluetooth 4.0 LE - 802.11a/b/g/n/ac, Bluetooth 4.0 LE - Dual Band	\$1,599.00	\$758.00	\$4,548.00
35	6	LIC-ENT-5YR	Cisco Meraki Enterprise Cloud Controller - Subscription license (5 years) - 1 access point - hosted - for Meraki MR Series Access Points	\$450.00	\$308.00	\$1,848.00
36	64	C6011060015	Belden Cat 6+ Patch Cable, 15-foot Blue	\$25.00	\$12.00	\$ 768.00
37	1	ES-CONSULT	Premium Consulting and Installation Wireless Access Point Configuration	\$0.00	\$1,017.00	\$1,017.00
38	1	ES-CONSULT	Premium Consulting and Installation Wireless Access Point Project Management	\$0.00	\$204.00	\$ 204.00
39	64	ENG-CONT-SW	Professional Services - Electrical	\$0.00	\$125.00	\$8,000.00

			Wireless Access Point Physical Installation into Ceilings/Outdoors			
Subtotal:						\$177,577.00

Technology Bid Package #38 Revised						
Line	Qty	Product	Description	List Price	Unit Price	Qty Price
40	11	2GH45	Dell OptiPlex 7040 - SFF - 1 x Core i5 6500 / 3.2 GHz - RAM 4 GB - HDD 500 GB - DVD-Writer - HD Graphics 530 - GigE - Win 10 Pro 64-bit / Win 7 Pro 64-bit downgrade - vPro This configuration includes 8GB RAM inside unit	\$1,098.57	\$687.00	\$7,557.00
41	11	C601106007	Belden CAT6+ Patch Cord, Bonded-Pair, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft. (2.1 m).	\$20.00	\$9.00	\$ 99.00
42	11	P2014H	Dell P2014H - LED monitor - 19.5" - 1600 x 900 - IPS - 250 cd/m2 - 1000:1 - 8 ms - DVI-D, VGA, DisplayPort - with 3-Years Advanced Exchange Service and Premium Panel Guarantee	\$199.00	\$158.00	\$1,738.00
43	11	EO-CT	Professional Services (non-standard) Deliver Desktops and Monitors	\$0.00	\$10.00	\$ 110.00
44	48	T4M33UT#ABA	HP Chromebook 14 G4 - Celeron N2840 / 2.16 GHz - Chrome OS - 4 GB RAM - 32 GB eMMC - 14" 1366 x 768 (HD) - HD Graphics - 802.11ac	\$319.00	\$257.00	\$12,336.00
45	48	UQ990E	Electronic HP Care Pack Pick-Up and Return Service - Extended service agreement - parts and labor - 3 years - pick-up and return - for Mini 110; Mini 10XX, 110, 11XX, Chromebooks	\$69.00	\$25.00	\$1,200.00
46	48	CROSSWDISEDU	GOOGLE INC Google Chrome OS Management Console License, Education	\$30.00	\$26.00	\$1,248.00
47	1	MDMTAB24-CTAL	Bretford Store & Charge MDMTAB24 - Cart for 24 tablets - steel - aluminum, concrete powder - screen size: up to 12" Must be ordered by 5/30/16	\$3,416.00	\$1,425.00	\$1,425.00
48	1	EO-9-CT	Deliver, configure, install notebook carts with notebooks installed and cabled inside remove debris. Notebooks/Cart Deliver, Install, Cable Management	\$275.00	\$225.00	\$ 225.00
Subtotal:						\$25,938.00

Technology Bid Package #39						
Line	Qty	Product	Description	List Price	Unit Price	Qty Price
49	1	CP-8841-K9=	Cisco IP Phone 8841 - VoIP phone - SIP, RTCP, RTP, SRTP, SDP - 5 lines	\$495.00	\$229.00	\$ 229.00
50	1	CON-3SNT-CP8841K9	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: CP-8841-K9	\$51.00	\$31.00	\$ 31.00
51	29	CP-7821-K9=	Cisco IP Phone 7821 - VoIP phone - SIP, SRTP - 2 lines	\$255.00	\$118.00	\$3,422.00
52	29	CON-3SNT-CP7821K9	Cisco SMARTnet - Extended service agreement - replacement - 3 years - 8x5 - response time: NBD - for P/N: CP-7821-K9=,	\$30.00	\$19.00	\$ 551.00
53	17	CP-WALLMOUNTKIT=	Cisco - Wall mount kit - for IP Phone 7900 Series	\$26.00	\$13.00	\$ 221.00
54	1	LIC-CUCM-10X-ENH-A	Cisco Unified Communications Manager Enhanced - (v. 10.x) - license - 1 user - up to 1000 licenses	\$210.00	\$97.00	\$ 97.00
55	1	CON-3ECMU-LIC0ENHA	Cisco SMARTnet Software Support Service - Technical support - phone consulting - 3 years - 24x7 - for LIC-CUCM-10X-ENH-A	\$99.00	\$61.00	\$ 61.00

56	29	LIC-CUCM-10X-BAS-A	Cisco Unified Communications Manager Basic - (v. 10.x) - license - 1 user - volume - up to 1000 licenses	\$125.00	\$58.00	\$1,682.00
57	87	CON-ECMU-LICMBASA	Cisco SMARTnet Software Support Service - Technical support - phone consulting - 1 year - 24x7 - for LIC-CUCM-10X-BAS-A	\$20.00	\$13.00	\$1,131.00
58	17	ENG-CONT-SW	Professional Services - Electrical Wallmount Phones	\$0.00	\$100.00	\$1,700.00
59	1	ES-CONSULT	Premium Consulting and Installation Phone Installation and Configuration	\$0.00	\$2,786.00	\$2,786.00
60	1	ES-CONSULT	Premium Consulting and Installation Phone Project Management	\$0.00	\$898.00	\$ 898.00
Subtotal:						\$12,809.00

Technology Bid Package #39 Training						
Line	Qty	Product	Description	List Price	Unit Price	Qty Price
61	4	ES-CONSULT	Premium Consulting and Installation Training for VoIP	\$0.00	\$199.00	\$ 796.00
Subtotal:						\$796.00

Proposal Subtotal:	\$217,120.00
Tax Amount:	\$0.00
Proposal Total:	\$217,120.00

Credit Terms: Net 30 Days

Notes: Project # 097-0114N

item code	quantity	manuf	part number
TE-A-01	7	cisco	WS-C2960X-48FPD-L
TE-A-02	14	cisco	CAB-STK-E-xM
TE-A-03	7	cisco	GLC-SX-MM=
TE-A-04	7	belkin	F2F402L7-03M
TE-A-05	720	belden	C631306xxx
TE-A-06	3	cisco	WS-C2960X-48FPD-L
TE-A-07	2	cisco	WS-C2960X-24PD-L
TE-A-08	2	cisco	CAB-STK-E-xM
TE-A-09	5	cisco	GLC-SX-MM=
TE-A-10	5	belkin	F2F402L7-03M
TE-A-11	192	belden	C631308xxx
TE-A-12	4	signamax	065-7710HPOEP
TE-A-13	4	signamax	065-79SXMGM-H
TE-A-14	4	belden	F2F402L7-03M
	1		
TE-A-15	2	apc	SMT2200RM2U
	4		APC 3000 series.
	6		
TE-A-16	58	Meraki	MR42 AP-24x7 support next bs day hdwre replacement licenses
TE-A-18	6	Meraki	MR 72 AP's and antennas 24x7 support next day replacement license
TE-A-20	64	belden	C631306xxx
TE-A-21	64	meraki	meraki enterprise licenses for 5 years LIC-ENT-5YR
	1		install all meraki access points, set up dashboard,spreadsheet for locations of all access points
additional req	1		cisco catalyst ws-3850-24s-E-24 with 3 year warranty
			dual redundant power supplies and power cables
additional req	1		c3850-NM-4-1G gigabyte ethernet module
	1		glc-t sfp module
	16		cisco #glc-sx-MM=SFP
	16		belkin F2F402L7-03M fiber patch cables
	10		CON-3SNT-WSC296XL 3YR SMARTNET 8X5XNBD Cat 2960-X 48 GigE PoE 740W
	1		CON-3SNT-WSC3852E 3YR SMARTNET 8X5XNBD CATALYST 3850 24PT
	2		CON-3SNT-WSC604DL 3YR SNTC 8X5XNBD Catalyst 2960-X 24 G

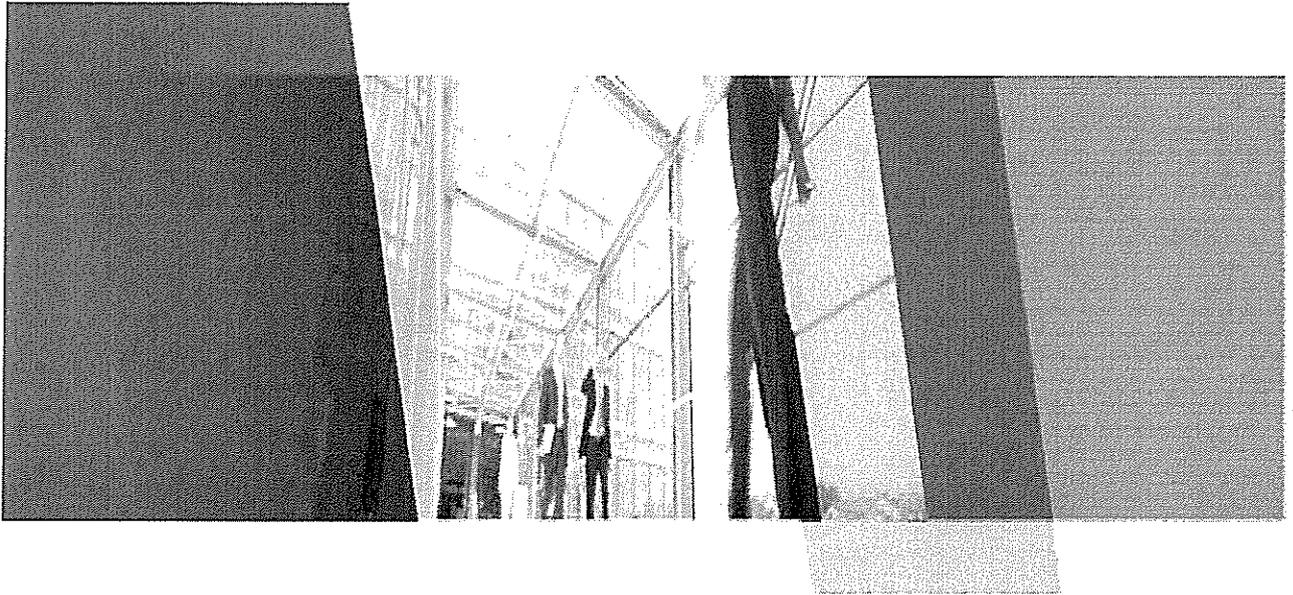
203-956-5622

A2 COMPUTERS LLC

494 Bridgeport Avenue Shelton, CT 06484

edartis@a2cpu.com

description	price	total
data network switch	\$2,968.00	\$20,776.00
flexstack plus stacking cable	\$75.00	\$1,050.00
spf transceiver module	\$50.00	\$350.00
fiber optic patch cable lc/sc	\$15.00	\$105.00
cat 6 blue patch cable 7'	\$1.70	\$1,224.00
security network switch	\$2,968.00	\$8,904.00
security network switch	\$1,930.00	\$3,860.00
flexstack plus stacking cable	\$75.00	\$150.00
spf transceiver module	\$50.00	\$250.00
fiber optic patch cable lc/sc	\$15.00	\$75.00
cat 6 gray patch cable 7'	\$1.70	\$326.40
security exterior network switch	\$2,451.00	\$9,804.00
spf transceiver module	\$281.00	\$1,124.00
fiber optic patch cable lc/sc	\$20.00	\$80.00
Installation	\$3,200.00	\$3,200.00
UPS 2200 VA	\$1,000.00	\$2,000.00
	\$1,135.00	\$4,540.00
Installation	\$250.00	\$1,500.00
interior wireless access point	\$742.99	\$43,093.42
exterior wireless access point	\$1,100.00	\$6,600.00
cat 6 bluepatch cable 15'	\$4.20	\$268.80
	\$299.00	\$19,136.00
Installation training	\$5,800.00	\$5,800.00
	\$14,000.00	\$14,000.00
	\$230.00	\$230.00
	\$90.00	\$90.00
	\$300.00	\$4,800.00
	\$19.00	\$304.00
	1385	\$13,850.00
	3950	\$3,950.00
	836	\$1,672.00
Totals		\$173,112.62



**A2 Computers LLC
Scope of Work Agreement
for
Sandy Hook Elementary**

BVH

May 12, 2016

Confidential

Copyright ©2012 by A2 Computers LLC.
All Rights Reserved

This is a binding agreement when signed by both parties.

INTRODUCTION

Objectives

Resource and Scheduling Information

A2 Computers LLC estimates that the installation of switches/Wireless Access Points's/APC's detailed in this document will require one (4) consultant(s) to accomplish. This will include all necessary project management tasks to complete the engagement for Sandy Hook Elementary School. The duration of the project covered by this statement of work is open ended to completion of work. Scheduling information for this deployment is contingent upon acceptance of a mutually agreed upon Scope of Work.

SCOPE OF WORK ("SOW")

- Delivery of all equipment quoted either to the school for storage until installation or to our warehouse for storage. Disposal of boxes and storage materials
- Stacking and cabling of switches, patching with cables, load UPS into rack and securing, connect power cables, power startup, verify OS/firmware with updates
- Work with the IT representative to assign IP addresses, create/configure VLAN's, stacking, ports and hardware equipment to the customer's district network specifications.
- Place Meraki Ap's in designated locations after coordinating wireless test
- Configure Meraki dashboard and set up user access according to specifications
- Provide Spreadsheets with locations, IP addresses, etc
- Configure UPS's and start up
- Review the system architecture, setup, configuration, connectivity, and location of all equipment and components.
- - Provide general description of function for each individual equipment and component.
- Train appropriate IT personnel on procedures and schedules for system administration, routine use, troubleshooting, servicing, and maintaining equipment.
Demonstrate methods of determining optimum setup, configuration, and adjustment of equipment and components for system controls and function.

Compensation

Installation and training costs are included in the submitted final quote.

Change Management

Additional tasks considered outside the scope of work of this engagement, any delay and/or wait-time on this project, will be defined, documented, and mutually agreed upon by Consultant and A2 Computers prior to beginning any new activity. Such documentation of the task(s) to be performed will then become an amendment to this agreement. Any delay or postponement experienced caused by lack of site readiness to accept the service, union requirements or issues, or work performed on additional task(s), will be incurred at the daily rate, plus travel and related expenses. The rates used to calculate this are assuming normal working hours (i.e. 8:00 a.m. to 5:00 p.m. Monday through Friday).

Contact Information

A2 Computers
Ed Artis-Managing Partner
203-434-8930
494 Bridgeport Avenue-suite 106
Shelton, CT 06484

ACCEPTANCE OF SCOPE

SIGNED: _____ DATE: _____

NAME / TITLE: _____ / _____

A2 Computers Representative
SIGNED: _____ DATE: _____

Please sign and email to edartis@a2cpu.com

Or mail to Ed Artis-A2Computers LLC 494 Bridgeport Avenue suite 106 Shelton CT 06484



Telephone: 1-888-WBMASON

QUOTATION

W.B. Mason
 2460 State Street
 Hamden, CT 06517

Customer Number C1140508
 Order Number S037172419
 Date 5/10/2016
 Sales Rep Name Mark McElrath
 Project ID PROJ006929

Billing Address:
 Town Of Newtown
 Attn: Attn Karen Szilagyi
 3 Primrose Street
 Newtown, CT 06470
 Purchase Order: QUOTE
 State of CT Contract # 15PSX0041

Delivery Address:
 Sandy Hook Elementary
 Attn: Hajrolda Beshi
 12 Dickinson Drive
 Newtown, CT 06470

Item No	Description	Qty	Unit Price	UOM	Ext Price
NAC31TLL	ACCESSORIES,31W LED TASK LIGHT,LINEAR,SINGLE/STARTER UNIT	2	\$167.33	EA	\$334.66
WANDFS	Wand LED Lamp Freestanding Base Paint Opts: .SVR CLR: Silver	4	\$118.68	EA	\$474.72

Product Subtotal: \$809.38
 Tax Subtotal: \$0.00
 Order Total: \$809.38

PROPOSAL	NO. V-16389-0	Date: 4/21/2016	Modified: 4/15/2016	Revision: 0
Newtown-Sandy Hook Equipment Removal-JMP-4132016-v-			 VALLEY COMMUNICATIONS SYSTEMS 20 1st Ave Chicopee, MA 01020-4619 800-522-4136 www.valleycommunications.com Jim Page AV Sales and System Design Southern CT CTS Certified  800-522-4136 (ext 211) Frons 413-219-5785 Cell 413-888-1897 Fax JimP@valleycommunications.com	
Newtown Public Schools				
Sandy Hook Monroe Location 375 Fan Hill Rd Monroe, CT 06468		Name: Title: Phone: Email:		

Un-Install and Deliver

TEST

- 1*Valley will Test 31 Permanent Installs and note issues with projectors and or SMART boards.
- 2*Valley will test 4 Portables and note issues with projectors and SMART boards.

UN-INSTALL and PACK

- 1*Valley will Un-install 31 Permanent Installs to include 3 Portable Irovers equaling 34 units
 - A*Will will un-install Projectors and Mounts from 31 Permanent installs and 3 Portable Irovers, Bubble wrap the projectors and put aside for the district.
 - B*Will leave all the surface mount raceway but un-install all the cables and put with the projectors and mounts.
 - C*Valley will leave all the speakers in the ceiling and coil the speakers cable above the ceiling.
 - D*Valley will Un-Install all the Irovers and move the Gym Irover complete to the new school with the projector bubble wrapped.
 - E*Valley will Un-Install 34 SMART boards and bubble wrap them for shipping along with 31 audio amps.
- LOAD AND DELIVER EQUIPMENT**
- 1*Valley will load all the SMART Boards and Audio Amps and move them to the new school and place in the classrooms.

****Someone from the district should be on site for the first few hours of the first day so if we run into some issues while testing it can be resolved ASAP****

***All Students desk, teachers work stations and any furniture will be moved away from the front of the classrooms and main door prior to Valley starting. This will be handled by the district.

****Valley will move all the equipment at the end of the un-install of existing equipment and deliver to the new school the same day. No equipment will be left in any moving trucks.****

Sandy Hook Project			Unit Price	Total Price
Test				
34	Valley CT_Labor	CT state contract Installation Labor		\$1,615.00
Un-Install and Pack				
34	Valley CT_Labor	CT state contract Installation Labor		\$4,845.00
Load and Deliver of Equipment				
34	Valley CT_Labor	CT state contract Installation Labor		\$6,460.00

* Price Includes Accessories
**Rounded to the Nearest Whole Penny

Miscellaneous Items:

1 Misc Packing Materials	\$200.00	\$200.00
Miscellaneous Items Total:		\$200.00

Project Summary

Equipment:	\$0.00
Professional Services:	\$12,920.00
Misc. Items:	\$200.00
Grand Total:	\$13,120.00

Client:

Date

Contractor: Valley Communications Systems

Date**Terms and Conditions****PAYMENTS (If NOT Amended Above)**

30% Payable with signed Sales Agreement/Purchase Order, Future Payments per Progress Billing and/or Final Billing.

Quote Valid for 30 days. Please include a copy of this quote with your purchase order. Quote does not include taxes (if not listed above). Quote does not include permits or fees that may be required. Valley Communications Systems, Inc. warrants the installation performed by Valley for 30 days from date of installation, unless you have a valid Service Contract or if stated otherwise above. After the 30 day warranty, any work performed will be billed at standard labor rates. All service will take place during normal working hours.

Customer Responsibilities

1. Designate a key customer representative to act as project manager. This individual will coordinate the activities of internal customer departments and services required for successful completion of the project.
2. Installation and termination of Fire alarm system, and/or interconnect, as needed.
3. Provide Valley Communications personnel prompt and unrestricted access to work areas for the duration of the project.
4. Provide adequate and secure space for storage of equipment, cable, hardware, and tools during the installation. This space will be as close as possible to the work area.
5. Provide conditioned 120 VAC power, conduit, back boxes and other raceway as necessary to operate equipment to be installed. If permanent power is not available at time of installation, temporary service will be supplied.
6. Computer Hardware, Internet connectivity, as well as the installation of all supporting computer software and drivers, all LAN provisioning, switches, routers, network connections, servers, operating systems and systems integration required to effectively run your installed interactive or other hardware device(s) and display equipment, unless specifically stated otherwise, is the exclusive responsibility of the Customer.
7. Provide any cutting, patching, painting or fire-safing as required.
8. All conduits, ductwork, and cable trays needed for cable runs will be free and clear, and supplied with a pull string.
9. Building Vibration can impact AV Systems, including audio noise and visual image degradation. Valley Communications is not responsible for building vibration. If required, dampening devices are available at an additional charge.
10. Valley will add a 2% surcharge for Credit Card Purchases.

* Price Includes Accessories
**Rounded to the Nearest Whole Penny



Valley Communications Systems

Proposal No. V-16389 - 0