

Feb 11 2020 AT 8:54 AM/PM

EAST LYME TOWN CLERK



Town of East Lyme
Board of Selectmen Ad-Hoc
Public Safety Building Vision Committee
Tuesday, February 4, 2020 @ 5:30 p.m.
East Lyme Town Hall – Conference room 1

Members Present: Mike Finkelstein, Paul Dagle, Dan Cunningham, Lisa Picarazzi, Anne Santoro, Mark Powers, Joe Barry, Bill Cornelius

Excused: Dan Price, Kevin Seery, Tony Buglione, Bill Weber,

Also Present: First Selectman, Mark Nickerson, Ray O'Connor - East Lyme Building Committee, Brian Cleveland - Silver/Petrucelli (S/P), John Way, Fire Marshal (FM), Steve Way Building Official (BO)

1./ 2. **Call to Order / Pledge of Allegiance:** Chairman Dagle called the meeting to order at 5:30 p.m. and led the Pledge of Allegiance.

3. **Public Delegations:** None

4. **Approval of Minutes from January 21, 2020:** Motion made by Bill Cornelius, seconded by Mark Powers. The motion on approval of the minutes from the January 21, 2020 meeting passed 8-0-0.

5. **Review outstanding open items:**

- **\$1MIL Eversource 0% Financing allotment for East Lyme - Remains Open** as Kevin Seery was unable to attend tonight's meeting.
- **Confirm IT space is appropriately sized.** Discussion on this will be postponed until after FM Way and BO Way present their findings on the current building plans.
- **Availability of the Building Committee to oversee the project/Clerk of the Works – Remains Open.**
- **Chairman Dagle: Furniture inventory project** – Items 1-5 on the Furniture Inventory and Move Management Services document that were approved by the Public Safety Building Vision Committee have been signed off on by the Town via the "AIA Document G802 – 2017 – Amendment to the Professional Services Agreement". This document has been filed with the Town Clerk and the services have been added to the scope of work for the project.

Chairman Dagle asked FM John Way and BO Stephen Way to inform the Committee members of the level of satisfaction each has with the current plan in meeting building and fire code compliance.

BO Way stated that he and the FM are in agreement that what is there is good. They will watch the progress as it goes along.

FM Way concurred and stated they were looking to review the 100% completed construction documents being presented this evening.

BO Way asked Brian Cleveland if the rear hallway discussed during their plan review meeting had been incorporated.

Brian Cleveland stated that is still an open topic. Brian explained to the committee the discussion he had with the FM and BO during their plan review meeting regarding adding an exit passageway from the detention area to the exterior of the building. A discussion with Chief Finkelstein, post their plan review meeting, about evacuation of detainees was then forwarded to the BO via email. Brian stated there are several safeguards in place. There is a two-hour fire/smoke separation surrounding the entire detention area from the rest of the building. As discussed



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with Chief Finkelstein, Brian explained that the detainees would evacuate directly into the Sally Port which is a separate smoke enclosure which additionally has a two-hours smoke/fire separation. At this point, the exit passageway has not been added pending further specific discussion on how the detainees would be evacuated if they needed to leave the building.

BO Way stated his major concern would be motor vehicles stored in the Sally Port area. If any vehicles are going to be stored in this area, this causes concern.

FM Way concurred, as if this were the case, the detainees evacuated to the Sally Port are potentially evacuating to a hazardous area.

Brian Cleveland explained the two means of egress from the detention area.

Chief Finkelstein stated we could look at other municipalities that operate under the same building structure that the State has signed off on.

BO Way reiterated he does not have an issue with the current plan providing vehicles won't be stored inside.

Chief Finkelstein stated there will be an impound lot on the exterior of the building for storing vehicles.

Chairman Dagle asked if a full-size copy of the 100% construction documents can be provided to the FM and BO.

Brian Cleveland confirmed this would be done.

FM Way and BO Way left the meeting.

• **Confirm IT space is appropriately sized (continued from open items)**

Chairman Dagle asked Brian Cleveland to continue with the IT space discussion and to point out any significant changes since our last meeting.

Brian Cleveland referred to the latest floor plan drawing provided to the committee members (**Attachment A**) which shows the relocation of the armory. The former location was needed for EOC functions. Brian also reference another meeting with the IT Vendors at which time it was decided to move the location to a larger room on the 2nd floor to accommodate space needs as well as locate closer to the existing IT room which will eliminate re-wiring.

Bill Cornelius asked what the cost savings was by doing this.

Brian Cleveland stated that they did not remove any of the funding set aside for IT as there is a considerable amount of work required for transitioning this wiring. The funds remain in as a cushion. The amount factored in for extending the lines was approximately \$30K.

Chairman Dagle referenced an updated cost estimate and summary provided by S/P (**Attachment B**).

Brian Cleveland explained the documents to the committee members. The IT equipment/buildout is approximately \$126K for new infrastructure. \$40K of that is for a new UPS (battery backup) to provide smooth transition of all components from electric to generator power during an outage.

Lisa Picarazzi asked if the Dispatch equipment will be moved over to the new building, servers, etc.



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Chief Finkelstein stated that most of the IT equipment will be re-used. The Dispatch equipment will be new as it would be impossible to have a cut over with old equipment and remain operational. The cost of that equipment is factored into the Communications portion of the budget.

Brian also stated they looked at the improvements to the fire resistance ratings of the building which involves a \$181K change on the SD estimate. He also stated there is a \$65K reduction for not including the sprinkler system that was in the original SD estimate bringing the total net change to \$116K for fire rating improvements.

Lisa Picarazzi asked if the fire rating improvements would be necessary if there was a sprinkler system.

Brian Cleveland stated the requirements would be reduced. He stated that the entire building would need to be sprinklered. The difference between the current cost estimate vs putting in a sprinkler system, including bringing the Town water supply in would be a wash or a little less by not putting in sprinklers.

Lisa Picarazzi thought this is something that should be discussed now.

Chairman Dagle asked the question, do we invest additional money for water hookup and sprinkler, or do we invest \$116K for fire rating?

Lisa Picarazzi asked if the plan is to bring water to the building in the future.

Brian Cleveland stated that their plumbing engineer has done an analysis of the building based on the well information provided by the Town. Currently occupancy of the first floor only will never overwhelm the system. The well can support occupancy of the second floor. The current issue is water usage from the detention toilets decreases the pressure in the tanks. Tanks won't rebound to 70PSI until a low of 32PSI is reached. It takes approximately ten minutes for a total recharge.

Lisa Picarazzi asked Brian for his recommendation.

Brian Cleveland stated that there is enough volume in the system to occupy the entire building. The pressure to work the flush valve toilets in the detention center will work, but won't be 100%. He stated bringing Town water to the building at this point is not a dire need as sprinklering the entire building is not in the current plan and there is sufficient well to provide amount needed for everyday use. He does not believe that the reduction of flush pressure from detention toilets justifies a recommendation to bring the Town water in.

Dan Cunningham stated that Lisa's question on whether we may need to bring in Town water in the future was a valid question and it is worth thinking it over.

Chairman Dagle asked how much of the \$116K would be reduced with a full sprinkler system?

Brian Cleveland stated some dampers would still be necessary, but approximately 75% of the \$116K could be reduced.

Chairman Dagle factored the numbers noting an \$80K difference by fully sprinklering the building.

Bill Cornelius noted that this building will be monitored 24-7-365 by dispatch personnel.



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Chairman Dagle asked what the highest number of prisoners locked up in Waterford at one time has been.

Chief Finkelstein stated generally it has been no more than two. He feels three cells is sufficient.

Bill Cornelius asked if the first floor could be sprinklered and pipe feed only run to the second floor as we don't know what future occupancy will require for renovations.

Brian Cleveland explained that regarding building code, when you install a sprinkler system, it is "for the building" unless a fire separation is created. This won't be possible.

Chairman Dagle stated the sprinklers should remain as an **open** item pending further conversation with the Fire Marshal and Building Inspector.

Brian Cleveland stated that testing would need to be done on the water supply to determine if sufficient pressure is available for the sprinklers via a hydrant test or if a fire pump would be necessary. This could add \$60K to the cost.

Chief Finkelstein asked Mr. Nickerson for a timeline when the adjoining properties project will start. This could drastically delay our project with no guarantee the hydrant test (once installed) will provide sufficient pressure.

Mr. Nickerson added that even when the new main goes in for the development, 65% of the homes will draw water from the same main.

Brian Cleveland stated where we are now, the building is rated for business use and is designed to work without the fire suppression system. It is not needed. If down the road, the second floor is occupied by anything other than a business use, that could pose an issue.

Dan Cunningham surmised that we are looking at a potential \$40K increase with a potential \$65K fire pump needing to be added should it be determined the Town water supply does not provide adequate pressure. He asked if the fire pump can be added later or does it need to be part of the ground up process?

Brian Cleveland stated the calculations are based on the use. The need for a fire pump will be determined as soon as we attempt to install the system.

Anne Santoro stated she would like to hear the Fire Marshals perspective on what we currently have vs sprinklers.

Chairman Dagle asked if an alternate suppression system would be needed in the IT room, and what would the cost of that be.

Chief Finkelstein also noted that there will be quarterly inspections and regular maintenance required by code for a sprinkler system. These would be added operating expenses.

Joe Barry noted that we have worked really hard to come up with a solid plan. We are talking about hypotheticals now. It has come to the point where S/P has put out a good plan that meets our needs and fulfills all of the requirements per code.

Mark Powers stated that we need to get a better handle on the costs. He agrees it is a worthwhile conversation, but what we have is acceptable. It would be nice to add the sprinkler system, but can we afford it?



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Bill Cornelius stated that he has worked in the industry for thirty years. It would be nice to have a sprinkler system, but the building is made of steel and concrete with up to date technology and is monitored 24/7/365. A sprinkler system is not needed.

Chairman Dagle stated we will defer to the professional's opinions on which way to go. In summary, the FM will be consulted, as well as the Water Utility professional will be consulted and asked their opinion on sprinklers vs no sprinklers. Adding the sprinklers could increase the cost by as much as \$130K.

Anne Santoro asked Brian if there would be additional design fees for a version with the sprinklers.

Brian Cleveland stated that the sprinkler portion of the design was for the detention and sally port areas only. For a full building sprinkler design, there would be additional design costs.

Brian Cleveland reviewed the updated cost estimates with the Committee. He noted that the evidence storage area is quite damp so waterproofing and dehumidification will be added to the space.

Chairman Dagle asked about the \$60K for the access control and surveillance system.

Brian Cleveland explained that between the time the SD estimate was done and now, S/P has completed a similar project in which the pricing came in double the original estimate. He bumped up that number to be sure the cost will be covered. Brian noted additional doors for fire rating, trenching for toilets, footings and structural for sally port / detention area also to meet fire codes. Brian additionally noted that in the base building code requirements, it states that the cell doors and any exterior doors must be operational from a 24-hr. manned position. This capability will be available in the Dispatch Center.

Chairman Dagle referred to the summary page of the cost estimate which now includes an owner's contingency. Additionally, he noted that the Elevator car can be postponed as there will not be any occupancy on the second floor. Based on these numbers, the Chairman asked if the committee was comfortable from a design standpoint to go out to bid.

Chief Finkelstein stated that Thursday, they will finally meet with the State to discuss fiber and 911 switch over. This meeting will hopefully yield some of the final answers to finalize costs which will hopefully fall within the allotment allowed.

Anne Santoro asked if we are near the communications allotment and if we were close.

Chief Finkelstein stated that much of it is driven by the State. There are many moving parts that will require them to evaluate all of the existing fiber nodes. We won't have a final cost until that evaluation is done. The equipment is certainly well within the budget. The fiber is the wildcard that we have no control over.

Chairman Dagle added, once we know what that number is, it is what it is and will have to be factored in.

Lisa Picarazzi asked if the State will give us an estimate at the Thursday meeting.

Chief Finkelstein stated that is unknown. This is the first time we have been able to meet with the State.



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Chairman Dagle stated a Clerk of the Works cost will need to be added in. He asked Brian about the period of performance estimate. From a budgeting standpoint, we can budget for 40 hours per week.

Brian Cleveland stated a six to eight-month timeframe is realistic to get everything done. He additionally stated that with a good contractor that knows how to schedule deliveries there should not be any delays in the schedule.

6. New Business:

Anne Santoro mentioned the USDA Loan opportunity for this project. She stated she has spoken with the USDA Rep. They can still be involved and provide documentation with the bidding process. Once we go out to bid, it will be too late.

Mark Nickerson stated in his meeting with them they indicated we are late in the process, but could be accommodated. This could result in a three-month delay.

Chairman Dagle asked what the Delta was for this loan.

Mark Nickerson stated that it is 2.75% which is a good number. He will speak with Anna Johnson again to find out what the savings is, but this will cause another delay. He cautioned how this could potentially delay the project and his concerned with going through another winter in the old building.

Chairman Dagle said we would add the USDA Loan to the **open** items list.

Brian Cleveland asked who the point of contact will be for the bids.

Chairman Dagle said the bids will be submitted to Mr. Nickerson. This committee will then review the bids, select a contractor for recommendation to the Board of Selectman.

Mr. Nickerson noted that Chairman Dagle will be the Point of Contact for questions.

7. Bid Documents

Chairman Dagle asked when we could expect final construction drawings and the AI breakdown to go out to bid.

Brian Cleveland stated they could be ready by the middle of next week. Brian asked Mr. Nickerson if there was anything from legal counsel on the front-end specs.

Mr. Nickerson stated that Town Engineer Bill Scheer thought the package was fine. They can send the package to the attorneys tomorrow for legal review if Bill Scheer hasn't done it already.

Brian Cleveland asked when we will go out to bid.

Chairman Dagle stated he is hoping that after the next meeting, we can go out to bid.

8. Discussion on Next Steps:

Chairman Dagle recommended meeting again next week.



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Brian Cleveland noted that S/P's Civil Engineers have submitted the site plan and it has been approved. When the GC is selected, they are good to go with getting permits.

9. **Next Meeting Date:**

Chairman Dagle set the date for our next meeting of Tuesday, February 11, 2020, 5:30 p.m. at the Town Hall.

10. **Adjourn:**

Bill Cornelius made the motion to adjourn, Lisa Picarazzi 2nd the motion, the motion passed 8-0-0. The meeting was adjourned at 6:56 p.m.

Respectfully submitted,

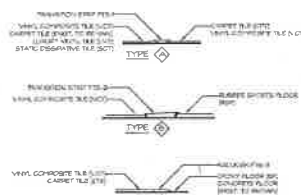
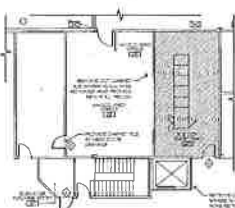
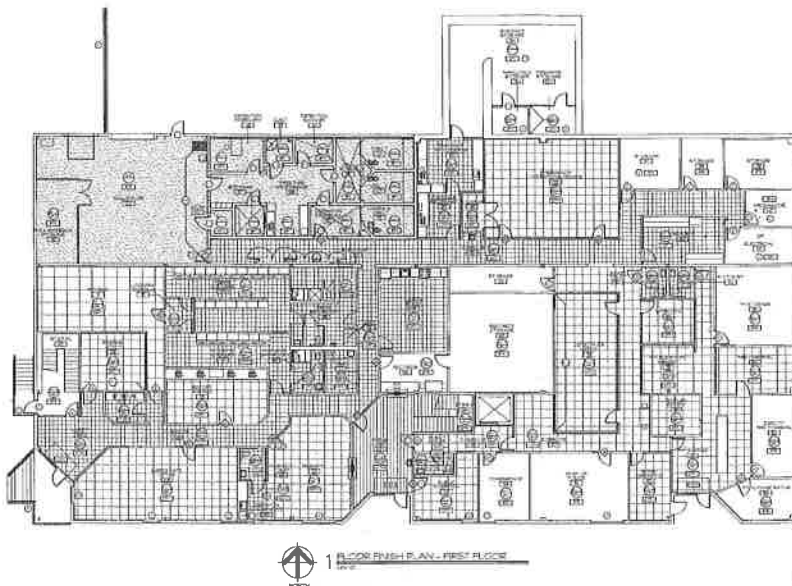
A handwritten signature in dark ink, appearing to read "Julie C. Wilson", is written over a circular stamp. The signature is fluid and cursive.

Julie C. Wilson
Recording Secretary

Open Items:

1. Chairman Dagle: Sprinklers Pending further conversation with the Fire Marshal and Building Inspector.
2. Kevin Seery: \$1M Eversource 0% financing allotment for East Lyme – (Pending response).
3. Chief Finkelstein: Fiber – Results from meeting with State of CT
4. Chairman Dagle: Building Committee availability to oversee the project – Clerk of the Works.
5. Chairman Dagle: Furniture inventory project – Items 6 & 7 remain open.
6. Mark Nickerson: USDA Loan

(Attachment A)



LEGEND	
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SILVER / PETRUCELLI + ASSOCIATES

Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel: 203 230 9007 Fax: 203 230 8247
silverpetrucelli.com

February 3, 2020

Paul Daigle
Public Safety Vision Committee
Town of East Lyme

Explanation of changes from 19-12-03 SD Estimate to 20-02-03 CD Estimate

We have reviewed and compared the Construction Cost Estimates provided during or Schematic Design (SD) and Construction Documents (CD) phases. We have outlined moderate to major changes between the two estimates that have resulted in a change. A major change to the Base Bid of the two estimates is relating to the inclusion of the Sally Port and Detention Area in the CD estimate. We have continued to break out the Sally Port and Detention Area in our CD estimate as a deduct alternate.

Increases to the construction cost resulting from code compliance for fire resistance ratings of the buildings corridors and separation of the sally port from the remainder of the building accounts for an approximately \$181,000 change. There is a \$65,000 decrease for not having to provide the fire suppression system in the sally port or detention area. The net change for fire resistance and fire suppression changes is an increase of \$116,000.

As part of the process of developing the SD drawings into CD drawings, we come to understand the full requirements of the project and its associated cost. Now that we have nearly completed our CD's we are able to fully estimate the complete scope of the work. This accounts for most of the increases and decreases listed below.

We believe that there is a cost of approximately \$126,000 associated with providing the infrastructure required for the new communications equipment. These costs include: Demolition and new construction for the IT room and its finishes; A new UPS; Relocation of the existing and addition of 1 HVAC Split System for IT room; Low voltage wiring; New branch circuiting for systems power connections.

Architecture**Division 2**

- Additional area of High Bay area slab needs to be removed to provide proper footings for new load bearing walls of the detention area and trenching for below slab piping of the detention area.
 - + \$22,500

Division 3

- New concrete slab, footings and reinforcing for detention area.
 - + \$9,000

- New structural concrete floor infill above detention area to provide fire separation assembly.
 - + \$4,850

Division 5

- Additional structural steel for new roof penetrations and equipment support.
 - + \$15,000
- New structural ceiling system above detention area to provide fire separation assembly.
 - + \$15,675
- Add ships ladder and railings at new equipment mezzanine in sally port.
 - + \$7,620

Division 6

- Additional built in counters and cabinetry were included in the Armory.
 - + \$5,500

Division 7

- Amount of rigid insulation was reduced.
 - - \$4,000
- Additional areas of roof repair were identified.
 - + \$4,200
- Added waterproof traffic coating to roof over evidence storage.
 - + \$10,100
- Added recaulking of existing windows.
 - + \$3,000

Division 8

- Number of doors able to be salvaged decreased due to inadequate door and frame fire rating. This has required these doors to be changed to new doors.
 - + \$14,000
- Added doors to conceal surface mounted electrical panels within corridor near the detention area. Accessibility requirements.
 - + \$4,200
- Access doors for detention cell plumbing added.
 - + \$ 1,300
- Fire shutters for window openings into main lobby from Dispatch and Records added.
 - + \$1,800

Division 9

- Additional framing and drywall to create required fire ratings.
 - + \$28,600

- Added ballistic rated wallboard between main lobby and detention and records rooms.
 - + \$4,000
- Replacing existing ACT with fire rated ACT at storage rooms.
 - + \$12,400
- Reduced the area of steel security ceiling in detention area and replaced with Secured ACT.
 - - \$5,500
- Price of installed VCT was adjusted to represent current market price.
 - + \$8,000
- Area of FRP was reduced.
 - - \$3,300
- Painting of Detention Area CMU block was changed to epoxy paint for increased durability within this area.
 - + \$16,000

Division 10

- Detention furniture was selected and priced.
 - + \$5,350
- Storage cage in Sally Port and Weapons storage added to estimate.
 - + \$9,000
- Removed metal storage shelving from records and evidence rooms.
 - - \$24,500

Division 11

- Add range, hood, and full-size refrigerator to Dispatch
 - + \$2,500

Division 12

- Windows shades where changes to aluminum mini-blinds.
 - - \$3,400

Fire Protection

Division 21

- Based on our code review and the limited number of people that will be detained (less than 4) the detention area will not be considered an I-3 Occupancy but an extension of the Police Department's B Occupancy.
 - - \$65,000

Plumbing

Division 22

- Quantity of plumbing fixtures increased.
 - + \$11,000

- Additional demolition saw cutting and trenching due to remote fixture locations.
 - + \$10,000
- Fire wrapping existing ABS and PVC piping to meet smoke and fire rating due to return plenum ceiling.
 - + \$23,500
- Elimination of separate water heater system for detention area.
 - - \$12,000

Mechanical

Division 23


- Increased amount of ductwork modifications required.
 - + \$4,000
- New Ductwork replacing existing fiberboard ductwork.
 - + \$21,000
- Add exhaust fan and ductwork for dispatch kitchen at new stove for this area.
 - + \$15,000
- New Ductwork insulation increased due to increased amount of new ductwork.
 - + \$16,875
- Added 85 fire/smoke dampers for ductwork penetrating corridor walls as required by code.
 - + \$85,000
- New grills and diffusers have been added. We are reusing as many of the existing as possible, however we need to add more to support the space requirements.
 - + \$12,250
- Dedicated detention Cell HVAC equipment changes to the quantity of VAV boxes, Ductwork and specialty grilles changes.
 - + \$24,000

Electrical

Division 26

- UPS price adjusted to reflect actual budget pricing compared to estimating guide price list.
 - + \$10,000
- IT panel and branch circuits cost for supporting new communications rack equipment in the Server Room based on recently provided requirement.
 - + \$27,000
- Elevator feed was not included in the SD estimate
 - + \$3,000
- New Power Panel and circuits for the additional power required for the new layout and mechanical equipment.
 - + \$16,000
- Additional power to added HVAC equipment.
 - + \$5,000

- Relocate the existing panel and transformer in the high-bay area to the equipment mezzanine.
 - + \$4,000
- Added surface floor raceway with power and data in the EOC
 - + \$3,000
- Additional locations for the Access Control and Surveillance System above those originally planned for and updated pricing to reflect current market conditions.
 - + \$60,000

Town of East Lyme		Date:	2/4/2020
East Lyme Public Safety Building		Job No.:	19.087
277 West Main Street		Project Size:	17,045 sf
Niantic, Connecticut 06357			
OPINION OF PROBABLE COST			
Total Project Cost Estimate			
Base Bid Construction Cost Estimate		\$	2,915,912
Hazardous Materials Abatement	Allowance	\$	15,000
Furnishings		\$	-
Relocation Cost (Furniture Moving)	Allowance	\$	10,000
A/E Contract Design and Bid Base Services		\$	85,100
A/E Contract Add Alternate Allowances		\$	26,600
A/E Furniture Inventory & MM Sevices (Tasks 1-5)		\$	22,248
Environmental Engineer Services		\$	6,028
Bid Leagle Notices	Allowance	\$	1,000
Materials Testing	Allowance	\$	6,000
Zoning Application Fee		\$	60
Building Permit Fee (May be waived)	\$10.00 per \$1,000	\$	29,159
State Education Fee	\$0.26 per \$1,000	\$	758
Owners Contingency (% of Base Bid)	10%	\$	291,591
Communications Equipment	Allowance	\$	500,000
Building Procurment		\$	2,700,000
Base Bid Grand Total		\$	6,609,456
Deduct Alternate 1 (Eliminate Detention and Sally Port from Base Bid)		\$	759,999
Reduction in Building Permit Fee (May be waived)	\$10.00 per \$1,000	\$	7,600
Reduction in State Education Fee	\$0.26 per \$1,000	\$	198
Reduction of Materials Testing	Allowance	\$	3,000
Reduction in Owners Contingency (% of Deduct Alternate 1)	10%	\$	76,000
Deduct Alternate 1 Grand Total		\$	846,797
Add Alternate 1 (Add Elevator and Equipment to Base Bid)		\$	136,391
Building Permit Fee (May be waived)	\$10.00 per \$1,000	\$	1,364
State Education Fee	\$0.26 per \$1,000	\$	35
Materials Testing	Allowance	\$	3,000
Owners Contingency (% of Add Alternate 1)	10%	\$	13,639
Add Alternate 1 Grand Total		\$	154,430
 SILVER/PETRUCELLI + ASSOCIATES Architects / Engineers / Interior Designers 3190 Whitney Avenue, Hamden, CT 06518 Tel: 203 230 9007 Fax: 203 230 8247 www.silverpetrucci.com			


Town of East Lyme				Date:		2/4/2020	
East Lyme Public Safety Building				Job No.:		19.087	
277 West Main Street				Project Size:		17,045 sf	
Niantic, Connecticut 06357							
OPINION OF PROBABLE CONSTRUCTION COST INCL. DETENTION & SALLY PORT							
Base Bld							
SECTION NUMBER	WORK CATEGORIES	QTY.	UNIT	MATERIAL & LABOR COST		ALLOWANCE	TOTAL \$
				UNIT \$	TOTAL		
	DIVISION ONE						
	CLEANING UP (FINAL)	17,045	SF	\$0.65	\$11,079		\$11,079
	TEMPORARY PROTECTION	17,045	SF	\$1.30	\$22,159		\$22,159
	SITE MOBILIZATION & BONDING	17,045	SF	\$2.00	\$34,090		\$34,090
	CONSTRUCTION FENCE	1	LS	\$2,000.00	\$2,000		\$2,000
DIVISION TOTAL =							\$69,328
	DIVISION TWO - EXISTING CONDITIONS						
	REMOVE CONCRETE CURB	50	LF	\$3.50	\$175		\$175
	REMOVE CONCRETE SIDEWALK	1,500	SF	\$3.00	\$4,500		\$4,500
	REMOVE PAVEMENT	5,000	SF	\$1.50	\$7,500		\$7,500
	REMOVE SHRUBS (BY DPW)		EA	\$75.00	\$0		\$0
	REMOVE AND STORE CARPET TILE	4,361	SF	\$2.25	\$9,812		\$9,812
	REMOVE AND STORE CEILING TILE	5,461	SF	\$1.90	\$10,377		\$10,377
	REMOVE AND STORE DOOR & FRAME	7	EA	\$200.00	\$1,400		\$1,400
	REMOVE SLAB ON GRADE	500	SF	\$15.00	\$7,500		\$7,500
	REMOVE SLAB ON GRADE (DETENTION)	1,500	SF	\$15.00	\$22,500		\$22,500
	REMOVE FLOOR FRAMING AND METAL DECKING	100	SF	\$36.00	\$3,600		\$3,600
	REMOVE FLOOR FINISH	3,601	SF	\$2.00	\$7,001		\$7,001
	REMOVE CASEWORK	18	LF	\$61.00	\$1,098		\$1,098
	REMOVE EXT. CONC. BLOCK	28	SF	\$5.00	\$140		\$140
	REMOVE GYPSUM & STUD PARTITION WALL	719	LF	\$6.50	\$4,674		\$4,674
	REMOVE DOOR AND FRAME	28	EA	\$140.00	\$3,920		\$3,920
	REMOVE ACT CEILING	4,929	SF	\$1.25	\$6,161		\$6,161
	DUMPSTER 40 YARD	4	EA	\$850	\$3,400		\$3,400
	DUMPSTER 40 YARD (DETENTION)	2	EA	\$850	\$1,700		\$1,700
DIVISION TOTAL =							\$95,458
	DIVISION THREE - CONCRETE						
03 31 13.35	CONCRETE ADDITIVE (BARRIER ONE)	15	CY	\$12.00	\$180		\$180
03 30 53.40	CAST IN PLACE CONCRETE (ELEVATOR PIT)	1	LS	\$8,000	\$8,000		\$8,000
03 30 53.40	CAST IN PLACE CONCRETE (FLAG POLE BASE)	3	LS	\$750	\$2,250		\$2,250
03 30 53.40	CAST IN PLACE CONCRETE (EXT. STAIRS)	1	LS	\$5,000	\$5,000		\$5,000
03 30 53.40	CAST IN PLACE CONCRETE (4" SLAB ON GRADE)	300	SF	\$3.30	\$990		\$990
03 30 53.40	CAST IN PLACE CONCRETE (4" SLAB ON GRADE)(DETENTION)	1,500	SF	\$3.30	\$4,950		\$4,950
03 30 53.40	CAST IN PLACE CONCRETE (24x12 STRIP FOOTING)(DETENTION)	150	LF	\$27.00	\$4,050		\$4,050
03 30 53.40	CAST INPLACE CONCRETE (2 1/2" FLOOR FILL)(DETENTION)	1,500	SF	\$3.25	\$4,875		\$4,875
DIVISION TOTAL =							\$30,295
	DIVISION FOUR - MASONRY						
04 05 16.30	MASONRY GROUTING	293	SF	\$5.50	\$1,609		\$1,609
04 05 16.30	MASONRY GROUTING(DETENTION)	1,932	SF	\$5.50	\$10,627		\$10,627
04 22 10.14	CONCRETE BLOCK (ELEVATOR HOISTWAY)	800	SF	\$10.50	\$8,400		\$8,400
04 22 10.14	CONCRETE BLOCK (STAIR EXIT DOOR)	24	SF	\$10.50	\$252		\$252
04 22 10.14	CONCRETE BLOCK (DETENTION)	1,932	SF	\$10.50	\$20,287		\$20,287
04 22 10.16	BOND BEAMS	192	LF	\$8.50	\$1,632		\$1,632
04 22 10.16	BOND BEAMS(DETENTION)	751	LF	\$8.50	\$6,387		\$6,387
DIVISION TOTAL =							\$49,194
	DIVISION FIVE - METALS						
05 12 00.00	STRUCTURAL STEEL (AROUND ELEVATOR SHAFT)	1	LS	\$17,000.00	\$17,000		\$17,000
05 12 00.00	STRUCTURAL STEEL (ROOF PENETRATION & MISC.)	1	LS	\$15,000.00	\$15,000		\$15,000
05 31 13.50	FLOOR DECKING (DETENTION)	1,500	SF	\$6.20	\$9,300		\$9,300
05 31 23.50	ROOF DECKING (ELEVATOR OVERRUN)	90	SF	\$4.25	\$383		\$383
05 42 13.40	FLOOR FRAMING JOISTS (DETENTION)	1,500	SF	\$4.25	\$6,375		\$6,375
	LOOSE LINTEL STEEL (MASONRY OPENINGS)	3	EA	\$400.00	\$1,200		\$1,200
	REBAR (ELEVATOR WALLS AND SLAB)	1,152	SF	\$4.00	\$4,608		\$4,608
	REBAR (DETENTION WALLS AND SLAB)	2,970	SF	\$4.00	\$11,880		\$11,880
05 73 23.50	METAL RAILINGS (STAIRS)	33	LF	\$60.00	\$1,980		\$1,980
05 73 23.50	METAL RAILINGS (EQUIPMENT MEZ.)(DETENTION)	27	LF	\$60.00	\$1,620		\$1,620
05 73 33.50	METAL GUARD RAILS (STAIRS)	33	LF	\$150.00	\$4,950		\$4,950
	SHIPS LADDER TO EQUIP. MEZZ (DETENTION)	1	EA	\$6,000.00	\$6,000		\$6,000
DIVISION TOTAL =							\$80,296
	DIVISION SIX - WOOD, PLASTICS & COMPOSITES						
	MISC. BLOCKING & NAILERS	1	LS	\$3,000.00	\$3,000		\$3,000
	STEEL SUPPORT BRACKETS	5	EA	\$100.00	\$500		\$500
06 20 23	INTERIOR FINISH CARPENTRY (BASE CABINETS)	68	LF	\$250.00	\$17,000		\$17,000
06 20 23	INTERIOR FINISH CARPENTRY (UPPER CABINETS)	25	LF	\$175.00	\$4,375		\$4,375
06 41 50	INTERIOR FINISH CARPENTRY (PLASTIC LAMINATE COUNTER & SHELVING)	352	SF	\$50.00	\$17,600		\$17,600
06 41 50	INTERIOR FINISH CARPENTRY (PHENOLIC COUNTER)	22	SF	\$75.00	\$1,650		\$1,650
06 20 23	INTERIOR FINISH CARPENTRY (BASE CABINETS)(DETENTION)	10	LF	\$250.00	\$2,500		\$2,500
06 41 50	INTERIOR FINISH CARPENTRY (PLASTIC LAMINATE COUNTER & SHELVING)(DET)	40	SF	\$50.00	\$2,000		\$2,000
DIVISION TOTAL =							\$48,625

DIVISION SEVEN - THERMAL & MOISTURE PROTECTION							
07 21 13.10	TAPERED INSULATION (ELEVATOR OVERRUN)	70	SF	\$1.90	\$133		\$133
07 16 16.20	LIQUID APPLIED WATER SEALER(BELOW GRADE CONC WALL @ OCC SPACE)	920	SF	\$3.00	\$2,760		\$2,760
07 13 53.10	BELOW GRADE WATERPROOFING (ELEVATOR PIT)	300	SF	\$4.85	\$1,455		\$1,455
07 21 13.20	WALL INSULATION	750	SF	\$1.15	\$863		\$863
07 21 13.20	WALL INSULATION(2" RIGID)(DETENTION)	528	SF	\$1.80	\$950		\$950
07 46 46.10	SOFFITS (EXTERIOR)	290	SF	\$9.50	\$2,755		\$2,755
07 53 23.20	EPDM ROOFING (ELEVATOR OVERRUN)	200	SF	\$8.50	\$1,700		\$1,700
07 53 23.20	EPDM ROOFING REPAIR/TIE-IN	400	SF	\$12.00	\$4,800		\$4,800
07 56 10.10	FLUIDE APPLIED ROOFING	943	SF	\$10.75	\$10,137		\$10,137
07 65 23.10	EPDM PIPE PENTRATION FLASHING	5	EA	\$60.00	\$300		\$300
07 65 23.10	EPDM EQUIPMENT CURB	30	LF	\$18.50	\$555		\$555
07 71 19.10	EDGE FLASHING (ELEVATOR OVERRUN)	32	LF	\$27.50	\$880		\$880
07 92 13.20	JOINT SEALANTS (CONTROL JOINTS)	450	LF	\$3.75	\$1,688		\$1,688
07 92 13.20	JOINT SEALANTS (WINDOWS & DOORS)	800	LF	\$3.75	\$3,000		\$3,000
07 92 13.20	JOINT SEALANTS(DETENTION)	150	LF	\$3.75	\$563		\$563
	FIRE SAFING		ALLOW			\$10,000.00	\$10,000
	FIRE SAFING(DETENTION)		ALLOW			\$3,500.00	\$3,500
DIVISION TOTAL =							\$46,038
DIVISION EIGHT - OPENINGS							
80 00 00.00	SECURITY FILM	780	SF	\$10.00	\$7,800		\$7,800
	SALVAGED DOOR AND FRAME INSTALL	7	EA	\$250.00	\$1,750		\$1,750
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (SINGLE)	20	EA	\$300.00	\$6,000		\$6,000
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (SINGLE)(DETENTION)	5	EA	\$300.00	\$1,500		\$1,500
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (DOUBLE)	4	EA	\$375.00	\$1,500		\$1,500
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (DOUBLE)(DETENTION)	1	EA	\$375.00	\$375		\$375
	SECURE HOLLOW METAL FRAME (SINGLE)	4	EA	\$500.00	\$2,000		\$2,000
	SECURE HOLLOW METAL FRAME (SINGLE)(DETENTION)	6	EA	\$500.00	\$3,000		\$3,000
08 13 13.13	STANDARD HM DOOR (SINGLE)	2	EA	\$600.00	\$1,200		\$1,200
08 13 13.13	STANDARD HM DOOR (SINGLE)(DETENTION)	5	EA	\$600.00	\$3,000		\$3,000
08 14 16.09	STANDARD HM DOOR (DOUBLE)(DETENTION)	1	EA	\$1,200.00	\$1,200		\$1,200
08 14 16.09	SMOOTH WOOD DOOR (SINGLE)	18	EA	\$350.00	\$6,300		\$6,300
08 14 16.09	SMOOTH WOOD DOOR (DOUBLE)	4	EA	\$700.00	\$2,800		\$2,800
08 43 13.10	ALUMINUM FRAMED ENTRANCE DOOR (SINGLE)	3	EA	\$2,000.00	\$6,000		\$6,000
	SECURE DOORS (SINGLE)	4	EA	\$900.00	\$3,600		\$3,600
	SECURE DOORS (SINGLE)(DETENTION)	6	EA	\$900.00	\$5,400		\$5,400
08 71 20.15	DOOR HARDWARE (NEW DOORS)	31	EA	\$900.00	\$27,900		\$27,900
08 71 20.15	DOOR HARDWARE (NEW DOORS)(DETENTION, EXCLUDES CELLS)	12	EA	\$900.00	\$10,800		\$10,800
08 71 20.15	DOOR HARDWARE (REUSED DOORS)	7	EA	\$300.00	\$2,100		\$2,100
	OVERHEAD DOOR OPERATOR(DETENTION)	1	EA	\$3,500.00	\$3,500		\$3,500
	CELL SECURE DOORS	3	EA	\$8,000.00	\$24,000		\$24,000
08 31 13.10	ACCESS DOOR (STAINLESS STEEL 3x4)	1	EA	\$850.00	\$850		\$850
08 31 13.10	ACCESS DOOR (STAINLESS STEEL 1.5x4)	1	EA	\$450.00	\$450		\$450
	FIRE SHUTER (5x4)	2	EA	\$900.00	\$1,800		\$1,800
08 83 13.10	MIRRORS (FITNESS)	75	SF	\$38.00	\$2,850		\$2,850
08 91 19.10	ALUMINUM LOUVERS	2	EA	\$425.00	\$850		\$850
08 91 19.10	ALUMINUM LOUVERS (DETENTION)	2	EA	\$425.00	\$850		\$850
DIVISION TOTAL =							\$129,375
DIVISION NINE - FINISHES							
09 22 16.13	3 5/8 METAL STUD PARTITION WALL	6,133	SF	\$1.90	\$11,652		\$11,652
09 22 13.13	1/2" RESILIENT CHANNEL @ 12" O.C. (DETENTION)	1,500	SF	\$2.85	\$4,275		\$4,275
09 29 10.30	5/8 GWB PARTITION WALL FINISH	6,133	SF	\$2.75	\$16,865		\$16,865
09 29 10.30	GWB PATCHING	1,500	SF	\$1.90	\$2,850		\$2,850
	GWB RATED CEILING (2 LAYERS 5/8 TYPE X)(DETENTION)	1,500	SF	\$4.50	\$6,750		\$6,750
	GWB COLUMN AND BEAM RATING (2 HR)(DETENTION)	1,150	SF	\$8.25	\$9,488		\$9,488
	BALLISTIC RESISTANT WALLBOARD (LEVEL 3)	378	SF	\$10.75	\$4,064		\$4,064
09 51 23.10	SALVAGED ACT (REINSTALL)	5,461	SF	\$0.70	\$3,823		\$3,823
09 51 23.10	SUSPENDED ACT CEILINGS	3,325	SF	\$6.80	\$22,610		\$22,610
09 51 23.20	SUSPENDED ACT CEILINGS - FIRE RATED	1,604	SF	\$7.75	\$12,431		\$12,431
09 51 23.20	SUSPENDED ACT CEILINGS - SECURED (DETENTION)	482	SF	\$7.50	\$3,615		\$3,615
09 51 23.30	METAL PANEL SUSPENDED CEILINGS (DETENTION)	488	SF	\$16.50	\$8,052		\$8,052
09 65 13.10	RESILIENT BASE AND ACCESSORIES (RUBBER)	3,566	LF	\$3.25	\$11,588		\$11,588
09 65 13.10	RESILIENT BASE AND ACCESSORIES (RUBBER)(DETENTION)	80	LF	\$3.25	\$260		\$260
09 65 16.10	RUBBER MAT FLOORING (FITNESS)	519	SF	\$10.00	\$5,190		\$5,190
09 65 36.10	STATIC-CONTROL RESILIENT FLOORING (IT ROOMS)	344	SF	\$7.75	\$2,666		\$2,666
09 67 23.23	EPOXY FLOORING (DETENTION AND SALLY PORT)	1,158	SF	\$20.00	\$23,160		\$23,160
09 65 19.10	LUXURY VINYL TILE FLOORING	442	SF	\$5.00	\$2,210		\$2,210
09 65 19.10	VINYL COMPOSITION TILE FLOORING	4,700	SF	\$4.00	\$18,942		\$18,942
09 68 13.10	SALVAGED TILE CARPETING (REINSTALL)	3,983	SF	\$0.65	\$2,589		\$2,589
09 68 13.10	WALK OFF CARPET MATERIAL - LOOSE LAY	86	SF	\$5.00	\$430		\$430
09 68 13.10	TILE CARPETING (NEW)	0	SF	\$5.00	\$0		\$0
09 77 30.10	FIBERGLASS REINFORCED PANELS (LOCKER ROOM BATHROOMS, 4' TALL)	594	SF	\$5.00	\$2,971		\$2,971
09 77 30.10	FIBERGLASS REINFORCED PANELS (BATHROOMS, 4' TALL)	684	SF	\$4.00	\$2,736		\$2,736
09 91 23.39	INTERIOR PAINTING (DOOR)	2	EA	\$250.00	\$500		\$500
09 91 23.39	INTERIOR PAINTING (DOOR)(DETENTION)	15	EA	\$250.00	\$3,750		\$3,750
09 91 23.39	INTERIOR PAINTING (DOOR TRIM)	58	EA	\$200.00	\$11,600		\$11,600
09 91 23.39	INTERIOR PAINTING (DOOR TRIM)(DETENTION)	15	EA	\$200.00	\$3,000		\$3,000
09 91 23.74	INTERIOR PAINTING (PAINTED GYPSUM WALLS)	32,490	SF	\$2.25	\$73,102		\$73,102
09 91 23.74	INTERIOR PAINTING (PAINTED CMU WALLS)(DETENTION)	3,828	SF	\$6.75	\$25,840		\$25,840
09 97 13.23	EXTERIOR STEEL PAINTING (RAILINGS)	72	LF	\$6.50	\$468		\$468
09 97 13.23	EXTERIOR STEEL PAINTING (LINTELS, COLUMN)	85	LF	\$6.50	\$553		\$553
DIVISION TOTAL =							\$298,030


DIVISION TEN - SPECIALTIES							
10 14	INTERIOR ROOM SIGNAGE	42	EA	\$60.00	\$2,520		\$2,520
10 21 13.13	TOILET COMPARTMENTS (FLOOR MOUNTED)	1	EA	\$1,200.00	\$1,200		\$1,200
10 21 13.13	TOILET COMPARTMENTS HC (FLOOR MOUNTED)	1	EA	\$1,800.00	\$1,800		\$1,800
10 26 13.20	CORNER GUARDS	16	EA	\$100.00	\$1,600		\$1,600
10 28 13.13	JANITORS CLOSET ACCESSORIES	1	EA	\$1,200.00	\$1,200		\$1,200
10 28 13.13	GRAB BARS (HC TOILETS)	5	EA	\$250.00	\$1,250		\$1,250
10 23 13.13	TOILET ACCESSORIES	6	EA	\$200.00	\$1,200		\$1,200
10 44 13.63	FIRE EXTINGUISHER AND CABINET	6	EA	\$400.00	\$2,400		\$2,400
10 51 13.10	METAL LOCKERS (30X30 w/ BOOT DRAWER)	25	EA	\$1,000.00	\$25,000		\$25,000
10 51 13.10	METAL LOCKERS (15X15 FULL HEIGHT)(DETENTION)	4	EA	\$400.00	\$1,600		\$1,600
10 75 16.10	FLAGPOLES (ALUM. 25 FEET)	2	EA	\$2,300.00	\$4,600		\$4,600
	PISTOL LOCKER (3 DOOR)(DETENTION)	2	EA	\$750.00	\$1,500		\$1,500
	EVIDENCE LOCKERS w REFRIGERATED COMPARTMENT(PASS THROUGH)	1	EA	\$2,200.00	\$2,200		\$2,200
	EVIDENCE LOCKERS PASS BACK(PASS THROUGH)	1	EA	\$1,000.00	\$1,000		\$1,000
	TRANSACTION WINDOW	2	EA	\$4,000.00	\$8,000		\$8,000
	BOOKING WINDOW	1	EA	\$3,000.00	\$3,000		\$3,000
	DETENTION BUNK & MATTRESS	3	EA	\$950.00	\$2,850		\$2,850
	DETENTION BOOKING BENCH	1	EA	\$1,200.00	\$1,200		\$1,200
	DETENTION INTERVIEW TABLE	1	EA	\$1,100.00	\$1,100		\$1,100
	DETENTION INTERVIEW STOOL	1	EA	\$250.00	\$250		\$250
	DETENTION SHOWER ACCESSORIES	1	EA	\$450.00	\$450		\$450
	DETENTION GRABBARS	1	EA	\$100.00	\$100		\$100
	WEAPONS STORAGE CAGE w/ DOOR (8'-6" TALL)	1	LS	\$2,000.00	\$2,000		\$2,000
	BULK EVIDENCE STORAGE CATE w/ 6' DOOR (10'-6" TALL w/ CEILING)	1	LS	\$7,000.00	\$7,000		\$7,000
DIVISION TOTAL =							\$75,020
DIVISION ELEVEN - EQUIPMENT							
11 30 13.15	APPLIANCE RANGE HOOD	2	EA	\$250.00	\$500		\$500
11 30 13.15	APPLIANCE RANGE	1	EA	\$900.00	\$900		\$900
11 30 13.15	APPLIANCE REFRIGERATOR	1	EA	\$900.00	\$900		\$900
11 30 13.17	APPLIANCE DISHWASHER	1	EA	\$850.00	\$850		\$850
DIVISION TOTAL =							\$3,150
DIVISION TWELVE - FURNISHINGS							
12 24 13.10	WINDOW BLINDS	780	SF	\$8.00	\$6,240		\$6,240
DIVISION TOTAL =							\$6,240
DIVISION FOURTEEN - CONVEYING EQUIPMENT							
DIVISION TOTAL =							\$0
DIVISION TWENTY-ONE - FIRE PROTECTION							
DIVISION TOTAL =							\$0
DIVISION TWENTY-TWO - PLUMBING							
	NEW DOMESTIC WATER ENTRY	1	EA	\$8,500	\$8,500		\$8,500
	CLEAN EXISTING FIXTURES TO REMAIN (FIXTURE)	14	EA	\$100	\$1,400		\$1,400
	MOP SERVICE BASIN	1	EA	\$2,000	\$2,000		\$2,000
	DRINKING FOUNTAIN	1	EA	\$3,500	\$3,500		\$3,500
	LAVATORY	2	EA	\$3,000	\$6,000		\$6,000
	WATER CLOSET	5	EA	\$2,500	\$12,500		\$12,500
	SINK	2	EA	\$1,500	\$3,000		\$3,000
	URINAL	3	EA	\$2,000	\$6,000		\$6,000
	SHOWER	0	EA	\$2,500	\$0		\$0
	ELECTRIC POINT OF USE WATER HEATER	3	EA	\$3,500	\$10,500		\$10,500
	GAS WATER HEATER AND ACCESSORIES	3	EA	\$2,000	\$6,000		\$6,000
	FLOOR DRAINS	1	EA	\$25,000	\$25,000		\$25,000
	PIPING, FITTINGS, INSULATION, VALVES, ETC	6	EA	\$2,000	\$12,000		\$12,000
	DEMO / SAW CUTTING / TRENCHING	1	LS	\$51,000	\$51,000		\$51,000
	DETENTION AREA	1	LS	\$10,000	\$10,000		\$10,000
	MOP SERVICE BASIN	1	EA	\$3,500	\$3,500		\$3,500
	SHOWER	1	EA	\$3,000	\$3,000		\$3,000
	PLUMBING FIXTURES FOR DETENTION CELLS	3	EA	\$6,000	\$18,000		\$18,000
	FLOOR DRAINS	5	EA	\$3,000	\$15,000		\$15,000
	PIPING, FITTINGS, INSULATION, VALVES, ETC	1	LS	\$25,000	\$25,000		\$25,000
DIVISION TOTAL =							\$221,900

DIVISION TWENTY-THREE - MECHANICAL						
DEMOLITION (MISC DUCTWORK, DIFFUSERS)	1	LS	\$10,000	\$10,000		\$10,000
ROOF TOP UNIT (25 TONS), NEW CURB	1	EA	\$83,000	\$83,000		\$83,000
SHEETMETAL DUCTWORK (OFFICE SPACES)	2,500	LBS	\$12	\$30,000		\$30,000
SHEETMETAL DUCTWORK TESTING (OFFICE SPACE)	1	LS	\$500	\$500		\$500
INSULATION	3,000	SF	\$8	\$22,500		\$22,500
MISC DUCTWORK MODIFICATION	1	LS	\$6,000	\$6,000		\$6,000
DUCTWORK CLEANING	600	LF	\$11	\$6,600		\$6,600
FD AND FSD PENETRATING NEW RATED WALL	85	EA	\$1,000	\$85,000		\$85,000
VAV BOX FOR EOC	1	EA	\$1,000	\$1,000		\$1,000
VAV BOX ATC	1	EA	\$2,500	\$2,500		\$2,500
EXISTING BOX ATC	4	EA	\$2,500	\$10,000		\$10,000
NEW DIFFUSERS	65	EA	\$350	\$22,750		\$22,750
EXISTING DIFFUSER AND GRILLES CLEANING	1	LS	\$6,000	\$6,000		\$6,000
SPLIT SYSTEMS	3	LS	\$11,500	\$34,500		\$34,500
EXHAUST FAN REUSE AND DUCTWORK REWORK (DISPATCH)	1	LS	\$4,500	\$4,500		\$4,500
EXHAUST FAN (EVIDENCE STORAGE)	1	LS	\$9,500	\$9,500		\$9,500
EXHAUST SHEETMETAL REWORK TOILET/ SHOWER AREA	1	LS	\$4,000	\$4,000		\$4,000
EXHAUST FAN AND DUCTWORK (NEW TOILET SPACE WEST)	1	LS	\$6,400	\$6,400		\$6,400
ELECTRIC HEATERS	5	EA	\$960	\$4,800		\$4,800
RELOCATE IT ROOM DUCTLESS SPLIT	1	LS	\$3,000	\$3,000		\$3,000
TESTING AND BALANCING	1	LS	\$8,600	\$8,600		\$8,600
EXISTING NIAGARA UPGRADE (SOFTWARE, SUPERVISORY PC)	1	LS	\$10,000	\$10,000		\$10,000
DETENTION AREA						
SALLYPORT HEATING AND VENTILATION	1	LS	\$10,750	\$10,750		\$10,750
CELL DEDICATED OUTDOOR AIR SYSTEM	1	LS	\$153,600	\$153,600		\$153,600
DETENTION CELL SMOKE CONTROL SYSTEM	1	LS	\$33,600	\$33,600		\$33,600
DIVISION TOTAL =						\$569,100
DIVISION TWENTY-SIX - ELECTRICAL						
300KW, 480/277V, 3ph, 4w DIESEL POWERED GENERATOR WITH LEVEL 1 ENCLOSURE, 72 HOUR BASE TANK, 600A BYPASS/ISOLATION TRANSFER SWITCH AND 5 YR WARRANTY	1	EA	\$175,000	\$175,000		\$175,000
ELECTRICAL DEMOLITION (POWER/DATA/LIGHTING)	1	LS	\$20,000	\$20,000		\$20,000
NEW LED LIGHTING IN DISPATCH, EOC AND LOBBY @\$8/SQ FT	1	LS	\$12,000	\$12,000		\$12,000
40KVA UPS AND BATTERIES FOR DISPATCH EMERGENCY BACKUP FOR COMMUNICATIONS EQUIPMENT	1	EA	\$70,000	\$70,000		\$70,000
NEW 100A PANEL FOR IT CIRCUITS FOR NEW COMMUNICATION EQUIPMENT	1	EA	\$2,000	\$2,000		\$2,000
BRANCH POWER CIRCUITS FOR NEW I.T. COMMUNICATIONS EQUIPMENT \$600/CIRCUIT X 42	1	LS	\$25,000	\$25,000		\$25,000
NEW 100A, 208/120V PANEL W/24 CIRCUITS	1	EA	\$16,000	\$16,000		\$16,000
RELOCATION OF EXISTING TRANSFORMERS AND PANEL TO MEZZANINE	1	LS	\$4,000	\$4,000		\$4,000
SURFACE FLOOR RACEWAY FOR EOC POWER AND DATA	1	LS	\$3,000	\$3,000		\$3,000
NEW EXTERIOR LED EMERGENCY LIGHTING	1	LS	\$2,000	\$2,000		\$2,000
FIRE ALARM SYSTEM UPGRADES	1	LS	\$20,000	\$20,000		\$20,000
ACCESS CONTROL/SURVEILLANCE SYSTEM	1	LS	\$110,000	\$110,000		\$110,000
POWER FOR HVAC EQUIPMENT	1	LS	\$20,000	\$20,000		\$20,000
NEW PHONE/DATA WIRING	1	LS	\$60,000	\$60,000		\$60,000
BRANCH POWER AND LIGHTING CIRCUITS \$600/CIRCUIT X 42	1	LS	\$25,000	\$25,000		\$25,000
REMOVAL AND RELOCATION OF EXISTING 2X4 TROFFERS	1	LS	\$20,000	\$20,000		\$20,000
REWORK LIGHTING SWITCHING	1	LS	\$5,000	\$5,000		\$5,000
DETENTION AREA						
NEW LIGHTING IN THE DETENTION/SALLY PORT AREA	1	LS	\$25,000	\$25,000		\$25,000
POWER/DATA FOR DETENTION AREA	1	LS	\$2,500	\$2,500		\$2,500
DIVISION TOTAL =						\$616,500
DIVISION THIRTY-ONE - EARTHWORK						
SEDIMENTATION CONTROL, FENCE & HAY BALES	800	LF	\$8.00	\$6,400		\$6,400
INLET PROTECTION	11	EA	\$120.00	\$1,320		\$1,320
CONSTRUCTION ENTRANCE	1	LS	\$2,500	\$2,500		\$2,500
EROSION AND SEDIMENTATION REPAIRS	1	EA	\$2,500	\$2,500		\$2,500
DIVISION TOTAL =						\$12,720

* 10,000 → 20,000

DIVISION THIRTY-TWO - EXTERIOR IMPROVEMENTS							
32 16 13.13	CONCRETE CURB	200	LF	\$25.00	\$5,000		\$5,000
31 16 23.23	CONCRETE SIDEWALKS	1,500	SF	\$10.00	\$15,000		\$15,000
	CONCRETE RAMP	1	EA	\$2,500.00	\$2,500		\$2,500
	RAMP HANDRAILS	40	LF	\$60.00	\$2,400		\$2,400
	ADDITIONAL PROCESSED AGGREGATE	60	CY	\$55.00	\$3,300		\$3,300
	RESHAPING OF PAVEMENT AREAS	555	SY	\$3.00	\$1,665		\$1,665
	BITUMINOUS CONCRETE PAVEMENT BINDER COURSE (1.5")	48	TON	\$110.00	\$5,280		\$5,280
	BITUMINOUS CONCRETE PAVEMENT FINISH COURSE (1.5")	48	TON	\$110.00	\$5,280		\$5,280
	BITUMINOUS CONCRETE CURBING	50	LF	\$8.00	\$400		\$400
32 31 13.20	FENCING 8' CHAINLINK (IMPOUND AREA)	82	LF	\$55.00	\$4,510		\$4,510
32 31 13.20	SLIDE GATE (MANUAL)	1	EA	\$500.00	\$500		\$500
32 91 13.13	TOPSOIL & SEADING by town	500	SF	\$0.00	\$0		\$0
	LIGHT POLE & FOOTING	2	EA	\$4,500.00	\$9,000		\$9,000
	EXTERIOR LIGHTING FIXTURES (INCLUDES BUILDING MOUNTED)	9	EA	\$1,000.00	\$9,000		\$9,000
	ELECTRIC WIRING FOR SITE LIGHTING	9	EA	\$300.00	\$2,700		\$2,700
	WATER LATERAL (BY OTHERS)	475	LF	\$75.00	\$35,625		
	WHEEL STOP REMOVE AND PLACE (BY DPW)	1	LS	\$500.00	\$500		
32 17 23.13	PAVMENT MARKINGS (BY DPW)	1	LS	\$5,000.00	\$5,000		
	PLANTINGS (BY DPW)	1	LS	\$15,000.00	\$15,000		
DIVISION TOTAL =							\$66,535
DIVISION THIRTY-THREE - UTILITIES							
	CATCH BASIN REPAIR (BY DPW)	9	EA	\$200.00	\$1,800		\$1,800
DIVISION TOTAL =							\$1,800
 SILVER/PETRUCELLI + ASSOCIATES <i>Architects / Engineers / Interior Designers</i> 3190 Whitney Avenue, Hamden, CT 06518 Tel: 203 230 9007 Fax: 203 230 8247 www.silverpetrucelli.com				SUBTOTAL =			\$2,419,603
				COST INDEX =		1.076	\$2,603,493
				ESCALATION =		1.00	\$2,603,493
				DESIGN CONTINGENCY		0.00%	\$0
				GEN. CONDITIONS		12.00%	\$312,419
				OH&P INCLUDED			\$0
				OWNERS CONTINGENCY		0.00%	\$0
				CONSTRUCTION TOTAL =			\$2,915,912
			\$/SQ FT				
			\$171				

Town of East Lyme				Date: 2/4/2020			
East Lyme Public Safety Building				Job No.: 19.087			
277 West Main Street				Project Size: 2,269 sf			
Niantic, Connecticut 06357							
OPINION OF PROBABLE CONSTRUCTION COST							
Deduct Alternate 1 - Detention and Sally Port							
SECTION NUMBER	WORK CATEGORIES	QTY.	UNIT	MATERIAL & LABOR COST		ALLOWANCE	TOTAL \$
				UNIT \$	TOTAL		
	DIVISION ONE						
	CLEANING UP (FINAL)	2,269	SF	\$0.65	\$1,475		\$1,475
	TEMPORARY PROTECTION	2,269	SF	\$1.30	\$2,950		\$2,950
	SITE MOBILIZATION & BONDING	2,269	SF	\$2.00	\$4,538		\$4,538
	DIVISION TOTAL =						\$8,963
	DIVISION TWO - EXISTING CONDITIONS						
	REMOVE SLAB ON GRADE (DETENTION)	1,500	SF	\$15.00	\$22,500		\$22,500
	DUMPSTER 40 YARD (DETENTION)	2	EA	\$850	\$1,700		\$1,700
	DIVISION TOTAL =						\$24,200
03 30 53.40	CAST IN PLACE CONCRETE (4" SLAB ON GRADE)(DETENTION)	1,500	SF	\$3.30	\$4,950		\$4,950
03 30 53.40	CAST IN PLACE CONCRETE (24x12 STRIP FOOTING)(DETENTION)		LF	\$27.00	\$4,050		\$4,050
03 30 53.40	CAST INPLACE CONCRETE (2 1/2" FLOOR FILL)(DETENTION)	1,500	SF	\$3.25	\$4,875		\$4,875
	DIVISION TOTAL =						\$13,875
04 05 16.30	MASONRY GROUTING(DETECTION)	1,932	SF	\$5.50	\$10,627		\$10,627
04 22 10.14	CONCRETE BLOCK (DETENTION)	1,932	SF	\$10.50	\$20,287		\$20,287
04 22 10.16	BOND BEAMS(DETECTION)	751	LF	\$8.50	\$6,387		\$6,387
	DIVISION TOTAL =						\$37,301
	DIVISION FIVE - METALS						
05 12 00.00	STRUCTURAL STEEL (ROOF PENETRATION & MISC.)	1	LS	\$10,000.00	\$10,000		\$10,000
05 31 13.50	FLOOR DECKING (DETENTION)	1,500	SF	\$6.20	\$9,300		\$9,300
05 42 13.40	FLOOR FRAMING JOISTS (DETENTION)	1,500	SF	\$4.25	\$6,375		\$6,375
	REBAR (DETENTION WALLS AND SLAB)	2,970	SF	\$4.00	\$11,880		\$11,880
05 73 23.50	METAL RAILINGS (EQUIPMENT MEZ.)(DETENTION)	27	LF	\$60.00	\$1,620		\$1,620
	SHIPS LADDER TO EQUIP. MEZZ (DETENTION)	1	EA	\$6,000.00	\$6,000		\$6,000
	DIVISION TOTAL =						\$45,175
	DIVISION SIX - WOOD, PLASTICS & COMPOSITES						
06 20 23	INTERIOR FINISH CARPENTRY (BASE CABINETS)(DETENTION)	10	LF	\$250.00	\$2,500		\$2,500
06 41 50	INTERIOR FINISH CARPENTRY (PLASTIC LAMINATE COUNTER & SHELVING)(DET)	40	SF	\$50.00	\$2,000		\$2,000
	DIVISION TOTAL =						\$4,500
	DIVISION SEVEN - THERMAL & MOISTURE PROTECTION						
07 21 13.20	WALL INSULATION(2" RIGID)(DETENTION)	528	SF	\$1.80	\$950		\$950
07 92 13.20	JOINT SEALANTS(DETECTION)	150	LF	\$3.75	\$563		\$563
	FIRE SAFING(DETECTION)		ALLOW			\$3,500.00	\$3,500
	DIVISION TOTAL =						\$5,013
	DIVISION EIGHT - OPENINGS						
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (SINGLE)(DETENTION)	5	EA	\$300.00	\$1,500		\$1,500
08 12 13.13	STANDARD HOLLOW METAL DOOR FRAME (DOUBLE)(DETENTION)	1	EA	\$375.00	\$375		\$375
	SECURE HOLLOW METAL FRAME (SINGLE)(DETENTION)	6	EA	\$500.00	\$3,000		\$3,000
08 13 13.13	STANDARD HM DOOR (SINGLE)(DETENTION)	5	EA	\$600.00	\$3,000		\$3,000
08 14 16.09	STANDARD HM DOOR (DOUBLE)(DETENTION)	1	EA	\$1,200.00	\$1,200		\$1,200
	SECURE DOORS (SINGLE)(DETENTION)	6	EA	\$900.00	\$5,400		\$5,400
08 71 20.15	DOOR HARDWARE (NEW DOORS)(DETENTION, EXCLUDES CELLS)	12	EA	\$900.00	\$10,800		\$10,800
	OVERHEAD DOOR OPERATOR(DETECTION)	1	EA	\$3,500.00	\$3,500		\$3,500
	CELL SECURE DOORS	3	EA	\$8,000.00	\$24,000		\$24,000
08 31 13.10	ACCESS DOOR (STAINLESS STEEL 3x4	1	EA	\$850.00	\$850		\$850
08 31 13.10	ACCESS DOOR (STAINLESS STEEL 1.5x4	1	EA	\$450.00	\$450		\$450
08 91 19.10	ALUMINUM LOUVERS (DETENTION)	2	EA	\$425.00	\$850		\$850
	DIVISION TOTAL =						\$54,925
	DIVISION NINE - FINISHES						
09 22 13.13	1/2" RESILIENT CHANNEL @ 12" O.C. (DETENTION)	1,500	SF	\$2.85	\$4,275		\$4,275
	GWB RATED CEILING (2 LAYERS 5/8 TYPE X)(DETENTION)	1,500	SF	\$4.50	\$6,750		\$6,750
	GWB COLUMN AND BEAM RATING (2 HR)(DETENTION)	1,150	SF	\$8.25	\$9,488		\$9,488
09 51 23.20	SUSPENDED ACT CEILINGS - SECURED (DETENTION)	482	SF	\$7.50	\$3,615		\$3,615
09 51 23.30	METAL PANEL SUSPENDED CEILINGS (DETENTION)	488	SF	\$16.50	\$8,052		\$8,052
09 65 13.10	RESILIENT BASE AND ACCESSORIES (RUBBER)(DETENTION)	80	LF	\$3.25	\$260		\$260
09 67 23.23	EPOXY FLOORING (DETENTION AND SALLY PORT)	1,158	SF	\$20.00	\$23,160		\$23,160
09 91 23.39	INTERIOR PAINTING (DOOR)(DETENTION)	15	EA	\$250.00	\$3,750		\$3,750
09 91 23.39	INTERIOR PAINTING (DOOR TRIM)(DETENTION)	15	EA	\$200.00	\$3,000		\$3,000
09 91 23.74	INTERIOR PAINTING (PAINTED CMU WALLS)(DETENTION)	3,828	SF	\$6.75	\$25,840		\$25,840
	DIVISION TOTAL =						\$88,180

10 51 13.10	DIVISION TEN - SPECIALTIES						
	METAL LOCKERS (15X15 FULL HEIGHT)(DETENTION)	4	EA	\$400.00	\$1,600		\$1,600
	PISTOL LOCKER (3 DOOR)(DETENTION)	2	EA	\$750.00	\$1,500		\$1,500
	BOOKING WINDOW	1	EA	\$3,000.00	\$3,000		\$3,000
	DETENTION BUNK & MATTRESS	3	EA	\$950.00	\$2,850		\$2,850
	DETENTION BOOKING BENCH	1	EA	\$1,200.00	\$1,200		\$1,200
	DETENTION INTERVIEW TABLE	1	EA	\$1,100.00	\$1,100		\$1,100
	DETENTION INTERVIEW STOOL	1	EA	\$250.00	\$250		\$250
	DETENTION SHOWER ACCESSORIES	1	EA	\$450.00	\$450		\$450
	DETENTION GRABBARS	1	EA	\$100.00	\$100		\$100
	BULK EVIDENCE STORAGE CATE w/ 6' DOOR (10'-6" TALL w/ CEILING)	1	LS	\$6,500.00	\$6,500		\$6,500
DIVISION TOTAL =							\$18,550
DIVISION ELEVEN - EQUIPMENT							
DIVISION TOTAL =							\$0
DIVISION TWELVE - FURNISHINGS							
DIVISION TOTAL =							\$0
DIVISION FOURTEEN - CONVEYING EQUIPMENT							
DIVISION TOTAL =							\$0
DIVISION TWENTY-ONE - FIRE PROTECTION							
DIVISION TOTAL =							\$0
DIVISION TWENTY-TWO - PLUMBING							
	MOP SERVICE BASIN	1	EA	\$3,500	\$3,500		\$3,500
	SHOWER	1	EA	\$3,000	\$3,000		\$3,000
	PLUMBING FIXTURES FOR DETENTION CELLS	3	EA	\$6,000	\$18,000		\$18,000
	FLOOR DRAINS	5	EA	\$3,000	\$15,000		\$15,000
	PIPING, FITTINGS, INSULATION, VALVES, ETC	1	LS	\$25,000	\$25,000		\$25,000
DIVISION TOTAL =							\$64,500
DIVISION TWENTY-THREE - MECHANICAL							
	SALLYPORT HEATING AND VENTILATION	1	LS	\$10,750	\$10,750		\$10,750
	DETENTION CELL HVAC	1	LS	\$153,600	\$153,600		\$153,600
	DETENTION CELL SMOKE CONTROL SYSTEM	1	LS	\$33,600	\$33,600		\$33,600
DIVISION TOTAL =							\$197,950
DIVISION TWENTY-SIX - ELECTRICAL							
	NEW LIGHTING IN THE DETENTION/SALLY PORT AREA	1	LS	\$25,000	\$25,000		\$25,000
	POWER/DATA FOR DETENTION AREA	1	LS	\$2,500	\$2,500		\$2,500
	ACCESS CONTROL/SURVEILLANCE SYSTEM	1	LS	\$40,000	\$40,000		\$40,000
DIVISION TOTAL =							\$67,500
DIVISION THIRTY-ONE - EARTHWORK							
DIVISION TOTAL =							\$0
DIVISION THIRTY-TWO - EXTERIOR IMPROVEMENTS							
DIVISION TOTAL =							\$0
DIVISION THIRTY-THREE - UTILITIES							
DIVISION TOTAL =							\$0
 SILVER/PETRUCELLI + ASSOCIATES <i>Architects / Engineers / Interior Designers</i> 3190 Whitney Avenue, Hamden, CT 06518 Tel: 203 230 9007 Fax: 203 230 8247 www.silverpetrucelli.com				SUBTOTAL =			\$630,642
				COST INDEX =			1.076
				ESCALATION =			1.00
				DESIGN CONTINGENCY			0.00%
				GEN. CONDITIONS			12.00%
				OH&P INCLUDED			
				OWNERS CONTINGENCY			0.00%
				CONSTRUCTION TOTAL =			\$769,999

\$/SQ FT
\$335

Town of East Lyme				Date:		2/4/2020	
East Lyme Public Safety Building				Job No.:		19.087	
277 West Main Street				Project Size:		90 sf	
Niantic, Connecticut 06357							
SCHEMATIC DESIGN OPINION OF PROBABLE CONSTRUCTION COST							
Bld Alternate 1 - Elevator Cab In Existing Holstway							
SECTION NUMBER	WORK CATEGORIES	QTY.	UNIT	MATERIAL & LABOR COST		ALLOWANCE	TOTAL \$
				UNIT \$	TOTAL		
	DIVISION ONE						
	CLEANING UP (FINAL)	1	LS	\$750.00	\$750		\$750
	TEMPORARY PROTECTION	1	LS	\$1,000.00	\$1,000		\$1,000
	SITE MOBILIZATION & BONDING	1	LS	\$1,500.00	\$1,500		\$1,500
				DIVISION TOTAL =			\$3,250
	DIVISION TWO - EXISTING CONDITIONS						
				DIVISION TOTAL =			\$0
	DIVISION THREE - CONCRETE						
				DIVISION TOTAL =			\$0
	DIVISION FOUR - MASONRY						
				DIVISION TOTAL =			\$0
	DIVISION FIVE - METALS						
				DIVISION TOTAL =			\$0
	DIVISION SIX - WOOD, PLASTICS & COMPOSITES						
				DIVISION TOTAL =			\$0
	DIVISION SEVEN - THERMAL & MOISTURE PROTECTION						
	FIRE SAFING		ALLOW			\$1,000.00	\$1,000
				DIVISION TOTAL =			\$1,000
	DIVISION EIGHT - OPENINGS						
				DIVISION TOTAL =			\$0
	DIVISION NINE - FINISHES						
	GWB, METAL STUD, AND PAINTING REPAIR	1	LS	\$2,300.00	\$2,300		\$2,300
				DIVISION TOTAL =			\$0
10 14	DIVISION TEN - SPECIALTIES						
	INTERIOR ROOM SIGNAGE	4	EA	\$60.00	\$240		\$240
				DIVISION TOTAL =			\$240
	DIVISION ELEVEN - EQUIPMENT						
				DIVISION TOTAL =			\$0
	DIVISION TWELVE - FURNISHINGS						
				DIVISION TOTAL =			\$0
14 21 23.10	DIVISION FOURTEEN - CONVEYING EQUIPMENT						
	ELEVATOR, 2100#, 2 STOP, HYDRAULIC	1	EA	\$90,500.00	\$90,500		\$90,500
				DIVISION TOTAL =			\$90,500
	DIVISION TWENTY ONE - FIRE PROTECTION						
				DIVISION TOTAL =			\$0
	DIVISION TWENTY TWO - PLUMBING						
				DIVISION TOTAL =			\$0
	DIVISION TWENTY THREE - MECHANICAL						
	EXHAUST FAN (ELEVATOR MACHINE ROOM)	1	LS	\$9,500	\$9,500		\$9,500
	NEW DIFFUSERS	1	EA	\$350	\$350		\$350
				DIVISION TOTAL =			\$9,850

